

**Curriculum Vitae**  
**Joaquin Sanchez-Sotelo MD PhD FEBOT**

**PERSONAL INFORMATION**

Name: Joaquin Sanchez-Sotelo  
Place of birth: Madrid – Spain  
Date of birth: March 12<sup>th</sup>, 1968  
Citizenship: United States  
Permanent residence: United States

Work address: Gonda 14  
Department of orthopedic surgery  
Mayo Clinic  
200 First Street  
Rochester MN 55905  
United States

Home address: 3950 Autumn Lake CT SW  
Rochester MN 55902  
United States

**PRESENT POSITION AND ACADEMIC RANK**

2007 – Present **Consultant** – Division of Adult Reconstruction, Department of Orthopedic Surgery, Mayo Clinic, Rochester MN

2012 – Present **Master’s Faculty Privileges in Orthopedics** – Mayo Clinic College of Medicine, College of Medicine, Mayo Clinic

2013 – Present **Professor of Orthopedics** – Mayo Clinic College of Medicine

2020 – Present **Division Chair, Shoulder and Elbow Surgery – Mayo Clinic**

2021- Present **Medical Editor for Shoulder and Elbow Surgery – Mayo Foundation Medical Education and Research**

2024-Present **Medical Director for Orthopedics Marketing and Media** – Mayo Clinic

2025-2025 **President, American Shoulder & Elbow Surgeons**

**PREVIOUS POSITIONS**

2004 – 2007 **Senior Associate Consultant** – Division of Adult Reconstruction, Department of Orthopedic Surgery, Mayo Clinic, Rochester MN

2004-2007 **Assistant Professor of Orthopedics** – Mayo Clinic College of Medicine

2007-2013 **Associate Professor of Orthopedics** – Mayo Clinic College of Medicine

2008 – 2020 **Program Director, Adult Reconstruction Shoulder and Elbow Fellowship, Mayo Clinic, Rochester MN**

2002 – 2004      **Consultant** – Department of Orthopedic Surgery, Hospital La Paz, Madrid, Spain  
 2001-2002      **Consultant** – Department of Orthopedic Surgery, Fundacion Hospital Alcorcon, Madrid, Spain  
 2024-2025      **President**, American Shoulder & Elbow Surgeon

**EDUCATION**

1986 – 1992      **M.D. (“Licenciado en Medicina y Cirugia”)**  
 Universidad Autonoma de Madrid, Spain  
 1992      **National examination for residency** (Oposicion MIR)  
 Position #1  
 1994 – 1998      **Residency in Orthopedic Surgery**  
 “Medico Especialista en Traumatologia y Cirugia Ortopedica”  
 1999      **Ph. D. (“Doctor en Medicina y Cirugia”)**  
 Universidad Autonoma de Madrid, Spain  
 1999-2000      **Special Fellowship, Adult Reconstruction, Lower Extremity**  
 Mayo Clinic - Rochester MN  
 2000-2001      **Special Fellowship, Adult Reconstruction, Upper Extremity**  
 Mayo Clinic - Rochester MN

**LICENSURE**

1992 – Present      License to practice Medicine in Spain  
 2004 – Present      License, Minnesota Board of Medical Practice

**CERTIFICATIONS**

1989      Test of English as a Foreign Language (TOEFL)  
 1998      Educational Commission for Foreign Medical Graduates (ECFMG)  
 2002      European Board of Orthopedics and Traumatology (EBOT)  
 2003      United States Medical Licensing Examination  
 USMLE / Step III  
 2016      American Board of Orthopedic Surgery  
 2021      Harvard Business School Executive Education Certificate

**HONORS / AWARDS**

1994      “Jesus Galan” award to the Best Curriculum in Medical School  
 Consejo General de Colegios de Medicos de España  
 2000      “Mark B. Coventry” Clinical Research Adult Reconstructive Fellowship Award – Department of Orthopedic Surgery – Mayo Clinic – Rochester MN  
 2005      2005 Teacher of the Year in Orthopedic Surgery  
 Mayo Clinic, Rochester MN

- 2009 2009 Teacher of the Year in Orthopedic Surgery  
Mayo Clinic, Rochester MN
- 2010 Melvin Post Award – ASES: Oh F, Foruria AM, Sanchez-Sotelo J, Morrey BF. Value of Perioperative Testing for Detection of Subclinical Infection After Total Elbow Arthroplasty. Paper presentation. 7th Biennial AAOS/ASES shoulder and elbow meeting. April 25-27, 2010. Aventura, FL, USA.
- 2011 Mid-America Orthopaedic Association Award. Abdel MP, Morrey ME, Barlow JD, Grill DE, An KN, Steinmann SP, Morrey BF, Sanchez-Sotelo J. Gene Expression Profiles of Fibrosis in a Rabbit Knee Model of Joint Contracture. Hilton Tucson El Conquistador Resort, Tucson, Arizona, April 6-10, 2011.
- 2012 Mayo Clinic Mark B. Coventry Clinical Research Award. Abdel MP, Morrey ME, An KN, Steinmann SP, Sanchez-Sotelo J, Morrey BF. Myofibroblast cells are preferentially expressed early in a rabbit model of joint contracture.
- 2014 Knee Society Coventry Award. Pulido L, Abdel MP, Lewallen DG, Stuart MJ, Sanchez-Sotelo J, Pagnano MW. At 5 years, trabecular metal tibias were durable and reliable in total knee arthroplasty: a randomized controlled clinical trial.
- 2015 American Academy of Orthopedic Surgeon’s Achievement Award
- 2017 American Academy of Orthopedic Surgeon’s Achievement Award
- 2018 Course of the Year for the 2017 edition of Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair, awarded by Mayo Clinic School of Continuous Professional Development (MCSCPD)
- 2018 American Academy of Orthopedic Surgeon’s Achievement Award
- 2019 American Shoulder and Elbow Surgeons 2019 Hawkins Award for the study entitled “How did Grammont and Frankle style prosthesis compare at 10 years?”
- 2019 Presidential Guest Speaker, Mid-Atlantic Shoulder and Elbow Society (MASSES) 2019, Washington D.C.
- 2019 First Award for Oral Presentation at the 20<sup>th</sup> General Meeting of the International Society on Limb Salvage (ISOLS 2019) for the project entitled “Comparison of reconstructive techniques following oncologic intraarticular resection of proximal humerus.”
- 2019 Presidential Guest Speaker. Second Ibero-Latin American Perspective of Shoulder and Elbow Surgery.
- 2019 Award to the Best Oral Presentation, International Congress of Shoulder and Elbow Surgery (ICSES 2019) – IBSES. Buenos Aires, Argentina: “Late Cuff Tears After Anatomic Shoulder Arthroplasty: Do They Correlate with the Critical Shoulder Angle?”
- 2021 Course of the Year for the 2020 edition of Mayo Clinic Course on Elbow Surgery: “Teach the teachers: The Milestone Edition”,

- awarded by Mayo Clinic School of Continuous Professional Development (MCSCPD)
- 2021 Outstanding Digital Educator, awarded by Mayo Clinic School of Continuous Professional Development (MCSCPD)
- 2021 Best Poster Presentation, 2021 Annual Meeting European Society for Shoulder and Elbow Surgery (SECEC-ESSE), Poland, for the study entitled “Shoulder arthroplasty in patients with juvenile inflammatory arthritis: long-term outcomes”
- 2021 ISAKOS 2021 Richard B. Caspari Award, Finalist 2021  
Pareek A, Nieboer M, Sanchez-Sotelo J  
Identifying Subscapularis Tendon Tears: Machine Learning Can Improve Diagnostic Accuracy
- 2023 SIIM Award to the Best Poster Presentation at the 2023 Annual Meeting of the Society for Imaging Informatics in Medicine (SIIM): Yang L, DeMarinis R, Oeding J, Marigi E, Sanchez-Sotelo J: Development of an AI model to classify shoulder radiographs to build large-scale image registries.
- 2023 Rockwood Lecture at the International Congress of Shoulder and Elbow Surgery 2023: Innovation in Shoulder and Elbow Surgery. IBSES 2023 Rome Italy.
- 2023 Mayo Clinic Patrick J Kelly Resident Award: “The efficacy of ADIPOR1 and ADIPOR2 peptide-agonist AdipoRon in preventing contracture in a rabbit model of arthrofibrosis (Salmons HI, Gow C, Limberg AK, Bettencourt JW, Carstens MF, Payne AN, Morrey ME, Sanchez-Sotelo J, Berry DJ, Dudakovic A, Abdel MP.)
- 2024 Wyles C, Sanchez-Sotelo J, et al. Leveraging Large Language Models to Automate the Curation of Total Joint Registries. AJRR-C Pilot Award – Funded by NIH-P30 Mayo Clinic & AAOS.
- 2024 Marigi EM, Oeding JF, Nieboer M. Marigi AM, Wahlig B, Barlow JD, Sanchez-Sotelo J, Sperling JW. The Relationship Between Design-Based Lateralization, Humeral Bearing Design, Polyethylene Angle, and Patient-Related Factors on Surgical Complications after Reverse Shoulder Arthroplasty: A Machine Learning Analysis. JRGOS Inaugural Orthopaedic Surgery Resident and Medical Student Research Competition – First Place for Residents – AAOS 2024
- 2024 Marigi EM, Alder KD, Yu KE, Johnson QJ, Marigi IM, Schoch BS, Tokish JM, Sanchez-Sotelo, Barlow JD. Patient Race and Ethnicity are Associated with Higher Unplanned 90-Day Emergency Department Visits and Readmissions but not 10-year All-Cause Complications or Reoperations: A Matched Cohort Analysis of Primary Shoulder Arthroplasties. JRGOS Inaugural Orthopaedic Surgery Resident and Medical Student Research Competition – Third Place for Medical Students – AAOS 2024

- 2024 Honorary Member, Sociedad Española de Cirugía de Hombro y Codo (SECHC) – Awarded in Valencia, Spain, March 2024.
- 2024 ASES Bernard F. Morrey Award Best Elbow Research Tristan B. Weir, M.D.; Christopher M. Hart, M.D.; Kristin E. Yu, M.D.; Micah Nieboer, M.D.; Bernard F. Morrey, M.D.; Shawn W. O’Driscoll, M.D., Ph.D.; Joaquin Sanchez-Sotelo, M.D., Ph.D.; Mark E. Morrey, M.D., M.S.: If I Replace These Bushings, How Long Will They Last? An Analysis of 58 Isolated Bushing Exchanges With 21-Year Average Follow-up
- 2024 Pauwels Lecturer, a special recognition by the German Congress of Orthopedics and Traumatology – DKOU (Deutscher Kongress für Orthopädie und Unfallchirurgie) – Berlin: “The Art and Science of Reverse Shoulder Arthroplasty)
- 2024 Wendel Orthopedic Clinician-Scientist Collaboration Award for the proposal entitled “A Novel Spike Device for Arthroscopic Rotator Cuff Repair: A Biomechanics Validation Study.”
- 2024 Premio Ulises otorgado por CTO Medicina “a su papel destacado en la investigación y práctica de la cirugía ortopédica, que han impulsado avances significativos en la atención al paciente.”
- 2025 ASES Bernard F. Morrey Award to Best Elbow Research: Micah Nieboer, MD, Christian Rosenow, MD, Jack KochBD, Jonathan Barlow MD, Joaquin Sanchez-Sotelo MD, PhD, Shawn O’Driscoll, MD, PhD, Mark Morrey MD: Cell Count and Differential of Aspirated Fluid in the Diagnosis of Periprosthetic Joint Infection of Total Elbow Arthroplasty
- 2025 ASES Foundation Leadership Award
- 2025 AlumniUAM (Universidad Autonoma de Madrid) in the field of Science, Technology and Health Sciences. Facultad de Medicina, Universidad Autonoma de Madrid, Spain. November 2025.

## **PROFESSIONAL SOCIETIES**

American Academy of Orthopedic Surgeons (AAOS)  
Fellow

American Shoulder and Elbow Surgeons (ASES)  
Active member

European Society for Surgery of the Shoulder and Elbow (SESEC)  
Corresponding member

Spanish Orthopedic Society - Sociedad Española de Cirugía Ortopédica y Traumatología (SECOT) - Active member

Asociacion Argentina de Ortopedia y Traumatologia (AAOT)  
Honorary member

Sociedad Colombiana de Cirugia Ortopedica y Traumatologia (SCCOT)  
Corresponding member

Sociedad Española de Cirugia de Hombro y Codo  
Active member

Sociedad Matritense de Cirugia Ortopedica y Traumatologia  
Active member

Asociacion Argentina de Cirugia de Hombro y Codo  
Honorary Member

Codman Shoulder Society  
Active Member

Global Elbow Network  
Founding Member

#### **PROFESSIONAL SOCIETY COMMITTEE ACTIVITIES**

1995	Scientific Committee Member, II Curso Básico de Patología de Rodilla and III Curso Internacional de Cirugía Reconstructiva de Rodilla, Madrid
1996	Scientific Committee Member, III Curso Básico de Patología de Rodilla and IV Curso Internacional de Cirugía Reconstructiva de Rodilla, Madrid
1996	Scientific Committee Member, Segundo Congreso de la Sociedad Española de Cirugía del Hombro y del Codo, Madrid
1998	EFFORT travelling fellowship-organizing committee Member
1999	Spanish Representative, 1999 Educational Exchange Program, American Academy of Orthopedic Surgeons and American Orthopedic Association
2002	Scientific Committee Member, XX Congreso de la Asociación Española de Artroscopia, Salamanca
2004	18th Annual Vail Orthopaedics Symposium. Upper Extremity. Vail, CO. Course Co-Director
2005	Spanish Board of Orthopedic Examiners Member
2009	Scientific Session IX – Elbow (Chairman) 22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-ESSSE) Madrid, Spain
2012	AAOS International Committee Member
2013	ASES Membership Committee

	Member
2018	Chair, ASES Task Force on Periprosthetic Joint Infection after Elbow Arthroplasty
2018	Chair, ASES Task Force on Social Media
2018	Program Director, 2018 ASES Specialty Day, New Orleans
2018	AAOS Joint Registry Shoulder and Elbow Steering Committee
2018	Board Member, American Shoulder and Elbow Surgeons
2019	Member, Near Circle of the American Shoulder and Elbow Surgeons
2020	Program Co-Director, ASES Fellows Curriculum Program
2020	Member, ASES Virtual Reality Task Force
2021 – Present	Board Member, American Shoulder and Elbow Surgeons
2024-2025	President, American Shoulder and Elbow Surgeons

## **EDITORIAL ACTIVITIES**

Associate Editor – Journal of Shoulder and Elbow Surgery (2012 – Present)  
 Associate Editor – Journal of Shoulder and Elbow Arthroplasty (2017-2020)  
 Associate Editor – Journal of Orthopedic Trauma (2017-2020)  
 Deputy Editor – Journal of Bone and Joint Surgery (2024-Present)

### Reviewer

- Journal of Bone and Joint Surgery, British Edition
- Journal of Bone and Joint Surgery, American Edition
- Journal of Orthopedic Trauma
- Clinical Orthopedics
- Journal of Shoulder and Elbow Surgery

Journal of the American Academy of Orthopedic Surgeons  
 Coordinator and member of the editorial board, Spanish edition 2002

Boletín Informativo de la SECOT  
 Editorial Board (1996 – 1998)

## **INSTITUTIONAL/DEPARTMENTAL ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE MEMBERSHIPS AND OTHER ACTIVITIES**

### **Mayo Clinic Rochester**

Program Director, Shoulder and Elbow Fellowship (past)  
 Chair, Orthopaedic Research Review Committee  
 Member, Orthopedic Research Committee  
 Member, Orthopedic Research Executive Committee  
 Member, Education Committee  
 Vice-Chair, Adult Reconstruction (past)  
 Chair, Division of Shoulder and Elbow Surgery

Liason, Media Relationships  
Medical Editor for Shoulder and Elbow Surgery – Mayo Foundation Medical Education and Research

## **RESEARCH GRANTS AWARDED**

- 2003 “Ramon y Cajal” Grant for Research in Orthopedic Surgery  
Ministerio de Ciencia y Tecnologia, Madrid Spain
- 2006 A Prospective, Randomized Study Comparing the Survival for X-3 Polyethylene to N2VAC Polyethylene when used with the Triathlon Posterior Stabilized (PS) Total Knee System. Funded by Stryker Orthopaedics. (STRYKER #6, 1A6284) - CoInvestigator
- 2011 Andrew A and Mary S Sugg Fund for Orthopedic Genetic Host Variation Research  
Awarded by the Department of Development  
Mayo Clinic Rochester MN
- 2018 USA NIH R01 “Pathologic Role of Inflammation and Mechanistic Analysis of Myofibroblastogenesis in Arthrofibrosis”.
- 2021 Mayo Clinic Department of Orthopedic Surgery Wendel Orthopedic Surgery Translational Research Award on “Artificial Intelligence Predictive Algorithms for Proximal Humerus Fracture Management”
- 2022 Wyles, Rouzrokh, Khosravi, Mulford, Yang, Sanchez-Sotelo, Larson, Erickson, Taunton: "Mitigating Race and Sex Bias in Orthopedic Surgery Radiographic Registries with Deep Learning Models" Mayo Clinic CDH AI/ML Enablement Award

## **IMPLANT DESIGN**

Stryker Corporation –Shoulder Arthroplasty Implants and Instruments

Stryker Tornier – Member of the Surgeon Advisory Board for Elbow Implants

Stryker Tornier – Member of the Surgeon Advisory Board for Shoulder Arthroplasty

Exactech – Upper extremity fracture fixation systems

Acumed – Distal humerus fracture plate fixation

Precision OS – Member of the Clinical Advisory Board

## **PATENTS**

*Muscle length measurement.* Inventors: Alexander W Hooke, Joaquin Sanchez-sotelo, Bassem T Elhassan Publication date 2022/8/4 Patent office US Application number 17623669

Platform fracture fixation implants. Application US18/464,952 events  
2023-09-11 Application filed by Exactech Inc 2023-09-11 Priority to US18/464,952  
2023-12-28 Publication of US20230414261A1 Status Pending – US Patent app  
US20230414261A1

Platform fracture fixation implants. US Patent application number US11751922B2 Filed by Exatech.

Acromion fracture repair system CP Roche, C Gaydos, M Bender, D Koogle, GS Athwal, J Sanchez-Sotelo US Patent App. 17/633,061 2022

Minimally invasive shoulder implant and method J Sanchez-Sotelo, D Viscardi  
US Patent 11,058,544 2021

## **BIBLIOGRAPHY**

### **Peer-reviewed articles**

1. Sanchez-Sotelo J, Cabanela MA. Componente acetabular no cementado hemiesférico en artroplastia de cadera primaria. Rev Ortop Traumatol 1998; 42:141-55.
2. Sanchez-Sotelo J, Gil Garay E, Fernández-Baillo N, Gonzalez Diaz R. Antepié rheumatoide: artroplastia versus artrodesis de la primera metatarsofalángica en el realineamiento metatarsal. Rev Ortop Traumatol 1998; 42:182-188.
3. Sanchez-Sotelo J, Munuera L. Artroplastia de cadera en el adulto joven. Rev Ortop Traumatol 1999; 43:53-66.
4. Sanchez-Sotelo J, Ordonez JM, Prats SB. Results and complications of the low contact stress knee prosthesis. J Arthroplasty 1999; 14:815-821.
5. Garcia-Cimbrelo, Cruz-pardos A, Cordero J, Sanchez-Sotelo J. Low-friction arthroplasty in patients younger than 40 years old: 20- to 35-year results. J Arthroplasty 2000; 15:825-832.
6. Sanchez-Sotelo J, Cabanela ME. Revision of the femoral component of total hip arthroplasty. [Spanish]. Rev Ortop Traumatol Ed Iber 2000; 44(2):178-93.

7. Sanchez-Sotelo J, Cabanela ME. Artroplastia de sustitución: estado actual. *Medicine* 2000; 8:96-102.
8. Sanchez-Sotelo J, Cabanela ME. Revisión del componente femoral en la artroplastia total de cadera. *Rev Ortop Traumatol* 2000; 44:178-83.
9. Sanchez-Sotelo J, Munuera L, Madero R, Chamorro L. Norian SRS en el tratamiento de las fracturas de la extremidad distal del radio. *Rev Ortop Traumatol* 2000; 44:370-383.
10. Sanchez-Sotelo J, Munuera L, Madero R. Treatment of fractures of the distal radius with a remodelable bone cement: a prospective, randomized study using Norian SRS. *J Bone Joint Surg* 2000; 82B:856-863.
11. Sanchez-Sotelo J, O'Driscoll SW, Torchia ME, Rowland CM, Cofield RH. Radiographic assessment of cemented humeral components in shoulder arthroplasty. *J Shoulder Elbow Surg* 2000; 10:526-531.
12. Sanchez-Sotelo J, Romanillos O, Gil Garay E. Results of acute excision of the radial head in elbow radial head fracture-dislocations. *J Orthop Trauma* 2000; 14:354-358.
13. Sanchez-Sotelo J, Sanchez Perez-Gruoso FJ. Cotrel-Dubousset instrumentation in neuromuscular spinal deformity. A five to eleven-year follow-up study. *Acta Orthop Belg* 2000; 66:69-76.
14. Sanchez-Sotelo J, McGrory BJ, Berry DJ. Acute periprosthetic fracture of the acetabulum associated with osteolytic pelvic lesions: a report of 3 cases. *J Arthroplasty* 2000 Jan; 15(1):126-30.
15. Blaine TA, Sanchez-Sotelo J. Radial head arthroplasty. *Semin Arthroplasty* 2001; 12:72-80.
16. Sanchez-Sotelo J, Torchia ME, O'Driscoll SW. Principle-based internal fixation of distal humerus fractures. *Tech Hand Up Extrem Surg* 2001; 5(4):179-87.
17. Sanchez-Sotelo J, Wright TW, O'Driscoll SW, Cofield RH, Rowland CM. Radiographic assessment of uncemented humeral components in total shoulder arthroplasty. *J Arthroplasty* 2001 Feb; 16(2):180-7.
18. Sanchez-Sotelo J, Berry DJ. Epidemiology of instability after total hip replacement. *Orthop Clin North Am* 2001 Oct; 32(4):543-52.

19. Sanchez-Sotelo J, O'Driscoll SW, Torchia ME, Cofield RH, Rowland CM. Radiographic assessment of cemented humeral components in shoulder arthroplasty. *J Shoulder Elbow Surg* 2001 Nov-Dec; 10(6):526-31.
20. Sanchez-Sotelo J, Cofield RH, Rowland CM. Shoulder hemiarthroplasty for glenohumeral arthritis associated with severe rotator cuff deficiency. *J Bone Joint Surg Am* 2001 Dec; 83A(12):1814-22.
21. O'Driscoll SW, Sanchez-Sotelo J, Torchia ME. Management of the smashed distal humerus. *Orthop Clin North Am* 2002 Jan; 33(1):19-33.
22. Antuna SA, Sperling JW, Sanchez-Sotelo J, Cofield RH. Shoulder arthroplasty for proximal humeral nonunions. *J Shoulder Elbow Surg* 2002 Mar-Apr; 11(2):114-21.
23. Antuna SA, Sperling JW, Sanchez-Sotelo J, Cofield RH. Shoulder arthroplasty for proximal humeral malunions: long-term results. *J Shoulder Elbow Surg* 2002 Mar-Apr; 11(2):122-9.
24. Sanchez-Sotelo J, Morrey BF, Adams RA, O'Driscoll SW. Reconstruction of chronic ruptures of the distal biceps tendon with use of an Achilles tendon allograft. *J Bone Joint Surg Am* 2002 Jun; 84A(6):999-1005.
25. Sanchez-Sotelo J, Berry DJ, Harmsen S. Long-term results of use of a collared matte-finished femoral component fixed with second generation cementing techniques - a fifteen-year-median follow-up study. *J Bone Joint Surg Am* 2002 Sep; 84A(9):1636-41.
26. Sanchez-Sotelo J, Berry DJ, Trousdale RT, Cabanela ME. Surgical treatment of developmental dysplasia of the hip in adults: II. Arthroplasty options. *J Am Acad Orthop Surg* 2002 Sep-Oct; 10(5):334-44.
27. Sanchez-Sotelo J, O'Driscoll S, Morrey BF. Periprosthetic humeral fractures after total elbow arthroplasty: treatment with implant revision and strut allograft augmentation. *J Bone Joint Surg Am* 2002 Sep; 84A(9):1642-50.
28. Sanchez-Sotelo J, Trousdale RT, Berry DJ, Cabanela ME. Surgical treatment of developmental dysplasia of the hip in adults: I. Nonarthroplasty options. *J Am Acad Orthop Surg* 2002 Sep-Oct; 10(5):321-33.
29. Sperling JW, Antuna SA, Sanchez-Sotelo J, Schleck C, Cofield RH. Shoulder arthroplasty for arthritis after instability surgery. *J Bone Joint Surg Am* 2002 Oct; 84A(10):1775-81.

30. Sanchez-Sotelo J, Morrey BF. Surgical techniques for reconstruction of chronic insufficiency of the triceps - rotation flap using anconeus and tendo Achilles allograft. *J Bone Joint Surg Br* 2002 Nov; 84B(8):1116-20.
31. Sanchez-Sotelo J. Fracturas de la extremidad distal del radio. Tratamiento conservador y papel de los sustitutivos oseos. *Rev Ortop Traumatol* 2003; 47(Suppl 1):13-20.
32. Sanchez-Sotelo J. Rehabilitacion del codo en traumatologia y cirugia ortopedica. *Medycyclops* 2003; 11(4):128-135.
33. Sanchez-Sotelo J, Sperling JW, Rowland CM, Cofield RH. Instability after shoulder arthroplasty: results of surgical treatment. *J Bone Joint Surg Am* 2003 Apr; 85A(4):622-31.
34. Sanchez-Sotelo J, Brawood SA, Blaine TA. Current concepts in elbow fracture care. *Curr Opin Orthop* 2004; 15:300-310.
35. Sanchez-Sotelo J. Instruments for assessing health status in orthopaedic surgery. [Spanish]. *Rev Ortop Traumatol Ed Lat Am* 2004; 48(4):304-14.
36. Sanchez-Sotelo J. Rehabilitacion del hombro en traumatologia y cirugia ortopedica. *Medycyclops* 2004; 12(1):22-31.
37. Sanchez-Sotelo J. Rehabilitacion de la artroplastia total de rodilla. *Medycyclops* 2004; 12(2):35-40.
38. Sanchez-Sotelo J, Lewallen DG, Harmsen WS, Harrington J, Cabanela ME. Comparison of wear and osteolysis in hip replacement using two different coatings of the femoral stem. *Int Orthop* 2004 Aug; 28(4):206-10.
39. Sanchez-Sotelo J. Fracturas de la extremidad proximal del humero. *Medycyclops* 2005; 13(1):1-7.
40. Sanchez-Sotelo J, Morrey BF, O'Driscoll SW. Ligamentous repair and reconstruction for posterolateral rotatory instability of the elbow. *J Bone Joint Surg Br* 2005 Jan; 87B(1):54-61.
41. Sanchez-Sotelo J, O'Driscoll SW, Morrey BF. Medial oblique compression fracture of the coronoid process of the ulna. *J Shoulder Elbow Surg* 2005 Jan-Feb; 14(1):60-4.
42. Garabito A, Martinez-Miranda J, Sanchez-Sotelo J. Augmented repair of acute Achilles tendon ruptures using gastrocnemius-soleus fascia. *Int Orthop* 2005 Feb; 29(1):42-6.

43. Lee GC, Sanchez-Sotelo J, Berry DJ. Total knee arthroplasty in patients with Paget's disease of bone at the knee. *J Arthroplasty* 2005 Sep; 20(6):689-93.
44. Sanchez-Sotelo J, Gipple J, Berry D, Rowland C, Cofield R. Primary hip arthroplasty through a limited posterior trochanteric osteotomy. *Acta Orthop Belg* 2005 Oct; 71(5):548-54.
45. Sanchez-Sotelo J, Haidukewych GJ, Boberg CJ. Hospital cost of dislocation after primary total hip arthroplasty. *Journal of Bone & Joint Surgery - American Volume* 2006 Feb; 88A(2):290-4.
46. Villanueva P, Osorio F, Commessatti M, Sanchez-Sotelo J. Tension-band wiring for olecranon fractures: Analysis of risk factors for failure. *J Shoulder Elbow Surg* 2006 May-Jun; 15(3):351-6.
47. Sanchez-Sotelo J, O'Driscoll SW, Morrey BF. Anteromedial fracture of the coronoid process of the ulna. *Journal of Shoulder & Elbow Surgery* 2006 Sep-Oct; 15(5):e5-8.
48. Sanchez-Sotelo J. Proximal humerus fractures. *Clin Anat* 2006 Oct; 19(7):588-98.
49. Sanchez-Sotelo J, Torchia ME, O'Driscoll SW. Complex distal humeral fractures: internal fixation with a principle-based parallel-plate technique. *J Bone Joint Am* 2007; 89:961-969.
50. Sanchez-Sotelo J. Estado actual de las tecnicas reparadoras del cartílago articular. *MC Medical* 2007; 15(1):1-5.
51. Sanchez-Sotelo J, Sperling JW, Morrey BF. Ninety-Day Mortality After Total Elbow Arthroplasty. *J Bone Joint Surg Am* 89: 1449-1451, 2007.
52. Sanchez-Sotelo J. Shoulder arthroplasty for osteoarthritis and rheumatoid arthritis. *Current Orthopaedics*. Vol.21, N. 6:405-414, 2007.
53. Cil A, Veillette CJH, Sanchez-Sotelo J, Morrey BF. Linked elbow replacement: a salvage procedure for distal humeral nonunion. *J Bone Joint Surg Am* 90: 1939-50, 2008.
54. Sanchez-Sotelo J, Berry DJ, Hanssen AD, Cabanela ME. Midterm to long-term followup of staged reimplantation for infected hip arthroplasty. *Clin Orthop Relat Res* 467: 219-24, 2009.
55. Robinson BC, Athwal GS, Sanchez-Sotelo J, Rispoli DM. Classification and imaging of proximal humerus fractures. *Orthop Clin North Am* 39(4): 393-403, 2008.

56. Cil A, Veillette CF, Sanchez-Sotelo J, Sperling JW, Schleck C, Cofield RH. Revision of the humeral component for aseptic loosening in arthroplasty of the shoulder. *J Bone Joint Surg Br* 91(1): 75-81, 2009.
57. Sanchez-Sotelo. Reverse total shoulder arthroplasty. *Clin Anat* 22: 172-82,-2009.
58. Nesterenko S, Morrey ME, Abdel MP, An KN, Steinmann SP, Morrey BF, Sanchez-Sotelo J. New rabbit model of post-traumatic joint contracture: indirect capsular drainage induces a severe contracture. *J Orthop Res* 22, 2009.
59. Piper KE, Jacobson MJ, Cofield RH, Sperling JW, Sanchez-Sotelo, J, Osmon DR, Steckelberg JM, Mandrekar HN, Fernandez Sampedro M, Patel R. Microbiologic diagnosis of prosthetic shoulder infection using implant sonification. *J Clin Microbiol* 2009.
60. Sanchez-Sotelo, J. Distal humeral nonunion. In Azar FM and O'Connor MI: *Instructional Course Lectures. Volume 58. American Academy of Orthopedic Surgeons.* 541-548, 2009.
61. Cil A, Veillette CJ, Sanchez-Sotelo J, Sperling JW, Schleck CD, Cofield RH. Survivorship of the humeral component in shoulder arthroplasty. *J Shoulder Elbow Surgery* 2010 Jan;19(1):143-150.
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Congruencia femororotuliana en mayores de 50 años  
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Spain 1995

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(Fernandez-Baillo N, Gil Garay E, Ruiz Yagüe M, González Díaz R, Sanchez-Sotelo J)  
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(Sanchez-Sotelo J, González Díaz R, Sanchez-Sotelo J, Moreno Beamud J, Martínez,  
Miranda J)  
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quirúrgico  
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Madrid, Spain 1997

Mid-Term Results and Complications of the LCS Knee Prosthesis  
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Abordaje por la concavidad en cifoescoliosis  
(Sanchez-Sotelo J, Sánchez Pérez-Grueso FJ, García-Fernández A)  
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Tratamiento quirúrgico en la corrección de la oblicuidad pélvica con técnica Isola-Galveston

(Izquierdo Nuñez E, Sánchez Pérez-Grueso FJ, Sanchez-Sotelo J)

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Spain 1997

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(Romanillos O, Sánchez-Sotelo J, Gil Garay E)

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CD Instrumentation in Neuromuscular Scoliosis: A Long-Term Follow-Up Outcome Analysis

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Belgium 1999

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(Sanchez-Sotelo J, Lewallen D, Harmsen SW, Cabanela ME)

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Shoulder Hemiarthroplasty for Cuff-Tear Arthropathy  
(Sanchez-Sotelo J, Rowland CM, Cofield RH)  
ASES Open Meeting 2001

Bipolar Shoulder Arthroplasty: A 2- to 7-year Follow-Up Study  
Poster presentation (Reboiras JJ, Fernandez R, H Gil C, Sanchez-Sotelo J)  
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(Fernandez R, Sanchez-Sotelo J, Reboiras JJ)  
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Spain 2002

Reconstrucción de la apófisis coronoides en los traumatismos complejos del codo  
Poster presentation (Tabuenca J, Gavin C, Chozas A, Sanchez-Sotelo J)  
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69 AAOS Annual Meeting 2002

Instability After Shoulder Arthroplasty: Results of Surgical Treatment  
Poster presentation (Sanchez-Sotelo J, Sperling JW, Rowland CM, Cofield RH)  
69 AAOS Annual Meeting 2002

Complex Distal Humerus Fractures: Results of a Principle-Based Internal Fixation Technique  
Poster presentation (Sanchez-Sotelo J, Torchia ME, O'Driscoll SW)  
69 AAOS Annual Meeting 2002

Periprosthetic Humeral Fractures After Total Elbow Arthroplasty: Treatment With Implant Revision and Strut Allograft Augmentation  
(Sanchez-Sotelo J, Morrey BF)  
69 AAOS Annual Meeting 2002

Long-Term Outcome of Ligamentous Reconstruction for Posterolateral Rotatory Instability of the Elbow  
(Sanchez-Sotelo J, Morrey BF, O'Driscoll SW)

69 AAOS Annual Meeting and ASES Open Meeting 2002

Roturas agudas del tendón de Aquiles: sutura y refuerzo con fascia gemelar  
(Garabito A, Sanchez-Sotelo J, M. Miranda J)  
40 Congreso Nacional SECOT  
Tenerife, Spain 2003

Tension Band Wiring for Olecranon Fractures: Analysis of Risk Factors for Failure  
(Villanueva P, Osorio F, Commessatti M, Sanchez-Sotelo J, Munuera L)  
6th Congress of the EFORT  
Helsinki, Finland 2003

Shoulder Arthroplasty for Arthritis Following Instability Surgery  
Poster P265 (Sperling JW, Antuna SA, Sanchez-Sotelo J, Schleck C, Cofield RH)  
70th Annual Meeting AAOS  
New Orleans, Louisiana 2003

Simple Bone Cyst Treatment with Percutaneous Remodellable Bone Cement Injection –  
A Prospective Randomized Comparative Study Versus Corticosteroid Injections  
Poster P466 (De las Heras J, Sanchez-Sotelo J, Martínez-Regueira MM, Munuera L)  
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New Orleans, Louisiana 2003

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(Barco R, Gil Garay E, Ruiz-Yagüe, Fernandez-Baillo N, Sanchez-Sotelo J)  
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Based Technique  
(O'Driscoll SW, Sanchez-Sotelo J, Torchia ME)  
AAOS/ASES Shoulder and Elbow Meeting  
Monterey, California 2004

Supervivencia del componente femoral en el reimplante en dos tiempos de la artroplastia  
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Elorriaga J, Sanchez-Sotelo J, Hanssen AD, Berry DJ, Cabanela ME  
42 Congreso Nacional SECOT  
Sevilla, Spain 2005

Tratamiento conservador de las fracturas de húmero proximal: factores pronósticos  
relacionados con la función precoz  
Foruria A, Reboiras JJD, Sanchez-Sotelo J, Munuera L  
42 Congreso Nacional SECOT  
Sevilla, Spain 2005

Validación de las versiones españolas de la escala de Constant, del Test Sencillo del Hombro y del Cuestionario de la ASES. Adaptación translingüística y transcultural  
Tabuenca J, Calvo E, Sanchez-Sotelo J, Fernández J  
42 Congreso Nacional SECOT  
Sevilla, Spain 2005

Osteosíntesis con cerclaje y agujas en las fracturas de olecranon: factores de riesgo  
Poster presentation (Sanchez-Sotelo J, Villanueva P, Osorio F, Commessatti M, Munuera L)  
VIII Congreso Sociedad Española de Hombro y Codo  
La Coruña, Spain 03/2005

Fracturas de húmero proximal: análisis radiológico, clasificación y tratamiento  
Poster presentation (Sanchez-Sotelo J, Sperling JW, Rowland CM, Cofield RH)  
VIII Congreso Sociedad Española de Hombro y Codo  
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Tratamiento conservador de las fracturas de húmero proximal: factores pronósticos relacionados con la función precoz  
(Foruria A, Reboiras JJD, Sanchez-Sotelo J, Munuera L)  
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La Coruña, Spain 03/2005

Osteosíntesis intra- o extramedular en las fracturas en dos y tres partes de húmero proximal. Estudio prospectivo y aleatorizado  
(Sanchez-Sotelo J, Foruria A)  
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Validación de las versiones españolas de la escala de Constant, del Test Sencillo del Hombro y del Cuestionario de la ASES. Adaptación translingüística y transcultural  
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VIII Congreso Sociedad Española de Hombro y Codo  
La Coruña, Spain 03/2005

Osteosíntesis en humero proximal con placa y tornillo bloqueados (LCP-PHILOS) versus enclavado intramedular con lamina bloqueada (PHN): Estudio biomecánico en cadáver  
Foruria A, Carrascal T, Sanchez-Sotelo J, Revilla C, Munuera L.  
XVI Congreso SOMACOT  
Aranjuez, Madrid, Spain 2005

All Polyethylene Tibias for Osteoarthritic Patients Under 65: 10 Year Average Follow-Up in 102 Patients  
Poster presentation (Pagnano MW, Trousdale RT, Sanchez-Sotelo J, Jacofsky DJ)  
72nd Annual Meeting of the American Academy of Orthopedic Surgeons

Washington, District of Columbia 02/2005

Ninety-day Mortality After Total Elbow Arthroplasty

Sanchez-Sotelo J, Sperling JW, Morrey BF

20th Congress of the European Society for Surgery of the Shoulder and the Elbow (ESSSE)

Athens, Greece 09/2006

Fixed-Angle Intramedullary Nail Versus Blade Plate Fixation for Proximal Humerus Fractures

Sanchez-Sotelo J, Foruria AM, Munuera L,

20th Congress of the European Society for Surgery of the Shoulder and the Elbow (ESSSE)

Athens, Greece 09/2006

Biomechanical Evaluation of Proximal Humeral Fracture Fixation using a Locking Plate or a Fixed-Angle Locked Nail

Foruria AM, Carrascal MT, Munuera L, Sanchez-Sotelo J

20th Congress of the European Society for Surgery of the Shoulder and the Elbow (ESSSE)

Athens, Greece 09/2006

Enclavado Intramedular Bloqueado con Lamina Espiral Para el Tratamiento de las Fracturas de Húmero Proximal.

Foruria AM, Sanchez-Sotelo J, Munuera L

43 SECOT Annual Meeting

Barcelona, Spain 10/2006

Mid-term to long-term follow-up of two-stage reimplantation for infected total hip arthroplasty

Poster

AAOS Annual Meeting

Chicago, Illinois 03/2006

Revision of total elbow arthroplasty by exchange cementation

Malone A, Sanchez-Sotelo J, Adams R, Morrey BF

10th ICSS

Salvador, Brazil 09/2007

Arthroscopic synovectomy of the elbow in inflammatory arthritis

Sanchez-Sotelo J, Cil A, Veillette C, O'Driscoll SW, Morrey BF

10th ICSS

Salvador, Brazil 09/2007

Linked elbow replacement: a salvage procedure for distal humeral nonunion

Cil A, Veillette C, Sanchez-Sotelo J, Morrey BF (poster)

10th ICSS  
Salvador, Brazil 09/2007

Revision of the humeral component due to aseptic loosening after shoulder replacement surgery  
Cil A, Veillette C, Sanchez-Sotelo J, Sperling JW, Schleck C, Harmnsen S, Cofield RH  
10th ICSS  
Salvador, Brazil 09/2007

Internal fixation using a parallel-plate principle-based technique for distal humerus nonunion  
Sanchez-Sotelo J, O'Driscoll SW  
10th ICSS  
Salvador, Brazil 09/2007

Displaced Proximal Humerus Fractures in the Elderly Can be Reliably Fixed  
(Poster)  
American Academy of Orthopaedic Surgeons Annual Meeting  
San Diego, California 02/2007

Linked Elbow Replacement: A Salvage Procedure for Distal Humeral Nonunion  
Morrey BF, Cil A, Veillette CJH, Sanchez-Sotelo J  
25th ASES closed meeting  
Dallas, Texas 10/2007

Survivorship Analysis of the Glenoid Component in Total Shoulder Arthroplasty  
Cofield RH, Fox TJ, Cil A, Sperling JW, Sanchez-Sotelo J, Schleck C  
25th ASES closed meeting  
Dallas, Texas 10/2007

Reconstruction of the proximal humerus for bone neoplasm using an anatomic shoulder prosthesis.  
(Poster: Veillette C, Cil A, Sanchez-Sotelo J, Sperling JW, Cofield RH)  
75th Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Francisco, California 03/2008

Revision of total elbow arthroplasty by exchange cementation  
Malone A, Sanchez-Sotelo J, Adams RA, Morrey BF  
ASES 2008 Closed Meeting  
Santa Barbara, California 09/2008

Failure mechanisms of semiconstrained total elbow arthroplasty for posttraumatic arthritis: a 2 to 23 year follow-up study  
Throckmorton TW, Zarkadas PC, Sanchez-Sotelo J, Morrey BF  
ASES 2008 Closed Meeting  
Santa Barbara, California 09/2008

Revision of total elbow arthroplasty by exchange cementation.  
(Morrey BF, Malone A, Adams R, Sanchez-Sotelo J)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

The surgical management of Mayo U-II periprosthetic elbow fractures.  
(Foruria AM, Oh L, Sanchez-Sotelo J, Morrey BF)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

The surgical management of Mayo U-II periprosthetic elbow fracture.  
(Foruria AM, Oh L, Sanchez-Sotelo J, Morrey BF)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

Fracture pattern and initial displacement predict outcome in proximal humerus fractures.  
(Foruria A, Munuera L, Marti M, Sanchez-Sotelo J)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

Long-term outcome of resection arthroplasty for the salvage of the infected total elbow  
arthroplasty.  
(Sanchez-Sotelo J, Zarkadas PC, Cass B, Throckmorton T, Morrey BF)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

Linked semiconstrained total elbow arthroplasty in rheumatoid arthritis: A 2-25 year  
follow-up study of 461 consecutive cases.  
(Sanchez-Sotelo J, Morrey BF)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

Revision total elbow arthroplasty with positive intraoperative cultures: Value of  
perioperative testing and influence on outcome.  
(Poster: Foruria AM, Oh L, Sanchez-Sotelo J, Morrey BF)  
22nd Congress of the European Society for Surgery of the Shoulder and Elbow (SESEC-  
ESSSE)  
Madrid, Spain 09/2009

Hip and Knee Arthroplasty in Hypophosphatemic Rickets (poster)  
Larson AN, Sanchez-Sotelo J, Trousdale RT, Pagnano MW, Hanssen AD, Lewallen DG  
27th Annual Meeting, Mid-America Orthopaedic Association  
Amelia Island, Florida 04/2009

Value of Perioperative Testing for Detection of Subclinical Infection After Total Elbow Arthroplasty. Melvin Post Award  
Oh F, Foruria AM, Sanchez-Sotelo J, Morrey BF  
Biennial AAOS/ASES shoulder and elbow meeting  
Aventura, Florida 04/2009

“Parallel-plating” internal fixation and humeral shortening for low distal humerus nonunions associated with severe structural bone loss  
Sanchez-Sotelo J, O’Driscoll SW  
Biennial AAOS/ASES shoulder and elbow meeting  
Aventura, Florida 04/2009

Linked semiconstrained total elbow arthroplasty in rheumatoid arthritis: a 2 to 25 year follow-up study of 461 consecutive cases.  
Closed ASES meeting  
New York, New York 10/2009

Triceps function after infection in total elbow arthroplasty.  
(Duquin TR, Jacobson JA, Sanchez-Sotelo J, Morrey BF)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

The surgical management of Mayo UII periprosthetic ulnar elbow fractures.  
(Foruria de Diego AM, Sanchez-Sotelo J, Oh LS, Adams RA, Morrey BF)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

The long-term outcome of total elbow arthroplasty in juvenile rheumatoid arthritis.  
(Jacobson J, Duquin TR, Morrey BF, Sanchez-Sotelo J)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Reconstruction of the proximal humerus for bone neoplasm using an anatomic prosthesis.  
(Veillette CJ, Cil A, Sanchez-Sotelo J, Sperling JW, Shives TC, Cofield RH)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Ulnar component surface finish influenced the outcome of primary total elbow arthroplasty  
(Sanchez-Sotelo J, Jeon IH, Morrey BF)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting

Edinburgh, United Kingdom 09/2010

Outcomes of revision total elbow arthroplasty in patients with juvenile rheumatoid arthritis.

(Jacobson JA, Duquin TR, Morrey BF, Sanchez-Sotelo J)

11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Mode of failure of metal radial head prostheses: Analysis of factors influencing failure in 47 revisions.

(Van Riet RP, Sanchez-Sotelo J, Morrey BF)

11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Value of perioperative testing in the detection of subclinical infection after failed total elbow arthroplasty.

(Oh LS, Sanchez-Sotelo J, Foruria AM, Morrey BF)

11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Influence of coronoid fracture on elbow stability: A kinematic study based on new clinical relevant fracture classification.

(Jeon IH, Sanchez-Sotelo J, Steinmann S, tagu K, An K, Morrey BF)

11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Coronoid fracture fixation and radial head replacement using a monopolar or bipolar implant to improve elbow stability and kinematics.

(Sanchez-Sotelo J, Hartzler R, Llusa M, Steinmann SP, An K-N, Morrey BF)

11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Biomechanical effects of joint contractures on contralateral normal rabbit limbs.

(Poster) Abdel MP, Morrey ME, An K-N, Steinmann SP, Sanchez-Sotelo J, Morrey BF

56th Annual Meeting of the Orthopaedic Research Society (ORS)  
New Orleans, Louisiana 03/2010

Does intra-articular decorin reduce contractures in a new rabbit model of joint fibrosis?

(Poster) Abdel MP, Morrey ME, An K-N, Steinmann SP, Sanchez-Sotelo J, Morrey BF

56th Annual Meeting of the Orthopaedic Research Society (ORS)  
New Orleans, Louisiana 03/2010

Value of perioperative testing for detection of subclinical infection after total elbow arthroplasty.

(oh F, Foruria AM, Sanchez-Sotelo J, Morrey BF)

7th Biennial AAOS/ASES Shoulder and Elbow Meeting

Aventura, Florida 04/2010

"Parallel-plating" internal fixation and humeral shortening for low distal humerus nonunions associated with severe structural bone loss.

(Sanchez-Sotelo J, O'Driscoll SW)

7th Biennial AAOS/ASES Shoulder and Elbow Meeting

Aventura, Florida 04/2010

Activities after total elbow arthroplasty.

(Sanchez-Sotelo J, Barlow JD, O'Driscoll SW, Steinmann SP, Morrey BF)

Closed ASES Meeting

Scottsdale, Arizona 10/2010

The effect of coronoid fracture fixation and radial head replacement using a monopolar or bipolar implant on elbow stability and kinematics.

(Steinmann SP, Hartzler RU, Llusa M, Morrey BF, Sanchez-Sotelo J)

Closed ASES Meeting

Scottsdale, Arizona 10/2010

Reverse shoulder arthroplasty in inflammatory arthritis.

(Poster) Hattrup S, Sanchez-Sotelo J, Sperling J, Cofield RH.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

Bilateral simultaneous total elbow arthroplasty in inflammatory arthritis.

Cil A, O'Driscoll SW, Morrey BF, Sanchez-Sotelo J.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

Proximal humerus fractures treated conservatively settle during fracture healing.

(Poster) Foruria AM, Marti de Gracia M, Larson DR, Munuera L, Sanchez-Sotelo J.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

Complications of internal fixation for distal humerus fractures: A shift over time.

(Poster) Lawrence T, Ahmadi S, Morrey BF, Sanchez-Sotelo J.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

Revision reverse shoulder arthroplasty for instability after anatomic shoulder arthroplasty.

(Poster) Abdel M, Hattrup S, Sperling JW, Cofield RH, Sanchez-Sotelo J.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

Early versus delayed rehabilitation for reverse shoulder arthroplasty in cuff tear arthropathy.  
Peterson T, Wood-Wentz C, Sperling JW, Steinmann SP, Cofield RH, Sanchez-Sotelo J.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

The value of intraoperative pathology for the diagnosis of infection in total elbow arthroplasty.  
Ahmadi S, Lawrence T, Morrey BF, Sanchez-Sotelo J.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

The value of intraoperative pathology for the diagnosis of infection in revision shoulder arthroplasty.  
(Poster) Ahmadi S, Lawrence T, Sanchez-Sotelo J, Cofield RH, Sperling JW.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

Heterotopic ossification after surgery for fractures and fracture-dislocations involving the proximal radius or ulna.  
(Poster) Foruria AM, Agustin S, Morrey BF, Sanchez-Sotelo J.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

Activities after total elbow arthroplasty.  
Barlow JD, O'Driscoll SW, Morrey BF, Steinmann SP, Sanchez-Sotelo J  
AAOS Annual Meeting  
San Diego, California 02/2011

Shoulder arthroplasty for proximal humerus nonunions.  
Duquin T, Jacobson J, Sperling JW, Sanchez-Sotelo J, Cofield RH  
AAOS Annual Meeting  
San Diego, California 02/2011

Radial nerve palsy following humeral revision in total elbow arthroplasty  
Poster--Throckmorton T, Zarkadas PC, Sanchez-Sotelo J, Morrey BF  
AAOS Annual Meeting  
San Diego, California 02/2011

Reverse shoulder arthroplasty for instability after anatomic arthroplasty.  
Abdel MP, Hattrup SJ, Sperling JW, Cofield RH, Kreofsky CR, Sanchez-Sotelo J  
AAOS Annual Meeting  
San Diego, California 02/2011

The long-term outcome of total elbow arthroplasty in juvenile rheumatoid arthritis.  
Poster--Jacobson J, Duquin T, Morrey BF, Sanchez-Sotelo J  
AAOS Annual Meeting  
San Diego, California 02/2011

The long-term outcome of total elbow arthroplasty in juvenile rheumatoid arthritis.  
Jacobson J, Duquin T, Morrey BF, Sanchez-Sotelo J  
2011 ASES Open Meeting  
San Diego, California 02/2011

Heterotopic ossification after elbow fractures and fracture-dislocation of the radius and ulna.  
Poster--Foruria A, Agustin S, Morrey BF, Sanchez-Sotelo J  
AAOS Annual Meeting  
San Diego, California 02/2011

Myofibroblast numbers are increased early in a rabbit joint contracture model.  
(Abdel MP, Morrey ME, Barlow JD, Kreofsky CR, An KN, Steinmann SP, Morrey BF, Sanchez-Sotelo J)  
ORS Meeting  
Long Beach, California 02/2011

Limited capsular release reduces flexion contracture in a rabbit model of arthrofibrosis.  
(Barlow JD, Hartzler RU, Abdel MP, Morrey ME, Steinmann SP, Sanchez-Sotelo J, Morrey BF)  
ORS Meeting  
Long Beach, California 02/2011

Gene expression profiles over time of fibrosis in a rabbit knee model of joint contracture.  
(Abdel MP, Morrey ME, Barlow JD, Grill DE, An KN, Steinmann SP, Morrey BF, Sanchez-Sotelo J)  
ORS Meeting  
Long Beach, California 02/2011

Adjuvant rosiglitazone does not increase the effectiveness of surgical release in a model of arthrofibrosis.  
(Barlow JD, Hartzler RU, Abdel MP, Morrey ME, Steinmann SP, Sanchez-Sotelo J, Morrey BF)  
ORS Meeting  
Long Beach, California 02/2011

Heterotopic ossification after surgery for fractures and fracture-dislocations involving the proximal radius or ulna.

Foruria AM, Agustin S, Morrey BF, Sanchez-Sotelo J.

American Shoulder and Elbow Surgeons 2011 Closed ASES Meeting

White Sulphur Springs, West Virginia 10/2011

Gene expression profiles over time of fibrosis in a rabbit knee model of joint contracture.

(Poster) Abdel M, Morrey M, Barlow J, An K, Steinmann SP, Morrey BF, Sanchez-Sotelo J.

2011 Minnesota Orthopedic Association Meeting

Minneapolis, Minnesota 04/2011

Revision reverse shoulder arthroplasty for instability after anatomic shoulder arthroplasty.

Abdel M, Hattrip S, Sperling JW, Cofield RH, Sanchez-Sotelo J.

2011 Minnesota Orthopedic Association Meeting

Minneapolis, Minnesota 04/2011

Myofibroblast numbers are preferentially expressed early in a permanent rabbit model of joint contractures.

(Poster) Abdel M, Morrey M, Barlow J, An K, Steinmann SP, Morrey BF, Sanchez-Sotelo J.

2011 Minnesota Orthopedic Association Meeting

Minneapolis, Minnesota 04/2011

Reverse shoulder arthroplasty in inflammatory arthritis.

(Poster) Hattrip S, Sanchez-Sotelo J, Sperling J, Cofield RH.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

Bilateral simultaneous total elbow arthroplasty in inflammatory arthritis.

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Lyon, France 09/2011

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(Poster) Foruria AM, Marti de Gracia M, Larson DR, Munuera L, Sanchez-Sotelo J.

23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).

Lyon, France 09/2011

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Lyon, France 09/2011

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(Poster) Abdel M, Hattrip S, Sperling JW, Cofield RH, Sanchez-Sotelo J.  
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Lyon, France 09/2011

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Lyon, France 09/2011

The value of intraoperative pathology for the diagnosis of infection in total elbow arthroplasty.  
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Lyon, France 09/2011

The value of intraoperative pathology for the diagnosis of infection in revision shoulder arthroplasty.  
(Poster) Ahmadi S, Lawrence T, Sanchez-Sotelo J, Cofield RH, Sperling JW.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

Heterotopic ossification after surgery for fractures and fracture-dislocations involving the proximal radius or ulna.  
(Poster) Foruria AM, Agustin S, Morrey BF, Sanchez-Sotelo J.  
23rd Congress of the European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE).  
Lyon, France 09/2011

Abdel M, Morrey M, Grill D, Kolbert C, An K, Steinmann SP, Sanchez-Sotelo J, Morrey BF. Effects of Joint Contracture on the Contralateral Unoperated Limb in a Rabbit Knee Contracture Model: A Biomechanical and Genetic Study. Podium Presentation. 2012 Minnesota Orthopaedic Association meeting. April 27<sup>th</sup>, 2012.

Hartigan DE, Cofield RH, Sperling JW, Veilliette CV, Shives TC, Sanchez-Sotelo J. Reconstruction of the proximal humerus for bone neoplasm using an anatomic prosthesis-

bone graft composite. Podium presentation. 2012 Mid-America Orthopaedic Association, Bonita Springs, Florida.

Puskas G, Morrey BF, Sanchez-Sotelo J. Aseptic loosening rate of the humeral stem in the Coonrad-Morrey total elbow arthroplasty: does length matter? 2012 Closed ASES Meeting. Sea Island Resort. Georgia. October 2012. Poster Presentation.

Lawrence TM, Foruria AM, Agustin S, Morrey BF, Sanchez-Sotelo J. Heterotopic ossification after surgery for distal humerus fractures. 2012 Closed ASES Meeting. Sea Island Resort. Georgia. October 2012. Poster Presentation.

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Pulido L, Abdel M, Lewallen DG, Sanchez-Sotelo J, Stuart MJ, Hanssen AD, Pagnano MW. A randomized clinical trial of 260 TKA: Porous-metal tibial components were reliable and durable at 5 years. (Oral Presentation). 2013 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). Chicago, IL. March 2013.

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Streubel PN, Simone JP, Morrey BF, Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures: long-term outcomes. Poster Presentation. 2013 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). Chicago, IL. March 2013.

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Simone JP, Streubel PN, Sanchez-Sotelo J, Morrey BF. Low transcondylar fractures of the distal humerus: results of open reduction and internal fixation. Poster Presentation. 2013 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). Chicago, IL. March 2013.

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Baghdadi YM, Morrey BF, **Sanchez-Sotelo J**. Anconeus interposition arthroplasty for reconstruction of the radiocapitellar and/or proximal radioulnar joint. Paper presentation. AAOS 2014, New Orleans, LA.

Baghdadi YM, Morrey BF, O'Driscoll SW, Steinmann SP, **Sanchez-Sotelo J**. Allograft ligament reconstruction for post-traumatic elbow posterolateral rotatory instability. Paper presentation. AAOS 2014, New Orleans, LA.

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Wagner ER, Griffith TB, Houdek M, Cofield RH, **Sanchez-Sotelo J**, Sperling JW, Elhassan B. Outcomes of glenoid bone grafting in revision reverse total shoulder arthroplasty. Paper presentation. AAOS 2014, New Orleans, LA.

Wagner ER, Houdek M, Cofield RH, **Sanchez-Sotelo J**, Sperling JW. Intraoperative periprosthetic fractures in revision reverse shoulder arthroplasty: 132 consecutive cases. Paper presentation. AAOS 2014, New Orleans, LA.

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Alfonso Fernandez A, Ayerdi Salazar E, Ferrer Frias A, De la Red Gallego M, Rodriguez Lopez T, Perez Carro L, Perez Nunez M, **Sanchez-Sotelo J**. An uncommon tumor located in the Elbow. Poster Presentation. Effort 2014. London, UK.

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Jo S, Cil A, Wiater JM O’Driscoll SW, Morrey BF, Morrey M, Sanchez-Sotelo J. Single-stage bilateral total elbow arthroplasty is safe, reliable and cost-effective in rheumatoid arthritis. AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015 (Paper).

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Dennison T, Baghdadi Y, Sanchez-Sotelo J, Cofield RH, Sanchez-Sotelo J. Two-stage reimplantation for the treatment of deep infection after shoulder arthroplasty. AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015 (Poster).

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Statz J, Schoch BS, Sanchez-Sotelo J, Sperling J, Cofield RH. Shoulder arthroplasty for locked anterior dislocation of the shoulder. 2016 AAOS Annual Meeting. Orlando, March 2016. (Poster)

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Statz, Wagner, Houdek, Cofield, Sanchez-Sotelo, Elhassan, Sperling. Outcomes of Primary Reverse Shoulder Arthroplasty in Patients With Morbid Obesity. MAOA 2016 Annual Meeting. Bonita Sprins, FL – 2016. (paper)

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Aibinder WR, Schoch BS, Sperling JW, Sanchez-Sotelo J, Cofield RH. Safety and efficacy of shoulder arthroplasty following lower extremity periprosthetic joint infection. Minnesota Orthopedic Association. May 13 2016. Poster.

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Willemot L, Shandiz MA, Zhao K, Sanchez-Sotelo J, Verborgt O. Distal Tibia And Glenoid Allografts Are Best For Restoration Of Overall Glenoid Congruency In Scapulae With An Anterior Glenoid Rim Defect. Abstract #73. Closed SESEC Meeting. September 2016.

Sanchez-Sotelo J, Alentorn-Geli E, Wanderman N, Assenmacher AT, Sperling, Cofield RH. Anatomic Shoulder Arthroplasty with Plication of the Posterior Capsule Compared to Reverse Shoulder Arthroplasty for Osteoarthritis with B2 Glenoid: A Matched Cohort Study. Paper #29. 2016 ASES Annual Meeting. October 2016.

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Robinson WA, Wagner ER, Sanchez-Sotelo J, Cofield RH, Sperling JW. Long term outcomes of humeral head replacement for the treatment of osteoarthritis: a report of 44 arthroplasties with a minimum 10 years of follow-up. 2017 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). San Diego CA. (paper).

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Schoch B, Aibinder WR, Walters J, Sperling JW, Throckmorton TW, Sanchez-Sotelo J, Duquin TR. Are Outcomes Of Uncemented Reverse Shoulder Arthroplasty For Acute Proximal Humerus Fractures Equivalent To Cemented Stems? ASES 2017 Specialty Day. San Diego, CA (paper).

Gauci, Chaoui, Sanchez-Sotelo, Athwal, Boileau, Walch: Three-Dimensional Morphometric Assessment Of Normal Shoulder With Automatic Software: Humeral Head Direction Is Correlated With Glenoid Orientation. 27th Congress of the European Society for Surgery of the Shoulder and the Elbow Berlin, September 13-16, 2017. (Poster).

Shukla, Lee, Nguyen, Sanchez-Sotelo: Guidelines For Evidence-Based Prevention Of Prosthetic Shoulder Infection Are Lacking: A Survey Of Shoulder Surgeons. 27th Congress of the European Society for Surgery of the Shoulder and the Elbow Berlin, September 13-16, 2017. (Poster).

Camp CL, Shields MN, O'Driscoll SW, Sanchez-Sotelo J. Lateral ulnar collateral ligament reconstruction for posterolateral rotatory instability of the elbow. OVT46. 2018 AAOS Annual Meeting, New Orleans (Video)

Camp CL, Altcheck DW, Boddapati V, Degen R, Dines JS, Sanchez-Sotelo J. Basics of elbow arthroscopy. OVT 51. 2018 AAOS Annual Meeting, New Orleans (Video)

Lee J, Shukla D, Meugin H, Sperling JW, Cofield RH, Sanchez-Sotelo J. Reverse total shoulder arthroplasty for proximal humerus nonunion: the effect of prior internal fixation. 2018 AAOS Annual Meeting, New Orleans (Podium presentation)

Shukla D, Lee J, Nguyen NT, Sanchez-Sotelo J. Guidelines for evidence-based prevention of prosthetic shoulder infection are lacking: a survey of shoulder surgeons. 2018 AAOS Annual Meeting, New Orleans (Poster presentation).

Shukla D, Greenwood K, Patel R, Cofield RH, Sperling JW, Sanchez-Sotelo J. Positive cultures for *Propionibacterium acnes* are exceedingly rare in arthritic shoulders undergoing primary arthroplasty in the absence of prior surgery. 2018 AAOS Annual Meeting, New Orleans (Poster presentation).

Wagner ER, Hevesi M, Houdek MT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Revision reverse shoulder arthroplasty for a failed primary reverse prosthesis. 2018 AAOS Annual Meeting, New Orleans (Poster presentation).

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Werthel JD, Walch G, Vegehan E, Deransart P, Sanchez-Sotelo J, Valenti, P. "Latéralisation de la prothèse inversée d'épaule: analyse descriptive de la latéralisation humérale et glénoïdienne." 93ème Réunion Annuelle SOFCOT, Paris 12 au 15 Novembre 2018.

Kang J, Dubiel M, Cofield RH, Steinmann SP, Elhassan BT, Morrey ME, Sperling JW, Sanchez-Sotelo J. Primary Reverse Shoulder Arthroplasty Using Contemporary Implants Is Associated with Very Low Reoperation Rates. 2018 ASES Fellow's Day Symposium. San Diego, CA, USA. June 2018.

Dubiel M, Kang, M, Cofield RH, Sanchez-Sotelo J, Sperling JW. Referral to a Tertiary Center for Primary Reverse Arthroplasty Did Not Reflect Higher Complexity or Comorbidities. 2018 ASES Fellow's Day Symposium. San Diego, CA, USA. June 2018.

Eduard Alentorn-Geli, Andrew T. Assenmacher, Nicholas J. Clark, Brian T. Samuelsen, Robert H. Cofield, John W. Sperling, Joaquin Sanchez-Sotelo. Primary reverse shoulder arthroplasty in patients older than 80 years. 28<sup>th</sup> SECEC-ESSSE Congress, Geneva 2018. – Paper (podium) presentation.

Eric Wagner, Mario Hevesi, Matthew T. Houdek, Robert H. Cofield, John W. Sperling, Joaquin Sanchez-Sotelo. Revision reverse shoulder arthroplasty for a failed primary reverse prosthesis. 28<sup>th</sup> SECEC-ESSSE Congress, Geneva 2018. - Paper (podium) presentation.

Bradley Schoch, William Aibinder, Jordan Walters, John Sperling, Thomas Throckmorton, Joaquin Sanchez-Sotelo, Thomas Duquin. Outcomes of uncemented reverse shoulder arthroplasty for proximal humerus fractures compared to cemented stems. 28<sup>th</sup> SECEC-ESSSE Congress, Geneva 2018. - Paper (podium) presentation.

Aibinder WR, Bartels DW, Sperling JW, Sanchez-Sotelo J. Mid-term radiographic results of a cementless micro humeral component in anatomic and reverse shoulder arthroplasty. 28<sup>th</sup> SECEC-ESSSE Congress, Geneva 2018. - Poster presentation.

Lee J, Nguyen NTV, Shukla DR. Sperling JW, Cofield RH, Sanchez-Sotelo J. Shoulder arthroplasty in patients with upper extremity lymphedema may result in transient or permanent lymphedema worsening. 28<sup>th</sup> SECEC-ESSSE Congress, Geneva 2018. - Poster presentation.

Joaquin Sanchez-Sotelo, MD, PhD, Jason R. Kang, MD, Matthew J. Dubiel, MD, Robert H. Cofield, MD, Scott P. Steinmann, MD, Bassem T. Elhassan, MD, Mark E. Morrey, MD, John W. Sperling, MD, MBA. Primary Reverse Shoulder Arthroplasty Using Contemporary Implants is Associated with Very Low Reoperation Rates. 2018 ASES Annual Meeting. Chicago IL – Paper presentation.

Jonathan D. Barlow, MD, MS, Anthony L. Logli, MD, Scott P. Steinmann, MD, Stephen A. Sems, MD, WC Cross, MD, Brandon J. Yuan, MD, Michael E. Torchia, MD, Joaquin

Sanchez-Sotelo, MD, PhD. Locking-Plate Fixation of Proximal Humerus Fractures in Patients over 60 Continues to be Associated with a High Complication Rate. 2018 ASES Annual Meeting. Chicago IL – Paper presentation.

Sanchez-Sotelo J, Aibinder W, Doolittle D, Wenger D, Elhassan BE. How common is fatty infiltration of the teres minor in patients with shoulder pain? A review of 7,367 consecutive MRI scans. 2018 ASES Annual Meeting. Chicago IL – Poster presentation.

Elhassan BE, Wagner ER, Sanchez-Sotelo J. Outcome of arthroscopically assisted lower trapezius transfer to reconstruct massive irreparable posterosuperior rotator cuff tears. 2018 ASES Annual Meeting. Chicago IL – Poster presentation.

Bender M, Roche C, Mohajer N, Sanchez-Sotelo J, Egol K, Athwal G, Kralinger F, Scheibel M: Three-Dimensional Comparative Analysis of the Axial Curvature of the Proximal Humerus in Males and Females. Orthopedic Research Society 2019 Meeting. February 2-5, 2019. Austin Tx – Poster presentation.

Salib C, Reina N, Trousdale WH, Limberg AK, Tibbo ME, Jay AG, Robin JW, Turner TW, Jones CR, Paradise CR, Lewallen EA, Carter J, Berry DJ, Morrey ME, Sanchez-Sotelo J, Abdel M. Inhibition Of COX-2 Pathways As Potential Prophylaxis Against Arthrofibrogenesis In A Rabbit Model Of Joint Contracture. Orthopedic Research Society 2019 Meeting. February 2-5, 2019. Austin Tx – Poster presentation.

Tibbo ME, Limberg AK, Salib CG, Jay AG, Turner TW, McLaury AR, Carter JM, Berry DJ, Morrey ME, Sanchez-Sotelo J, van Wijnen AJ, Abdel MP. Evaluating the Effects of Celecoxib and Ketotifen in a Rabbit Model of Arthrofibrosis. Orthopedic Research Society 2019 Meeting. February 2-5, 2019. Austin Tx – Poster presentation.

Elhassan BE, Wagner E, Sanchez-Sotelo J. Outcome Of Arthroscopically Assisted Lower Trapezius Transfer To Reconstruct Massive Irreparable Posterior-Superior Rotator Cuff Tears. 12th Biennial ISAKOS Congress, Cancun, Mexico, May 12-16, 2019 – Poster presentation.

Merolla G, Sperling JW, Sanchez-Sotelo J, Duquin TR, Moroder P, Antuna S, Kirsch J, Walch G, Porcellini G, Paladini P. From the Grammont prosthesis to the contemporary reverse arthroplasty: evolution of the design of reverse total shoulder arthroplasty. Scientific Exhibit. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Duethman NC, Aibinder WR, Sperling JW, Cofield RH, Sanchez-Sotelo J. Scapular notching as a function of glenoid component position: a detailed radiographic analysis at mid-term follow-up. Poster. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Wu IT, Desai V, Mangold DR, Bernard CD, Camp CL, Dahm D, Sanchez-Sotelo J, Barlow JD, Krych AJ. Comparable clinical outcomes between knotless and knot-tying anchors for arthroscopic repair of recurrent anterior glenohumeral instability at mean 4.8 year follow-up. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

ElHassan BT, Wagner ER, Sanchez-Sotelo J. Outcome of arthroscopically-assisted lower trapezius transfer to reconstruct massive irreparable postero-superior rotator cuff tears. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Lee J, Nguyen NT, Shukla D, Sperling JW, Cofield RH, Sanchez-Sotelo J. Shoulder arthroplasty in patients with upper extremity lymphedema may result in transient or permanent lymphedema worsening. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Kang J, Dubiel MJ, Steinmann SP, ElHassan BT, Morrey ME, Cofield RH, Sperling JW, Sanchez-Sotelo J. Primary reverse shoulder arthroplasty using contemporary implants is associated with very low reoperation rates. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Parkes CW, Pareek A, Patel R, Abdel MP, Sanchez-Sotelo J. Implant sonication for the diagnosis of periprosthetic joint infection: a meta-analysis. Poster. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Barlow JD, Bartels DW, Aibinder WR, Steinmann SP, Cofield RH, Sperling JW, Sanchez-Sotelo J. Hemiarthroplasty for proximal humerus fracture, nonunion or malunion: effect of acute vs delayed intervention. Poster. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Logli AI, Shannon SF, Boe C, Morrey ME, O'Driscoll SW, Sanchez-Sotelo J. Do outcomes and complications differ when total elbow arthroplasty is performed acutely for a distal humerus fractures versus after prior attempted internal fixation. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Barlow JD, Logli AL, Steinmann SP, Sems SA, Cross WW, Yuan BJ, Torchia ME, Sanchez-Sotelo J. Locking plate fixation for proximal humerus fractures in patients over 60 continues to be associated with a high complication rate. Paper. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

ElHassan BT, Wagner ER, Sanchez-Sotelo J. Outcome of arthroscopically-assisted lower trapezius transfer to reconstruct massive irreparable postero-superior rotator cuff tears. Paper. 2019 ASES Specialty Day meeting. Las Vegas, NV. March 2019.

Burnier, M., Nguyen N., Elhassan, B., Sanchez-Sotelo, J. Eccentric Glenohumeral Osteoarthritis Resulting in B Glenoid Morphology Correlates with Rotator Cuff Fatty Infiltration. Oral Presentation # 571. 14<sup>th</sup> International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Burnier M., Elhassan, B., Sanchez-Sotelo, J. Late Cuff Tears After Anatomic Shoulder Arthroplasty: Do they Correlate with the Critical Shoulder Angle? Oral Presentation # 561. 14<sup>th</sup> International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Burnier M., Nguyen N., Morrey M., O'Driscoll S., Sanchez-Sotelo J. Revision Elbow Arthroplasty using a proximal ulna allograft-prosthetic composite with triceps allograft for combined catastrophic ulnar bone loss and triceps insufficiency. Oral Presentation # 563. 14<sup>th</sup> International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Kennon J., Songy C., Cofield R., Sperling J., Sanchez-Sotelo J. Long Term Outcomes of Reverse Total Shoulder Arthroplasty Utilizing A Lateralized Center of Rotation Prosthesis Design. Oral Presentation # 573. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Lee J., Greenwood Quaintance K., Schuetz A., Shukla D., Cofield R., Sperling J., Sanchez-Sotelo J. Correlation Between Hemolytic Profile and Phylotype of Cutibacterium acnes (formerly Propionibacterium acnes) and Orthopedic Implant Infection. Oral Presentation # 568. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Aibinder W, Lee J, Shukla D, Cofield RH, Sanchez-Sotelo J, Sperling JW. Intraoperatively molded cement antibiotic spacer in two-stage reimplantation for shoulder infection and comparison of two rehabilitation protocols. ePoster #565. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Songy C, Kennon J, Cofield RH, Sperling J, Sanchez-Sotelo J. The long-term outcome of Grammont-style primary reverse shoulder arthroplasty. ePoster #572. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Duethman N, Aibinder W, Sperling JW, Cofield RH, Sanchez-Sotelo J. Scapular notching as a function of glenoid component position: a detailed radiographic analysis at mid term follow-up. ePoster #580. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Panchamia J, Amundson A, Jacob A, Svigum H, Nguyen N, Shroeder D, Kopps S, Johson R, Sperling J, Sanchez-Sotelo J. A three-arm randomized clinical trial comparing interscalene blockade techniques to local infiltration analgesia for total shoulder arthroplasty. ePoster #581. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Songy C, Kennon J, Barlow J, Sanchez-Sotelo J, O'Driscoll SW, Morrey M. Outcomes of radila head replacement for acute radial head frctures using three implant desings and fixation with or without polymethylmethacrylate. ePoster #585. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Logli AL, Shannon SF, Boe CC, Morrey ME, O'Driscoll SW, Sanchez-Sotelo J. Total Elbow Arthroplasty for Distal Humerus Fractures Provided Similar Outcomes When Performed as a Primary Procedure or After Failed Internal Fixation. ePoster #585. 14th International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina.

Bayram B, Limberg AK, Salib CG, Bettencourt JW, Trousdale WH, Lewallen EA, Reina N, Paradise CR, Thaler R, Morrey M, Sanchez-Sotelo J, Berry DJ, VanWinjen A, Abdel MP. Molecular Pathology Of Human Knee Arthrofibrosis As Defined by Rna Sequencing. Poster presentation. 2020 ORS Annual Meeting. February 8-11, 2020. Phoenix, Arizona.

Bender M, Roche C, Mohajer N, Sanchez-Sotelo J, Athwal G, Routman H. 3d Comparative Analysis Of Anatomy In Male And Female Scapula. Poster presentation. 2020 ORS Annual Meeting. February 8-11, 2020. Phoenix, Arizona.

Bettencourt JW, McLaury AR, Limberg AK, Vargas JS, Bayram B, Owen AR, Berry DJ, Sanchez-Sotelo J, Morrey ME, van Wijnen AJ, Abdel MP. A Superior Technique For Semi-quantitative Western Blot Analysis Of Rabbit Knee Posterior Capsular Tissue. Poster presentation. 2020 ORS Annual Meeting. February 8-11, 2020. Phoenix, Arizona.

Limberg AK, Salib CG, Tibbo ME, Vargas JS, Bettencourt JW, Bayram B, Jay AG, Berry DJ, Sanchez-Sotelo J, Morrey ME, Bolon B, Carter JM, van Wijnen AJ, Abdel MP. Novel Characterization Of The Stromal Cell And Immune Cell Microenvironment In Arthrofibrosis From Revision Total Knee Arthroplasty Patients. Poster presentation. 2020 ORS Annual Meeting. February 8-11, 2020. Phoenix, Arizona.

Brockmeier SF, Garrigues GE, Kuhn JE, Navarro RA, Sanchez-Sotelo J, St. Pierre P, Weber SC, Williams GR. Trends in the Use of Superior Capsular Reconstruction in the United States using the AAOS Shoulder and Elbow Registry. ASES 2020 Annual Meeting. October 2-3, 2020. ePoster Presentation.

O'Driscoll SW, Rojas Lievano J, Shields MN, Morrey ME, Sanchez-Sotelo J, Shukla DR, Olson TS, Fitzsimmons JS, Vaichinger AM. Prospective Randomized Trial of Continuous Passive Motion Versus Physical Therapy After Arthroscopic Release of Elbow Contracture. Oral Presentation. 2020 ASES Annual Meeting (Virtual).

Burnier M, Hooke AW, Gill J, Sanchez-Sotelo J. Biomechanical Analysis of the Subscapularis, Infraspinatus and Teres Minor Length and Moment Arm After Reverse Shoulder Arthroplasty: A Cadaveric Study. Poster Presentation. 2020 ASES Annual Meeting (Virtual).

Flurin L, Greenwood-Quaintance K, Esper R, Sanchez-Sotelo J, Patel R. Implant Sonication Improves Microbiologic Diagnosis of Elbow Prosthetic Joint Infection. Virtual ID Week 2020. Poster presentation.

Gauci MO, Athwal GS, Sanchez-Sotelo J, Chaoui J, Urvoy M, Boileau P, Walch G. Identification of threshold pathoanatomic metrics in primary glenohumeral osteoarthritis. Poster # 710. 1st SECEC Virtual Congress, September to December 2020.

Flurin L, Wolf M, Greenwood-Quaintance K, Sanchez-Sotelo J, Patel R: Targeted Next Generation Sequencing for Elbow Periprosthetic Joint Infection Diagnosis. Mayo Clinic Research Allied Health Symposium. May 13th, 2021. Poster presentation.

Tai DBG, Hanson S, Brennan P, Suh G, Esper RN, Sanchez-Sotelo J: Outcomes and Risk Factors for Failure of Debridement, Antibiotics, and Implant Retention in Elbow Periprosthetic Joint Infection. Mayo Clinic Research Day, April 29th 2021. Poster presentation.

Flurin L, Wolf M, Greenwood-Quaintance K, Sanchez-Sotelo J, Patel R: Targeted Next Generation Sequencing for Elbow Periprosthetic Joint Infection Diagnosis. Oral presentation. 31st ECCMID Meeting (online). July 9 – 12th, 2021.

Daniel C. Austin, MD, Micah J. Nieboer, Thomas H. Rogers III, Jonathan D. Barlow, Christopher L. Camp, Sanchez-Sotelo J, Shawn W. O'Driscoll, Mark E. Morrey. Acute vs. Delayed Radial Head Arthroplasty for the Treatment of Radial Head Fractures: Equivalent Solutions for a Difficult Problem. ASES 2021 Annual Meeting. Tampa, Fl. December, 2021.

Thomas Rogers, MD, Ryan Conyer, MD, Daniel Austin, MD, Jorge Rojas Lievano, MD, Jonathan Barlow, MD, Morrey M, Sanchez-Sotelo J, Shawn O'Driscoll, MD PhD. Failed Radial Head Replacement: Is Revision to Another Radial Head Implant the Answer? ASES 2021 Annual Meeting. Tampa, Fl. December, 2021. Paper presentation. Paper presentation.

Daniel Austin, MD, Bryant M. Song, Thomas H. Rogers III, Jonathan D. Barlow, Christopher L. Camp, Joaquin Sanchez-Sotelo, James S. Fitzsimmons, Shawn W. O'Driscoll. Arthroscopic Debridement of Osteochondritis Dissecans Lesions Of The Capitellum: Satisfactory Results For Most Patients At Long-Term Follow-Up. ASES 2021 Annual Meeting. Tampa, Fl. December, 2021. Paper presentation.

Joaquin Sanchez-Sotelo, MD, PhD, Erick M. Marigi, Douglas W. Bartels, Joo Hee Yoon, John W. Sperling. Antibiotic Prophylaxis with Cefazolin is Associated with Lower Shoulder Periprosthetic Joint Infection Rates than Non-Cefazolin Alternatives. ASES 2021 Annual Meeting. Tampa, Fl. December, 2021. Paper presentation.

Austin D, Townsley SH, Rogers TH, Barlow JD, Camp CL, Sperling JW, Sanchez-Sotelo J. Shoulder periprosthetic Joint Infection and all-cause mortality: a worrisome association. ASES 2021 Annual Meeting. Tampa, Fl. December, 2021. Poster presentation.

Marigi EM, Lee D, Marigi I, Werthel JD, Barlow JD, Sperling JW, Sanchez-Sotelo J, Schoch B. Shoulder arthroplasty in patients with juvenile idiopathic arthritis: long-term outcome. ASES 2021 Annual Meeting. Tampa, Fl. December, 2021. Poster presentation.

Rachel L Honig, M.D., Daniel C. Austin, M.D. MS, Thomas H. Rogers MD, Jonathan D. Barlow, M.D., Christopher L. Camp, M.D., Mark E. Morrey, M.D., John W. Sperling, M.D., Joaquin Sanchez-Sotelo, M.D. PhD. aper No. 209 - Shoulder Arthroplasty for Patients with A History of Convulsive Seizures is Safe. Mid-America Orthopedic Association 2022.

Erick M. Marigi, M.D, Douglas W. Bartels, M.D., Joo Hee Yoon, BS, John W. Sperling, M.D., Joaquin Sanchez-Sotelo, M.D. PhD. Antibiotic Prophylaxis with Cefazolin is Associated with Lower Shoulder Periprosthetic Joint Infection Rates than Non-Cefazolin Alternatives. Mid-America Orthopedic Association 2022.

Patrice A. Vinsard, Adam W. Amundson, Matthew P. Abdel, Alexis K. Matrka, Sarah J. Bell, Julie A. Nickelson, Paul A. Proshek, Becca L. Gas, Laura J. Myhre, Peter L. Bos, Christopher M. Duncan, Adam K. Jacob, Robert T. Trousdale, Cory G. Couch, Joaquin Sanchez-Sotelo, High Smith. Can the post anesthesia care unit be bypassed after primary total hip or total knee arthroplasty? The Mayo Clinic Oasis Project. 47th Annual Regional Anesthesia and Acute Pain Medicine Meeting. March 31st – April 2, 2022. Las Vegas.

Alexis K. Matrka , Patrice A. Vinsard, Adam W. Amundson, Matthew P. Abdel, Sarah J. Bell, Julie A. Nickelson, Paul A. Proshek, Becca L. Gas, Laura J. Myhre, Peter L. Bos, Christopher M. Duncan, Adam K. Jacob, Robert T. Trousdale, Cory G. Couch, Joaquin Sanchez-Sotelo, High Smith. Addressing Barriers to Outpatient Same Day Discharge. 47th Annual Regional Anesthesia and Acute Pain Medicine Meeting. March 31st – April 2, 2022. Las Vegas.

Alexis K. Matrka , Patrice A. Vinsard, Adam W. Amundson, Matthew P. Abdel, Sarah J. Bell, Julie A. Nickelson, Paul A. Proshek, Becca L. Gas, Laura J. Myhre, Peter L. Bos, Christopher M. Duncan, Adam K. Jacob, Robert T. Trousdale, Cory G. Couch, Joaquin Sanchez-Sotelo, High Smith. Mayo Clinic OASIS Project: Phase III Outcomes. 47th Annual Regional Anesthesia and Acute Pain Medicine Meeting. March 31st – April 2, 2022. Las Vegas.

Navarro RA, Imlay B, Sanchez-Sotelo J, Hettrich C, De A, Weber S, Anakwenze O, Brockmeier S, Garrigues G, Kuhn J, St Pierre P, Taylor S, Williams G. “Incidence of ATSA vs RTSA in Cuff Intact Osteoarthritis in Males vs Females Age 70+,” oral presentation (#36) at the 11th International Congress of Arthroplasty Registries – Dublin, Ireland, Time (Symposium Name), September 3-5, 2022 at the Royal College of Surgeons in Ireland (RCSI).

Mark E. Morrey, Chad Songy, Jacob J. Triplet, Shawn W. O’Driscoll, **Joaquin Sanchez-Sotelo**, Bernard F. Morrey: Unexpected High Early Failure Rate of the Nexel Total

Elbow Arthroplasty. JSES Session 1: Elbow. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Podium presentation.

Micah Nieboer, Ronda Esper, Jonathan Barlow, Mark Morrey, O'Driscoll Shawn, Joaquin Sanchez-Sotelo: Internal fixation for distal humerus nonunion using the S.O.S. (Supracondylar Osteotomy and Shortening) procedure. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Podium presentation.

Adnan N. Cheema, Ryan T. Conyer, Jacob J. Triplet, Shawn W. O'Driscoll, Mark E. Morrey, Joaquin Sanchez-Sotelo: Outcomes of humeral allograft prosthetic composites with plate fixation in revision total elbow arthroplasty. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Podium presentation.

Antonio M Foruria, Natalia Martínez Catalán, Belen Pardos Mayo, Dirk Larson, Jonathan Barlow, Joaquín Sanchez-Sotelo: The Mayo-FJD classification system for proximal humerus fractures: intra and interobserver agreement. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Podium presentation.

Yining Lu, Joshua Labott, Harold Salmons, Gross Benjamin, Jonathan Barlow, Joaquin Sanchez-Sotelo, Christopher Camp: Identifying Modifiable And Non-Modifiable Cost Drivers Of Ambulatory Rotator Cuff Repair: A Machine Learning Analysis. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Poster presentation.

Bradley Schoch, Alex Moses, Thomas Wright, Joseph King, Joaquin Sanchez-Sotelo, John Sperling: Routine Postoperative Radiographs Rarely Identify Unknown Complications After Shoulder Arthroplasty. 30th SECEC-ESSSE Congress. Dublin, Ireland, September 7-9, 2022. Poster presentation.

Jonathan D. Barlow, MD, Micah J. Nieboer, MD, Alexandra Cancio-Bello, BS, Katherine E. Mallett, MD, Mark E. Morrey, MD, Joaquin Sanchez-Sotelo, MD PhD, Shawn O'Driscoll, MD PhD. Paper 15: Proximal Trans-ulnar Fracture Dislocations of the Elbow: A Systematic Review and Clarification of Classification Systems. 2022 ASES Annual Meeting. Atlanta, Georgia, October 6-9, 2022. Paper presentation.

Adnan N. Cheema, MD; Ryan T. Conyer, MD; Jacob J. Triplet, DO; Jonathan D. Barlow, MD; Mark E. Morrey, MD; John W. Sperling, MD, MBA; Joaquin Sanchez-Sotelo, MD, PhD. Hemiarthroplasty for Non-Traumatic Avascular Necrosis of the Humeral Head is Associated with Low Complications and Reoperation Rates. 2022 ASES Annual Meeting. Atlanta, Georgia, October 6-9, 2022. Poster presentation.

Adnan N. Cheema, MD; Ryan T. Conyer, MD; Jacob J. Triplet, DO; Shawn W. O'Driscoll, MD, PhD; Mark E. Morrey, MD; Joaquin Sanchez-Sotelo, MD, PhD. Outcomes of Humeral Allograft Prosthetic Composites with Plate Fixation in Revision Total Elbow Arthroplasty. 2022 ASES Annual Meeting. Atlanta, Georgia, October 6-9, 2022. Poster presentation.

Bradley S. Schoch, MD; Erick Marigi, MD; Malik Dancy; Quinn Johnson; Jonathan D. Barlow, MD, MS; Matthew Crowe; John W. Sperling, MD, MBA; Joaquin Sanchez-Sotelo, MD, PhD. Shoulder Arthroplasty after Prior External Beam Radiation Therapy: A Matched Cohort Analysis. 2022 ASES Annual Meeting. Atlanta, Georgia, October 6-9, 2022. Poster presentation.

Dittman, Esper, Barlow, Morrey, Sperling, Sanchez-Sotelo: "Complications After Reverse Shoulder Arthroplasty for Proximal Humerus Nonunion". OTA Annual Meeting 2022. Poster presentation.

Luzia A. Niggli; George S. Athwal; Robert U. Hartzler; Joaquin Sanchez-Sotelo; Floor M. Lambers. Area-based Methods For Measuring Glenoid Bone Loss Are The Most Reliable And Accurate. PS1-065. Poster Presentation ORS 2023, Feb 10-14, 2023. Dallas, Texas.

Roman Thaler; Jacob W. Bettencourt; Afton K. Limberg; Mason F. Carstens; Britta Stans; Varun G. Iyer; Mark E. Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Amel Dudakovic; Matthew P. Abdel. Distinct Adipogenic Potential In Knee Fibroblasts From Non-fibrotic And Fibrotic Patients. Poster Presentation ORS 2023, Feb 10-14, 2023. Dallas, Texas.

Harold I. Salmons; Christopher K. Gow; Afton K. Limberg; Jacob W. Bettencourt; Mason F. Carstens; Ashley N. Payne; Mark E. Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Matthew P. Abdel. The Safety Of Adipor1 And Adipor2 Peptide-Agonist Adiporon In A Surgically-Stressed Rabbit Model Of Arthrofibrosis. Poster Presentation ORS 2023, Feb 10-14, 2023. Dallas, Texas.

Amel Dudakovic; Afton Limberg; Banu Bayram; Jacob Bettencourt; Harold Salmons; Roman Thaler; Daniel Karczewski; Aaron Owen; Varun Iyer; Ashley Payne; Andre van Wijnen; Daniel Berry; Joaquin Sanchez-Sotelo; Mark Morrey; Matthew Abdel. Adiporon Reduces TGF $\beta$ 1-mediated Collagen Deposition In Vitro And Alleviates Knee Stiffness In Vivo. Poster Presentation ORS 2023, Feb 10-14, 2023. Dallas, Texas.

Broida S, Labott JR, Mallett KE, Xing Z, Barlow J, Sanchez-Sotelo J, Rose P, Houdek MT. Functional outcomes of scapular resection: is a new classification system needed? Paper # 532. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Braig ZV, Udovich ME, Till SE, Reinholz A, Wang A, Morrey M, Sanchez-Sotelo J, O'Driscoll SW, Camp CL. Poster presentation # 764. Osteochondritis dissecans of the capitellum of the elbow: A comparison of nonsurgical and surgical outcomes at long term follow-up. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Marigi EM, Marigi AM, Harsch NS, Schoch BS, Sperling JW, Sanchez-Sotelo J. Poster presentation # 774. When intravenous vancomycin prophylaxis is needed, incomplete administration is associated with increased infectious complications. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Davis P, Newcomer K, Sanchez-Sotelo J. Right shoulder pain and weakness – General Athletics. 2023 ACSM Annual Meeting, Oral presentation. May 30 – June 2, 2023. Denver, CO.

J Sanchez-Sotelo, J Berhouet, J Chaoui, MT Freehill, P Collin, JP Warner, G Walch, GS Athwal. Surgical Navigation Using Mixed Reality for Glenoid Axis Pin Placement in Shoulder Arthroplasty: A Cadaver-Based Study. Assistance opératoire par une solution de réalité mixte pour le placement de la broche de préparation glénoïdienne dans l'arthroplastie de l'épaule : étude cadavérique de précision N° abstract : SOFCOT23-885 97th SOFCOT Congress Nov 13 – 15, 2023.

J Sanchez-Sotelo, J Berhouet, J Chaoui, MT Freehill, P Collin, JP Warner, G Walch, GS Athwal: Surgical Navigation Using Mixed Reality for Glenoid Axis Pin Placement in Shoulder Arthroplasty: A Cadaver-Based Study. Oral Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Bragg, Neiboer, Sanchez-Sotelo J et al. Safety of total elbow arthroplasty in patients with rheumatoid arthritis and prior hip or knee periprosthetic joint infection. Oral Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

O'Driscoll, Sanchez-Sotelo et al. Intraoperative modification of total elbow arthroplasty implants Poster Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

DeMarinis, Sanchez-Sotelo J et al. An artificial intelligence deep learning model automatically classified shoulder radiographs with excellent performance. Poster Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Barlow, Sanchez-Sotelo J et al. A coronoid-centric classification system of proximal trans- ulnar fracture dislocations has almost perfect intraobserver and interobserver agreement. Oral Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Marigi, Sanchez-Sotelo J et al. Superior capsular reconstruction and lower trapezius transfer both provide good outcomes in properly selected patients with irreparable rotator cuff tears. Oral Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Labrum, Sanchez-Sotelo J et al. Reverse shoulder arthroplasty with a modular segmental metallic “tumor” prosthesis for severe proximal humerus bone los. Short poster oral presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Oeding, Sanchez-Sotelo J et al. Reverse total shoulder arthroplasty is not cost-effective in patients over 67 years of age with glenohumeral osteoarthritis and an intact rotator cuff: a decision-analytic cost-utility analysis. Oral Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Marigi, Sanchez-Sotelo J et al. Prior bariatric surgery is associated with an increased rate of complications after primary shoulder arthroplasty independent of body mass index. Poster Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Oeding, Sanchez-Sotelo et al. Understanding relationships between reverse shoulder arthroplasty design features and patient specific factors to determine complication risk: a game theory based machine learning approach. Poster Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Oeding, Sanchez-Sotelo et al. Understanding risk for early dislocation within 90 days of reverse total shoulder arthroplasty: extreme rare event detection through cost sensitive machine learning. Poster Presentation. ICSES 2023 Rome Italy Sept 6-8th 2023.

Nieboer MJ, Barlow JD, Morrey M, Sanchez-Sotelo J, O'Driscoll SW. Internal fixation, parallel plating, and selective supracondylar shortening do distal humerus nonunions: results of the supracondylar osteotomy and shortening (SOS) procedure. ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Labrum JT, deMarinis R, Atwan Y, Marigi EM, Houdek MT, Barlow JD, Morrey, Sanchez-Sotelo J, Sperling JW. Reverse shoulder arthroplasty megaprosthesis performance in the treatment of severe proximal humerus bone loss. ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Barlow JD, Nieboer MJ, Kuttner NP, Cancio-Bello A, Hidden K, Yuan BJ, Morrey M, Sanchez-Sotelo J, O'Driscoll SW. Transulnar basal coronoid fracture-dislocation: outcomes of surgical treatment. ASES Annual Meeting 2023, Scottsdale – Arizona. Paper presentation.

Sanchez-Sotelo J, Nieboer M, Logli T, Barlow JD, O'Driscoll SW, Morrey M. Distal humerus nonunion following failed internal fixation: how do the outcomes of internal fixation and total elbow arthroplasty compare? ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Atwan Y, Labrum JT, deMarinis R, Barlow JD, Sanchez-Sotelo J, Morrey M, O'Driscoll SW. Outcomes of the Latitude EV total elbow arthroplasty for distal humerus nonunion. ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Rojas JL, Moriarty JP, Heien HC, Borah BJ, Olson TS, Fitzsimmons JS, Morrey M, Sanchez-Sotelo J, O'Driscoll SW. A cost analysis of continuous passive motion versus physical therapy after arthroscopic release of elbow contracture. ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Morrey M, Yu K, Marigi E, Tangtiphaibontana J, Austin D, Barlow JD, Sanchez-Sotelo J. Operative treatment of acromial and scapular spine fracture nonunions complicating reverse total shoulder arthroplasty. ASES Annual Meeting 2023, Scottsdale – Arizona. Podium presentation.

Harold I. Salmons; Mason Carstens; Afton K. Limberg; Jacob Bettencourt; Ashley Payne; Daniel Karczewski; Mark Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Amel Dudakovic; Matthew P. Abdel. Podium presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Mason F. Carstens; Kareme D. Alder; Oliver B. Dilger; Cole E. Bothun; Mark E. Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Roman Thaler; Amel Dudakovic; Matthew P. Abdel. Podium presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Dilger, Bothun, Carstens, Berry, Sanchez-Sotelo, Morrey, Thaler, Dukakovic, Abdel: Induction Of Cellular Autophagy Impairs TGF $\beta$ 1-Mediated Myofibroblast Differentiation Of Primary Knee Fibroblasts Poster presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Ichiro Tsukamoto; Naoya Iida; Kai-Lan Hsu; Margaret Brosig; Ramona Reisdorf; Joaquin Sanchez-Sotelo; Steinmann Scott; Chunfeng Zhao: Rotator Cuff Repair With Purified Exosome Product (pep) In A Canine Model. Poster presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Amel Dudakovic; Oliver B. Dilger; Daphne Garrett; Mason F. Carstens; Daniel J. Berry; Joaquin Sanchez-Sotelo; Mark E. Morrey; Roman Thaler; Matthew P. Abdel: Dynamic Effects Of Transforming Growth Factor Beta-1 (TGF $\beta$ 1) In Primary Human Knee Fibroblasts. Poster presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Kareme D. Alder; Mason F. Carstens; Cole E. Bothun; Oliver B. Dilger; Ashley N. Payne; Roman Thaler; Mark E. Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Amel Dudakovic; Matthew P. Abdel. Assessment Of An Abbreviated Rabbit Knee Model Of Arthrofibrosis. Poster presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Roman Thaler; Zachary T. Ryan; Viktor Janz; Mason F. Carstens; Oliver B. Dilger; Ashley N. Payne; Jacob W. Bettencourt; Afton K. Limberg; Mark E. Morrey; Joaquin Sanchez-Sotelo; Daniel J. Berry; Amel Dudakovic; Matthew P. Abdel. The Role Of The Epigenetic Regulator Smyd2 In Knee Arthrofibrosis. Poster presentation. ORS 2024 Annual Meeting in Long Beach, California, February 2-6, 2024.

Vasdev AK, Smith H, Gas BL, Nickelson JA, Proshek PA, Anderson CA, Duncan CM, Jacob AK, Sanchez-Sotelo J, Abel MP, Amundson AW, Mayo Clinic Orthopedic Surgery and Anesthesiology Surgical Improvement Strategies Project (OASIS): Implementation of an Outpatient Outcomes-Based Survey. Poster Presented At: Regional Anesthesia and Acute Pain Medicine Meeting (ASRA); March 21-24 2024; San Diego, CA.

Vasdev AK, Smith H, Gas BL, Nickelson JA, Proshek PA, Anderson CA, Duncan CM, Jacob AK, Sanchez-Sotelo J, Abel MP, Amundson AW, Mayo Clinic Orthopedic Surgery and Anesthesiology Surgical Improvement Strategies Project (OASIS): Implementation of an Outpatient Outcomes-Based Survey. Poster presented At: Midwest Anesthesia Residents Conference (MARC); April 05-07 2024; Omaha, NE.

Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic; Mark E. Morrey, MD,FAAOS, Mayo Clinic; Micah J. Nieboer, MD, Mayo Clinic; Shawn W. O'Driscoll, MD,FAAOS, Mayo Clinic. Internal Fixation, Parallel Plating, and Selective Supracondylar Shortening for Distal Humerus Nonunions: Results of the Supracondylar Osteotomy and Shortening Procedure. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 ePoster.

Sanchez-Sotelo J. Unlinked Total Elbow Arthroplasty Using the Diamond Pop-Up Approach. The Orthodome. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024. Video.

Erick Marigi, MD, Mayo Clinic; Jacob F. Oeding, MS; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Kristin Yu, MD; Linjun Yang, PhD; Rodrigo De Marinis, MD, Mayo Clinic. Artificial Intelligence Can Automatically Measure Component Orientation, Lateralization, and Distalization on Postoperative Radiographs after Reverse Shoulder Arthroplasty. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Podium presentation.

Aaron J. Krych, MD,FAAOS, Mayo Clinic; Caden J. Messer; Christopher L. Camp, MD, FAAOS, Mayo Clinic; Jacob F. Oeding, MS, Mayo Clinic Alix School of Medicine; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic. The Statistical Fragility of Platelet-Rich Plasma in Lateral Epicondylitis: A Systematic Review and Simulated Fragility Analysis of Randomized Controlled Trials. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Poster presentation.

Aaron J. Krych, MD,FAAOS, Mayo Clinic; Alexander M. Boos, BA; Christopher L. Camp, MD, FAAOS, Mayo Clinic; Jacob F. Oeding, MS, Mayo Clinic Alix School of Medicine; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic. Predicting and Understanding the Risk for Shoulder and Elbow Injuries in Major League Baseball Pitchers: A Game-Theory-Based Machine Learning Approach. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Poster presentation.

Anthony L. Logli, MD; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic; Kristin Yu, MD; Mark E. Morrey, MD,FAAOS, Mayo Clinic; Micah J. Nieboer, MD, Mayo Clinic; Shawn W. O'Driscoll, MD,FAAOS, Mayo Clinic. Distal Humerus Nonunion following Failed Internal Fixation: How do the Outcomes of Internal Fixation and Total Elbow Arthroplasty Compare? 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Podium presentation.

Christian S. Rosenow, MD; Erick Marigi, MD, Mayo Clinic; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic; Mark E. Morrey, MD,FAAOS, Mayo Clinic; Micah J. Nieboer, MD, Mayo Clinic; Zachary V. Braig, MD.Non-Cefazolin Antibiotic Prophylaxis is Associated with Higher Rates of Elbow Periprosthetic Joint Infection. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Podium presentation.

Alexandra Cancio-Bello; Brandon J. Yuan, MD,FAAOS, Mayo Clinic; Joaquin Sanchez-Sotelo, MD,FAAOS, Mayo Clinic; Jonathan D. Barlow, MD,MS,FAAOS, Mayo Clinic; Krystin Hidden, MD, Mayo Clinic; Mark E. Morrey, MD,FAAOS, Mayo Clinic; Micah J. Nieboer, MD, Mayo Clinic; Nicolas P. Kuttner, MD; Shawn W. O'Driscoll, MD,FAAOS, Mayo Clinic. Trans-Ulnar Basal Coronoid Fracture-Dislocations: Outcomes of Surgical Treatment. 2024 AAOS Meeting. San Francisco, CA, Feb 12-16, 2024 Podium presentation.

Sanchez-Sotelo J. Effect of Glenosphere Diameter and Lateralization in Primary Reverse Shoulder Arthroplasty: A Randomized Clinical Trial. Paper Presentation. 2024 ASES Specialty Day. San Francisco, CA Feb 16, 2024.

Yu, KE.. Marigi EM, Austin DC, Tangtiphaiboontana J, Barlow JD, MD1, Morrey ME, Sanchez-Sotelo J: Operative Treatment of Acromial and Scapular Spine Fracture Nonunions Complicating Reverse Total Shoulder Arthroplasty Paper No. 22 Breakout Session #2 2024 MidAmerica Orthopedic Association Annual Meeting.

Alder KD, Yu, KE, Rode MM, Marigi IM, Marigi EM, Morrey ME, Sperling JW, Sanchez-Sotelo J. Increasing Severity of Preoperative Anemia is Associated with Higher Postoperative Medical and Surgical Complications after Primary Shoulder Arthroplasty Poster # 40 2024 MidAmerica Orthopedic Association Annual Meeting.

Micah Nieboer, Nicolas Kuttner, Alexandra Cancio-Bello, Krystin Hidden, Jennifer Tangtiphaiboontana, Brandon Yuan, Mark Morrey, Joaquin Sanchez-Sotelo, Shawn O'Driscoll, Jonathan Barlow. Surgical Treatment And Outcomes Of Trans-Ulnar Basal Coronoid Fracture-Dislocations. Poster Presentation. 2024 SECEC Annual Meeting. Munich, Germany, Sept 4-6, 2024.

Tristan B Weir, Kristin E Yu, Christopher M Hart, Erick M Marigi, Natalia Martinez-Catalan, Jonathan D Barlow, Mark E Morrey, John W Sperling, Joaquin Sanchez-Sotelo. Reverse Shoulder Arthroplasty For Fracture: How Does A Contemporary Lateralized Prosthesis Compare With A Grammont-Style Implant? Podium Presentation. 2024 SECEC Annual Meeting. Munich, Germany, Sept 4-6, 2024.

Micah Nieboer, Marisa Ulrich, Jonathan Barlow, Mark Morrey, Joaquin Sanchez-Sotelo, Shawn O'Driscoll. No Mechanical Failure Of The Latitude EV Radial Head At Short-Term Follow-Up When Implanted In Total Elbow Arthroplasty. Podium Presentation. 2024 SECEC Annual Meeting. Munich, Germany, Sept 4-6, 2024.

Micah Nieboer, Jonathan Barlow, Joaquin Sanchez-Sotelo, Shawn O'Driscoll, Mark Morrey. Aspiration Thresholds For Determining Periprosthetic Joint Infection In Total Elbow Arthroplasty. Podium Presentation. 2024 SECEC Annual Meeting. Munich, Germany, Sept 4-6, 2024.

Mohjwe N, Bryan Z, Arnold R, Cole P, Levy J, McKee M, Routman H, Sanchez-Sotelo J, Hamilton M. Fatigue performance of acromion and scapular spine fracture plate system under cycle bend testing using a gap model. Poster presentation. ORS 2025 Annual Meeting. Phoenix AZ.

Nieboer, Sanchez-Sotelo et al. ePoster The O'Driscoll Classification of Coronoid Fractures: Intra and Interobserver Agreement and Classification. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. ePoster.

Hart, Sanchez-Sotelo et al. Lower Trapezius Transfer (LTT) Performed at the Time of Reverse Shoulder Arthroplasty (RSA) with an Allograft-Prosthetic Composite (APC) Can Restore Active External Rotation in Shoulders with Posterosuperior Cuff Deficiency and Humeral Bone Loss. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. ePoster.

Morrey, Sanchez-Sotelo et al. Distal Triceps Tendon Tears: MRI Classification based on Insertional Anatomy. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. ePoster.

Yang, Sanchez-Sotelo et al. Development of an Artificial Intelligence Approach to Automatically Identify Reverse Shoulder Arthroplasty Implant Designs on Postoperative Radiographs. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. ePoster.

Wyles, Sanchez-Sotelo et al. Generating Knee CT Scans from Bi-Planar Radiographs Using a Modular Diffusion Model. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. ePoster.

Garrigues, Sanchez-Sotelo, et al. Is there a Difference in Revision Rates for Matched vs Mismatched Components in Shoulder Arthroplasty? A Shoulder and Elbow Registry Study. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. Podium.

Nieboer et al. Cell Count and Differential of Aspirated Fluid in the Diagnosis of Periprosthetic Joint Infection of Total Elbow Arthroplasty. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. Podium.

O'Driscoll, Sanchez-Sotelo et al. A Cost Analysis of Continuous Passive Motion versus Physical Therapy After Arthroscopic Release of Elbow Contracture. AAOS Annual Meeting, San Diego, California, March 10-14, 2025. Podium.

Joaquin Sanchez-Sotelo, Daniel You, Samuel Rudisill, Michael Baird, Shawn O'driscoll, Mark Morrey. Strut allograft augmentation restores bone stock in revision elbow arthroplasty, but is not universally successful in preventing a second revision. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Ausberto Velasquez Garcia, Adam Wentworth, Jennifer Oettinger, Linjun Yang, James S. Fitzsimmons, Jonathan M. Morris, Joaquin Sanchez-Sotelo, Shawn W. O'driscoll. Virtual Surgery Model for Radial Head Arthroplasty. Implications for Three-Dimensional Preoperative Planning. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Joaquin Sanchez-Sotelo, Linjun Yang, Elisabeth Kaji, Austin Grove, Rodrigo Demarinis, Ausberto Velasquez, Marisa Ulrich, Erick Marigi, John Sperling. Artificial intelligence to automatically measure on radiographs the postoperative positions of the glenosphere and pivot point after reverse total shoulder arthroplasty. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Christian S. Rosenow, MD; Kristin Yu, MD; Megan L. Anderson, BA; Christopher Hart, MD; John W. Sperling, MD, MBA, FAAOS; Jonathan D. Barlow, MD, MS, FAAOS; Mark E. Morrey, MD, FAAOS; **Sanchez-Sotelo J**; Jennifer Tangtiphaiboontana, MD, BS, FAAOS. Postoperative Periprosthetic Humerus Fractures after Shoulder Arthroplasty: Outcomes of Nonoperative Management. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium.

Megan L. Anderson, BA; Samuel S. Rudisill, MD; Michael Baird, MD; Daniel You, MD, MSc, FRCSC; John W. Sperling, MD, MBA, FAAOS; Jonathan D. Barlow, MD, MS, FAAOS; Mark E. Morrey, MD, FAAOS; **Sanchez-Sotelo J**; Jennifer Tangtiphaiboontana, MD, BS, FAAOS. Management and Outcomes of 3- and 4-Part Proximal Humerus Fractures in Patients Aged 60 Years and Younger: Acute Versus Salvage Reverse Shoulder Arthroplasty After Open Reduction and Internal Fixation. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium

Megan L. Anderson, BA; Samuel S. Rudisill, MD; Michael Baird, MD; Brandon J. Yuan, MD, FAAOS; Michael E. Torchia, MD, FAAOS; Jonathan D. Barlow, MD, MS, FAAOS; Mark E. Morrey, MD, FAAOS; **Sanchez-Sotelo J**; Jennifer Tangtiphaiboontana, MD, BS, FAAOS. Outcomes of Open Reduction Internal Fixation and Reverse Shoulder Arthroplasty for 3- and 4-Part Proximal Humerus Fractures in Patients Ages 60 and Younger. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium

Micah J. Nieboer, MD; Humberto Cardona, MS, BSN; Amanda S. Vazquez-Lloret, MS; Alexander Macfarlane, MD; Ankur S. Narain, MD; Jonathan D. Barlow, MD, MS, FAAOS; Caroline M Chebli, MD, FAAOS; John W. Sperling, MD, MBA, FAAOS; **Sanchez-Sotelo J**; Mark A. Frankle, MD, FAAOS. The Humeral Bone Loss (HUMBL) classification identifies patterns of bone loss that are associated with higher rates of

revision, instability, and humeral loosening in primary and revision shoulder arthroplasty. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium.

Brandon Cabarcas, MD; Sanathan Iyer, MS; Bassem T. Elhassan, MD; Aaron J. Krych, MD, FAAOS; John M. Tokish, MD, FAAOS; Jonathan D. Barlow, MD, MS, FAAOS; Christopher L. Camp, MD, FAAOS; **Sanchez-Sotelo J.** Outcomes of Latarjet and Distal Tibial Allograft Reconstruction for Glenohumeral Instability in Patients With Seizure Disorders: A Comparative Matched-Pair Analysis. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium.

Megan L. Anderson, BA; Christian S. Rosenow, MD; Samuel S. Rudisill, MD; Daniel You, MD, MSc, FRCSC; Michael E. Torchia, MD, FAAOS; Jonathan D. Barlow, MD, MS, FAAOS; Mark E. Morrey, MD, FAAOS; **Sanchez-Sotelo J.**; Jennifer Tangtiphaiboontana, MD, BS, FAAOS. Outcomes of Operative Management of Isolated Greater Tuberosity Fractures. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium.

Samuel S. Rudisill, MD; Daniel You, MD, MSc, FRCSC; Bradley W. Fossum, MD; Michael Baird, MD; Shawn W. O'Driscoll, MD, FAAOS; **Sanchez-Sotelo J.**; Mark E. Morrey, MD, FAAOS. Can Total Elbow Arthroplasty Effectively Treat Post-traumatic Sequelae After Proximal Ulnar or Radius Fracture and Fracture-Dislocations? AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026. Podium.

Samuel S. Rudisill, MD; Daniel You, MD, MSc, FRCSC; Michael Baird, MD; Shawn W. O'Driscoll, MD, FAAOS; **Sanchez-Sotelo J.**; Mark E. Morrey, MD, FAAOS. Strut Allograft Augmentation Restores Bone Stock in Revision Elbow Arthroplasty, but is not Universally Successful in Preventing a Second Revision. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

Linjun Yang, PhD; Miguel M. Girod, BS; Monty Khela, BA; Sami Saniei, MD; Ausberto Velasquez Garcia, MD; Marisa Ulrich, MD; John W. Sperling, MD, MBA, FAAOS; Erick Marigi, MD; **Sanchez-Sotelo J.** Artificial Intelligence to Automatically Measure Lateralization and Distalization of the Glenosphere and Humerus after Primary Reverse Shoulder Arthroplasty. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

## **INVITED LECTURES**

Necrosis avascular de la Cabeza Femoral  
Curso Básico de Patología de Cadera  
Madrid, Spain 1996

Bases Morfológicas de la Inestabilidad Glenohumeral  
Curso de Instrucción sobre Inestabilidad Glenohumeral. Segundo Congreso de la Sociedad Española de Cirugía de Hombro y Codo  
Madrid, Spain 1996

Tratamiento de las Fracturas Pertrocantéreas con Osteosíntesis Extramedular  
Fracturas y Osteoporosis  
León, Spain 1998

Norian SRS for the Treatment of Distal Radius Fractures  
Norian SRS educational courses  
Santander, Spain 1998

Norian SRS for the Treatment of Distal Radius Fractures  
Norian SRS educational courses  
Poitiers, France 1998

Norian SRS for the Treatment of Distal Radius Fractures  
Norian SRS educational courses  
Geneve, Switzerland 1998

Norian SRS for the Treatment of Distal Radius Fractures  
Norian SRS educational courses  
Vancouver, British Columbia, Canada 1998

Norian SRS for the Treatment of Distal Radius Fractures  
Norian SRS educational courses. Reunión Anual del Grupo Español de la AOI  
Jerez, Spain 1998

Acromioplastia artroscópica  
XVI Congreso de la Asociación Española de Artroscopia  
Spain 1998

Tratamiento quirúrgico del codo reumatoide  
Codo 2001. Jornadas de Cirugía de Codo. Hospital Valle del Nalón  
Asturias, Spain 2001

Artroplastia de codo: principios, indicaciones y resultados  
Codo 2001. Jornadas de Cirugía de Codo. Hospital Valle del Nalón  
Asturias, Spain 2001

Componente acetabular no cementado en artroplastia primaria de cadera  
Curso Internacional de Cirugía Reconstructiva de Cadera  
Spain 2001

Total Elbow Replacement for Distal Humerus Nonunion and Elbows with Significant  
Bone Loss. International Symposium on Elbow Trauma and Sequelae. Balgrist  
Department of Orthopedics. Zurich, Switzerland 2001

Reconstruction of the Lateral Collateral Ligament Complex for Posterolateral Rotatory Instability of the Elbow. International Symposium on Elbow Trauma and Sequelae. Balgrist Department of Orthopedics. Zurich, Switzerland 2001

Rigidez de codo  
Curso Básico de la SECOT sobre Patología del Miembro Superior  
Zaragoza, Spain 2002

Coronoid Fractures  
International Shoulder and Elbow Course  
Toulouse, France 2002

Uso de fijador externo en la patología traumática del codo  
Primer Curso Básico de Fijación Externa del Hospital 12 de Octubre  
Madrid, Spain 2002

Hombro y brazo  
Primer Curso de Revisión en Cirugía Ortopédica y Traumatología. UAM  
Madrid, Spain 2002

Codo y antebrazo  
Primer Curso de Revisión en Cirugía Ortopédica y Traumatología. UAM  
Madrid, Spain 2002

Fracturas de extremidad distal del húmero  
VII Jornadas Invierno SOMACOT  
Madrid, Spain 2002

Tratamiento quirúrgico del hombro doloroso  
XXVIII Congreso de la Sociedad Española de Reumatología  
Oviedo, Spain 2002

Elbow Fracture-Dislocation  
79e Cours AO Avancé  
Davos, Switzerland 2003

Open Reduction and Internal Fixation for Complex Distal Humerus Fractures  
79e Cours AO Avancé  
Davos, Switzerland 2003

Papel de los cementos óseos remodelables en el tratamiento de las fracturas sobre hueso osteoporótico  
Congreso Anual de la SOMACOT, El Escorial  
Madrid, Spain 2003

Cementos de fosfato de calcio

Curso de Verano sobre Biomateriales para la Salud. Universidad Complutense de Madrid, El Escorial  
Madrid, Spain 2003

The Role of Elbow Arthroplasty in Trauma  
Fourth Orthopedic trauma Update  
Barcelona, Spain 2003

Coronoid Fractures and Dynamic External Fixation at the Elbow  
Geneva University Hospital Grand Rounds, Prof. Hoffmeyer  
Geneva, Switzerland 2003

Patología degenerativa del codo  
II Curso de Revision en Cirugia Ortopedica y Traumatologia  
Madrid, Spain 2003

Epicondilitis  
IX Jornadas de Invierno de la SOMACOT  
Madrid, Spain 2003

Fracturas de coronoides e inestabilidad de codo  
VI Curso Internacional de Patología de Hombro. I Curso Internacional de Patología de Codo. Servicios Médicos del FC Barcelona  
Barcelona, Spain 2003

Rupturas del bíceps y el tríceps en el codo  
VII Congreso Nacional de la Sociedad Española de Cirugía de Hombro y Codo  
Pamplona, Spain 2003

Tratamiento conservador de las fracturas de extremidad distal del radio  
X Jornadas de Cirugía de la Mano. Servicio de Cirugía de la Mano. Hospital Virgen de la Torre  
Madrid, Spain 2003

The Unstable Shoulder Arthroplasty  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Fractures of the Coronoid Process of the Ulna  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Internal Fixation for Distal Humerus Fractures  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Intramedullary Nail Fixation for Proximal Humerus Fractures  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Results of Total Elbow Arthroplasty in Rheumatoid Arthritis  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Continuous Passive Motion and Elbow Braces for the Stiff Elbow  
XII International Course on Reconstructive Surgery of the Joints  
Madrid, Spain 2003

Fracturas desplazadas del humero proximal: osteosintesis con placa angulada y clavo femoral proximal  
XXXIII Congreso de la SATO  
Cordoba, Spain 2003

TEA for Distal Humerus Fractures  
18th Annual Vail Orthopaedic Symposium  
Vail, Colorado 2004

Complications of TEA: Options and Salvage  
18th Annual Vail Orthopaedic Symposium  
Vail, Colorado 2004

Complex Elbow Instability: Current Concepts of Management  
18th Annual Vail Orthopaedic Symposium  
Vail, Colorado 2004

Exposures: Avoiding Triceps Problems  
Upper Extremity Fellows Program  
Rochester, Minnesota 04/08/2004 - 04/09/2004

Elbow Osteoarthritis: Presentation and Treatment Logic  
Upper Extremity Fellows Program  
Rochester, Minnesota 04/08/2004 - 04/09/2004

Extensile Elbow Exposures: How to Avoid Triceps Problems  
Mayo Upper Extremity Trauma Update Course  
Scottsdale, Arizona 04/22/2004 - 04/24/2004

Post-Traumatic Elbow Osteoarthritis in the Young Patient  
Mayo Upper Extremity Trauma Update Course  
Scottsdale, Arizona 04/22/2004 - 04/24/2004

Distal Humerus Fracture Treatment

XLI Congreso Argentino de Ortopedia y Traumatologia  
Buenos Aires, Argentina 12/2004

Primary Ashoulder Arthroplasty: Current Status  
XLI Congreso Argentino de Ortopedia y Traumatologia  
Buenos Aires, Argentina 12/2004

Shoulder Hemiarthroplasty for Proximal Humerus Fractures  
XLI Congreso Argentino de Ortopedia y Traumatologia  
Buenos Aires, Argentina 12/2004

The Column Procedure  
A Mayo Clinic Comprehensive Review: Reconstructive Surgery and Trauma of the  
Upper and Lower Limb  
Wailea, Hawaii 01/2005

Simple Elbow Dislocation  
A Mayo Clinic Comprehensive Review: Reconstructive Surgery and Trauma of the  
Upper and Lower Limb  
Wailea, Hawaii 01/2005

Instability After Shoulder Arthroplasty  
A Mayo Clinic Comprehensive Review: Reconstructive Surgery and Trauma of the  
Upper and Lower Limb  
Wailea, Hawaii 01/2005

Elbow Exposures: Flowing Through the Elbow  
A Mayo Clinic Comprehensive Review: Reconstructive Surgery and Trauma of the  
Upper and Lower Limb  
Wailea, Hawaii 01/2005

Cuff-Tear Arthropathy: Hemiarthroplasty or Reverse?  
A Mayo Clinic Comprehensive Review: Reconstructive Surgery and Trauma of the  
Upper and Lower Limb  
Wailea, Hawaii 01/2005

Total Elbow Arthroplasty for Acute Distal Humerus Fractures  
VIII Meeting Sociedad Española de Cirugía de Hombro y Codo (SECHC)  
La Coruña, Spain 01/2005

Dislocation After Hip Arthroplasty  
XIV International Course on Hip Reconstruction, Hospital La Paz, Universidad  
Autonoma  
Madrid, Spain 01/2005

Total Hip Arthroplasty for Congenital Hip Dysplasia

XIV International Course on Hip Reconstruction, Hospital La Paz, Universidad  
Autonoma  
Madrid, Spain 01/2005

Proximal Humerus Fractures  
Mayo Regional Orthopedic Society Spring Symposium  
Rochester, Minnesota 05/2005

Cementos biodegradables en fracturas de radio distal.  
Curso Basico SECOT  
Salamanca, Spain 06/2005

Recubrimientos porosos y de hidroxiapatita en artroplastia total de cadera.  
Curso Basico SECOT  
Salamanca, Spain 06/2005

Surgical Exposures of the Elbow: Effect on Triceps Function  
Elbow & Shoulder Cadaver Skills Course, OLC, AAOS  
Chicago, Illinois 12/2005

Valoración de resultados en la patología del miembro superior  
42 Congreso Nacional SECOT  
Sevilla, Spain 2005

Artroplastia de codo en la artrosis postraumatica  
Sociedad Española de Traumatología Laboral, 42 Congreso Nacional SECOT  
Sevilla, Spain 2005

Artroplastia de codo  
XI Jornadas Curso de Cirugia de la mano. Hospital Virgen de la Torre  
Madrid, Spain 11/2005

Lesiones del subescapular  
XI Jornadas Curso de Cirugia de la mano. Hospital Virgen de la Torre  
Madrid, Spain 11/2005

Fracturas de humero distal  
XI Jornadas Curso de Cirugia de la mano. Hospital Virgen de la Torre  
Madrid, Spain 11/2005

Artritis reumatoide de codo  
XI Jornadas Curso de Cirugia de la mano. Hospital Virgen de la Torre  
Madrid, Spain 11/2005

Artroplastia de hombro en las secuelas de fracturas  
XI Jornadas Curso de Cirugia de la mano. Hospital Virgen de la Torre

Madrid, Spain 11/2005

Inestabilidad compleja de codo  
Curso sobre patología del codo en el adulto. FREMAP  
Sevilla, Spain 02/2006

Vias de abordaje en cirugía abierta de codo  
Curso sobre patología del codo en el adulto. FREMAP  
Sevilla, Spain 02/2006

Manejo de la artrosis postraumática de codo  
Curso sobre patología del codo en el adulto. FREMAP  
Sevilla, Spain 02/2006

Tratamiento de la rigidez por vía artroscópica  
Curso sobre patología del codo en el adulto. FREMAP  
Sevilla, Spain 02/2006

The case for a linked total elbow arthroplasty  
Update in Shoulder and Elbow Surgery (Biomet)  
Nassau, Bahamas 02/2006

Impaction grafting in revision total elbow arthroplasty  
Update in Shoulder and Elbow Surgery (Biomet)  
Nassau, Bahamas 02/2006

Radial head fractures: comparison of conservative treatment, internal fixation and replacement  
Update in Shoulder and Elbow Surgery (Biomet)  
Nassau, Bahamas 02/2006

Reliable Treatment of Olecranon Fractures  
The Elbow: The Joint Between and Beyond  
Rochester, Minnesota 04/2006

Fractures of the Coronoid Process of the Ulna  
The Elbow: The Joint Between and Beyond  
Rochester, Minnesota 04/2006

Extensile Elbow Exposure: How to Manage the Extensor Mechanism.  
The Elbow: The Joint Between and Beyond  
Rochester, Minnesota 04/2006

Management of Radial Head Fractures  
Mayo Regional Orthopedic Society Spring Symposium  
Rochester, Minnesota 05/2006

Grand Rounds: Distal humerus fractures  
Department of Orthopaedic Surgery, Columbia University Medical Center, New York-  
Presbyterian Hospital  
New York, New York 05/2006

Artroplastia reversa  
Tercer Curso de Cirugia Reconstructiva Articular. Clinica Mayo - Pontificia Universidad  
Catolica de Chile  
Santiago de Chile, Chile 08/2006

Injerto oseo y revision en artroplastia de hombro.  
Tercer Curso de Cirugia Reconstructiva Articular. Clinica Mayo - Pontificia Universidad  
Catolica de Chile  
Santiago de Chile, Chile 08/2006

Técnica quirurgica y detalles en la artroplastia total de hombro  
Tercer Curso de Cirugia Reconstructiva Articular. Clinica Mayo - Pontificia Universidad  
Catolica de Chile  
Santiago de Chile, Chile 08/2006

Alternativas protesicas, implantes de codo ensamblados (linked) y no ensamblados  
(unlinked).  
Tercer Curso de Cirugia Reconstructiva Articular. Clinica Mayo - Pontificia Universidad  
Catolica de Chile  
Santiago de Chile, Chile 08/2006

Fracturas de Codo en el Adulto  
Instructional Course Lecture  
43rd Annual Meeting, SECOT  
Barcelona, Spain 10/2006

Principios Básicos de la Fijación Interna del Húmero Distal: Basic Principles for Internal  
Fixation of the Distal Humerus  
Curso sobre Cirugia del Codo: Conceptos y Controversias  
Palma de Mallorca, Spain 10/2006

Codo Rigido Postraumático: Tratamiento Quirúrgico, Opciones e Indicaciones.  
Posttraumatic Elbow Stiffness: Operative Treatment, Options and Indications.  
Curso sobre Cirugia del Codo: Conceptos y Controversias  
Palma de Mallorca, Spain 10/2006

Osteosintesis en las fracturas de humero proximal (Internal fixation for proximal humerus  
fractures).  
X Jornadas de Actualizacion en Traumatologia y Cirugia Ortopedica  
Murcia, Spain 11/2006

Osteosintesis en las fracturas de humero distal con placas periarticulares (Internal fixation of distal humerus fractures using periarticular plates).

X Jornadas de Actualizacion en Traumatologia y Cirugia Ortopedica  
Murcia, Spain 11/2006

Osteosintesis no sintetizables de fracturas de humero distal: tratamiento con protesis de codo (Total elbow arthroplasty for unfixable fractures of the distal humerus).

X Jornadas de Actualizacion en Traumatologia y Cirugia Ortopedica  
Murcia, Spain 11/2006

Radial head fractures. Current Solutions in Shoulder and Elbow Surgery.

Musculoskeletal Research Foundation and Cleveland Clinic Florida  
Tampa, Florida 12/2006

Distal humerus fractures. Current Solutions in Shoulder and Elbow Surgery.

Musculoskeletal Research Foundation and Cleveland Clinic Florida  
Tampa, Florida 12/2006

Taking the History

American Academy of Orthopaedic Surgeons Annual Meeting, Instructional Course  
Lecture #369 "Making the Clinical Diagnosis in Elbow Injury"  
San Diego, California 02/2007

Distal humerus nonunions

IX Congreso SECHC  
Gijon, Asturias, Spain 03/2007

Periprosthetic elbow fractures

IX Congreso SECHC  
Gijon, Asturias, Spain 03/2007

Periprosthetic fractures

XVI International Course on Osteoarticular Reconstructive Surgery. Hospital La Paz.  
Universidad Autonoma de Madrid  
Madrid, Spain 03/2007

Dislocation in total hip replacement

XVI International Course on Osteoarticular Reconstructive Surgery. Hospital La Paz.  
Universidad Autonoma de Madrid  
Madrid, Spain 03/2007

Exposures: avoiding triceps problems

The Elbow: The Joint Between and Beyond  
Rochester, Minnesota 04/2007

Coronoid fractures: recognition and management.  
The Elbow: The Joint Between and Beyond  
Rochester, Minnesota 04/2007

The Rheumatoid Shoulder  
XXII Corso Teorico-Pratico di Chirurgia Artroscopica  
Bologna, Italy 06/2007

Elbow arthroscopy: Indications and Surgical Technique  
XXII Corso Teorico-Pratico di Chirurgia Artroscopica  
Bologna, Italy 06/2007

Avances en cirugia reconstructiva de codo (Advances in elbow reconstructive surgery)  
44 Congreso Nacional SECOT  
Madrid, Spain 09/2007

Luxacion de protesis total de cadera: coste y prevencion (Dislocation after total hip  
arthroplasty: cost and prevention)  
44 Congreso Nacional SECOT  
Madrid, Spain 09/2007

Elbow fractures and complex elbow instability  
Ralph Coonrad Symposium Update on Elbow Surgery. 10th ICSS  
Salvador, Brazil 09/2007

Elbow arthroplasty: problems and solutions  
Third Fall Meeting, Turkish Society of Sports Traumatology, Arthroscopy, and Knee  
Surgery  
Istanbul, Turkey 11/2007

Elbow arthroplasty: principles and indications  
Third Fall Meeting, Turkish Society of Sports Traumatology, Arthroscopy, and Knee  
Surgery  
Istanbul, Turkey 11/2007

Elbow arthroplasty: surgical technique and rehabilitation  
Third Fall Meeting, Turkish Society of Sports Traumatology, Arthroscopy, and Knee  
Surgery  
Istanbul, Turkey 11/2007

Elbow Stiffness  
Current Solutions in Shoulder and Elbow Surgery  
Tampa, Florida 01/2008

Complex Elbow Instability  
Current Solutions in Shoulder and Elbow Surgery

Tampa, Florida 01/2008

Distal Humerus Fracture Nonunion  
Current Solutions in Shoulder and Elbow Surgery  
Tampa, Florida 01/2008

Taking the history  
75th Annual Meeting. American Academy of Orthopaedic Surgeons (AAOS). ICL # 311  
Making the clinical diagnosis in elbow injury  
San Francisco, California 03/2008

The role of hemiarthroplasty and unicompartimental elbow arthroplasty  
Moderator  
75th Annual Meeting. American Academy of Orthopaedic Surgeons (AAOS). ICL # 368.  
Elbow arthroplasty: lessons learned from the past and directions for the future  
San Francisco, California 03/2008

The role of hemiarthroplasty and unicompartimental elbow arthroplasty  
75th Annual Meeting. American Academy of Orthopaedic Surgeons (AAOS). ICL # 368.  
Elbow arthroplasty: lessons learned from the past and directions for the future  
San Francisco, California 03/2008

Distal humerus nonunion  
75th Annual Meeting. American Academy of Orthopaedic Surgeons (AAOS).  
Symposium: Trends and controversies in the management of elbow trauma and  
posttraumatic elbow reconstruction: from arthroscopy to arthroplasty  
San Francisco, California 03/2008

Distal humeral pseudoarthrosis: treatment options.  
XVII International Course on Osteoarticular Reconstructive Surgery. Surgery of the  
Shoulder and Elbow. Department of Traumatology and Orthopedic Surgery. Hospital  
Universitario La Paz.  
Madrid, Spain 04/2008

The infected total shoulder arthroplasty: treatment options  
XVII International Course on Osteoarticular Reconstructive Surgery. Surgery of the  
Shoulder and Elbow. Department of Traumatology and Orthopedic Surgery. Hospital  
Universitario La Paz.  
Madrid, Spain 04/2008

Fractures of the distal humerus: fixation with parallel plates  
XVII International Course on Osteoarticular Reconstructive Surgery. Surgery of the  
Shoulder and Elbow. Department of Traumatology and Orthopedic Surgery. Hospital  
Universitario La Paz.  
Madrid, Spain 04/2008

Bone complications in elbow arthroplasty: loosening and periprosthetic fractures  
XVII International Course on Osteoarticular Reconstructive Surgery. Surgery of the  
Shoulder and Elbow. Department of Traumatology and Orthopedic Surgery. Hospital  
Universitario La Paz.  
Madrid, Spain 04/2008

Infection after total elbow arthroplasty.  
10th Advanced Elbow Surgical Course: Elbow Arthroplasty, Mayo Clinic College of  
Medicine  
Rochester, Minnesota 05/2008

Unicompartmental hemiarthroplasty of the elbow.  
10th Advanced Elbow Surgical Course: Elbow Arthroplasty, Mayo Clinic College of  
Medicine  
Rochester, Minnesota 05/2008

Reverse Total Shoulder Arthroplasty  
Mayo Regional Orthopedic Symposium  
Rochester, Minnesota 05/2008

Distal humerus fractures  
5 Jornadas de Asepeyo en Traumatologia. Avances en Traumatologia del Codo. Hospital  
Asepeyo Sant Cugat  
Barcelona, Spain 11/2008

Distal humerus nonunions  
5 Jornadas de Asepeyo en Traumatologia. Avances en Traumatologia del Codo. Hospital  
Asepeyo Sant Cugat  
Barcelona, Spain 11/2008

Radial head fractures: Past and Present  
5 Jornadas de Asepeyo en Traumatologia. Avances en Traumatologia del Codo. Hospital  
Asepeyo Sant Cugat  
Barcelona, Spain 11/2008

Treatment of Posttraumatic Elbow Arthritis  
5 Jornadas de Asepeyo en Traumatologia. Avances en Traumatologia del Codo. Hospital  
Asepeyo Sant Cugat  
Barcelona, Spain 11/2008

How to approach hip dislocation.  
III Jornadas de Cirurgia de Cadera del Adulto Joven. Hospital Alcala de Henares  
Madrid, Spain 02/2008

Modular stems in dysplasia, when and why.  
III Jornadas de Cirurgia de Cadera del Adulto Joven. Hospital Alcala de Henares

Madrid, Spain 02/2008

Instability after shoulder arthroplasty. Current Solutions in Shoulder and Elbow Surgery.  
Foundation for Orthopaedic Research and Education.  
Tampa, Florida 01/2009

Hemiarthroplasty and unicompartmental arthroplasty of the elbow. Current Solutions in  
Shoulder and Elbow Surgery.  
Foundation for Orthopaedic Research and Education.  
Tampa, Florida 01/2009

Open capsular release  
Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon  
Madrid, Spain 04/2009

Distal humerus nonunions  
Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon  
Madrid, Spain 04/2009

Complex elbow instability  
Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon  
Madrid, Spain 04/2009

Revision total elbow arthroplasty  
Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon  
Madrid, Spain 04/2009

Open capsular release  
Advanced Techniques in Reconstructive Elbow Surgery. The American Society for  
Surgery of the Hand. AAOS Orthopedic Learning Center.  
Rosemont, Illinois 06/2009

Physical Examination of the Elbow.  
Physician Assistants in Orthopedic Surgery (PAOS) 2008 CME Conference  
Chicago, Illinois 08/2008

Avoiding complications in acute elbow trauma.  
Patologia Traumatica del codo y sus secuelas, nuevas ideas  
Sevilla, Spain 11/2009

The management of sequels after elbow trauma.  
Patologia Traumatica del codo y sus secuelas, nuevas ideas  
Sevilla, Spain 11/2009

Elbow Stiffness  
I Curso de Actualizacion en Patologia del Miembro Superior. Hospital FREMAP.

Sevilla, Spain 2/2010

Coronoid fractures.

I Curso de Actualizacion en Patologia del Miembro Superior. Hospital FREMAP.  
Sevilla, Spain 02/2010

Total elbow arthroplasty for posttraumatic sequelae

I Curso de Actualizacion en Patologia del Miembro Superior. Hospital FREMAP.  
Sevilla, Spain 02/2010

Elbow medial and lateral epicondylar tendinopathies.

I Curso de Actualizacion en Patologia del Miembro Superior. Hospital FREMAP.  
Sevilla, Spain 02/2010

Distal humerus fractures

IX Curso de Cirurgia De Ombro e Cotovelo. Instituto Sirio-Libanes de Ensino e Pesquisa  
Sao Paulo, Brazil 02/2010

Distal humerus nonunions

IX Curso de Cirurgia De Ombro e Cotovelo. Instituto Sirio-Libanes de Ensino e Pesquisa  
Sao Paulo, Brazil 02/2010

Complex elbow instability.

IX Curso de Cirurgia De Ombro e Cotovelo. Instituto Sirio-Libanes de Ensino e Pesquisa  
Sao Paulo, Brazil 02/2010

The evaluation and management of posttraumatic elbow stiffness

IX Curso de Cirurgia De Ombro e Cotovelo. Instituto Sirio-Libanes de Ensino e Pesquisa  
Sao Paulo, Brazil 02/2010

Open capsular release

Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon.  
Madrid, Spain 04/2010

Distal humerus nonunions

Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon.  
Madrid, Spain 04/2010

Complex elbow instability

Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon.  
Madrid, Spain 04/2010

Revision total elbow arthroplasty

Curso Actualizacion en Cirugia del Codo del Adulto. Fundacion Hospital Alcorcon.  
Madrid, Spain 04/2010

Reverse shoulder arthroplasty  
Mayo Regional Orthopedic Society. Spring Symposium 2010  
Rochester, Minnesota 04/2010

Complications in shoulder arthroplasty: Prevention and treatment.  
XIX Congreso Sociedad Castellano-Manchega de Traumatología y Cirugía Ortopédica.  
Madrid, Spain 05/2010

Treatment of proximal humerus fractures: Fixation/prosthesis.  
EFORT-EULAR Symposium  
Madrid, Spain 06/2010

Arthroscopic treatment of elbow stiffness.  
Symposium on Elbow Arthroscopy, SECHC - Sociedad Española de Cirugía de Hombro  
y Codo. 47th SECOT meeting.  
Madrid, Spain 06/2010

Complex Elbow Instability. (ICL Course #4)  
11th International Congress on Shoulder & Elbow Surgery (ICSES) 2010 Meeting  
Edinburgh, United Kingdom 09/2010

Investigations in the cause, prevention and treatment of elbow stiffness.  
Mayo Clinic, Department of Orthopedic Surgery, 2010 Alumni Meeting  
Rochester, Minnesota 09/2010

An update in reverse shoulder arthroplasty  
Mayo Clinic, Department of Orthopedic Surgery, 2010 Alumni Meeting  
Rochester, Minnesota 2010

Humeral shaft fracture: Should I nail it or plate it?  
ASES 2010 International Symposium on Shoulder and Elbow Trauma  
Scottsdale, Arizona 10/2010

Open contracture release.  
Orthopedic Learning Center Elbow Course  
Chicago, Illinois 10/2010

Elbow arthroscopy (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Elbow Arthroplasty (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Distal humerus nonunions (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Complex elbow instability (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Persistent elbow instability (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Management of elbow fractures and dislocations (AAOS ICL)  
Asociación Argentina de Ortopedia y Traumatología (AAOT) Meeting on Upper  
Extremity Trauma: The Classic, The New  
Buenos Aires, Argentina 11/2010

Complex elbow instability.  
Current Solutions in Shoulder and Elbow Surgery  
Tampa, Florida 01/2011

Distal humerus nonunion: Treatment by internal fixation or arthroplasty.  
Current Solutions in Shoulder and Elbow Surgery  
Tampa, Florida 01/2011

Distal humerus fractures (AAOS ICL on Acute elbow trauma: A logical evidence-based  
approach to complex elbow injuries)  
2011 Annual Meeting  
San Diego, California 02/2011

Elbow Arthroplasty  
XXVI Corso Teorico-Pratico di Chirurgia Artroscopica  
Bologna, Italy 03/2011

Elbow Arthroplasty.  
56th Annual Meeting, Sociedad Colombiana de Cirugia Ortopedica y Traumatologia  
(SCCOT)  
Cartagena de Indias, Colombia 05/2011

Complications of elbow arthroplasty.  
56th Annual Meeting, Sociedad Colombiana de Cirugia Ortopedica y Traumatologia  
(SCCOT)

Cartagena de Indias, Colombia 05/2011

Complex elbow instability and coronoid fractures.  
56th Annual Meeting, Sociedad Colombiana de Cirugia Ortopedica y Traumatologia (SCCOT)  
Cartagena de Indias, Colombia 05/2011

Internal fixation for complex distal humerus fractures.  
56th Annual Meeting, Sociedad Colombiana de Cirugia Ortopedica y Traumatologia (SCCOT)  
Cartagena de Indias, Colombia 05/2011

Posterolateral and posteromedial acute elbow instability.  
XX Curso Internacional de Cirugia Reconstructiva Osteoarticular. Cirugia de Hombro y Codo 2011.  
Madrid, Spain 05/2011

Instability after anatomic and reverse shoulder arthroplasty.  
XX Curso Internacional de Cirugia Reconstructiva Osteoarticular. Cirugia de Hombro y Codo 2011.  
Madrid, Spain 05/2011

Proximal humerus nonunion and malunion: internal fixation and osteotomy.  
XX Curso Internacional de Cirugia Reconstructiva Osteoarticular. Cirugia de Hombro y Codo 2011.  
Madrid, Spain 05/2011

Treatment options for the young patient with elbow osteoarthritis and instability.  
XX Curso Internacional de Cirugia Reconstructiva Osteoarticular. Cirugia de Hombro y Codo 2011.  
Madrid, Spain 05/2011

Artroplastia primaria de codo.  
I Foro de Cirugia Ortopedica y Traumatologia Avanzada: Codo. Hospital Infanta Leonor, Universidad de Medicina San Pablo C.E.U.  
Madrid, Spain 06/2011

Arthroscopic treatment of elbow stiffness.  
I Foro de Cirugia Ortopedica y Traumatologia Avanzada: Codo. Hospital Infanta Leonor, Universidad de Medicina San Pablo C.E.U.  
Madrid, Spain 06/2011

Complicaciones de la artroplastia de codo.  
I Foro de Cirugia Ortopedica y Traumatologia Avanzada: Codo. Hospital Infanta Leonor, Universidad de Medicina San Pablo C.E.U.  
Madrid, Spain 06/2011

Advances in shoulder replacement surgery.  
Mayo Clinic Alumni Association 67th Meeting.  
Ponte Vedra, Florida 09/2011

ReUnion total shoulder arthroplasty.: Surgical technique.  
Stryker Shoulder Cadaver Dissection Course.  
Fort Lauderdale, Florida 10/2011

Sternoclavicular joint instability: Evaluation and surgical treatment.  
Actualizacion en traumatismos complejos del hombro. Hospital Clinic de Barcelona.  
Barcelona, Spain 11/2011

Total elbow arthroplasty in rheumatoid arthritis.  
Curso Teorico Practico Sobre Artroplastia de Codo en Cadaver.  
Alicante, Spain 11/2011

Complications and revision surgery in total elbow arthroplasty.  
Curso Teorico Practico Sobre Artroplastia de Codo en Cadaver.  
Alicante, Spain 11/2011

Failed shoulder hemiarthroplasty for fractures: Evaluation and surgical treatment.  
HActualizacion en traumatismos complejos del hombro. Hospital Clinic de Barcelona.  
Barcelona, Spain 11/2011

Revision shoulder arthroplasty.  
II Curso Internacional de Artroplastia de Cadera y Rodailla, Capitulo Especial de  
Artroplastic de Hombro. ICJR - Clinica Mayo en Peru.  
Lima, Peru 02/2012

Primary shoulder arthroplasty: indications and surgical technique.  
II Curso Internacional de Artroplastia de Cadera y Rodailla, Capitulo Especial de  
Artroplastic de Hombro. ICJR - Clinica Mayo en Peru.  
Lima, Peru 02/2012

Sanchez-Sotelo J. Open reduction and internal fixation for proximal humerus fractures.  
2012 Santander Shoulder Course. Santander, Spain, March 8th and 9th, 2012.

Sanchez-Sotelo J. Proximal humerus nonunion and malunion: internal fixation and  
osteotomy. 2012 Santander Shoulder Course. Santander, Spain, March 8th and 9th, 2012.

Sanchez-Sotelo J. Physical examination and arthroscopic anatomy of the glenohumeral  
ligaments. 2012 Santander Shoulder Course. Santander, Spain, March 8th and 9th, 2012.

Sanchez-Sotelo J. Glenoid bone loss in shoulder instability: evaluation and treatment.  
2012 Santander Shoulder Course. Santander, Spain, March 8th and 9th, 2012.

Sanchez-Sotelo J. Non-prosthetic management of elbow osteoarthritis. 8<sup>th</sup> Biennial Combined AAOS/ASES Course. Boca Raton, Fl, May 3-6, 2012.

Sanchez-Sotelo J. Research in arthroscopic surgery: keys for success. XXX Congress Spanish Orthopedic Association. Valencia, Spain. May 8-11, 2012.

Sanchez-Sotelo J. Basic science investigations in elbow stiffness. XXX Congress Spanish Orthopedic Association. Valencia, Spain. May 8-11, 2012.

Sanchez-Sotelo J. Arthroscopic surgery in elbow osteoarthritis. XXX Congress Spanish Orthopedic Association. Valencia, Spain. May 8-11, 2012.

Sanchez-Sotelo J. Total elbow arthroplasty. 8th Brazilian Shoulder and Elbow Congress. Foz do Iguazu, Brazil. June 2012.

Sanchez-Sotelo J. Reverse total shoulder arthroplasty. 8th Brazilian Shoulder and Elbow Congress. Foz do Iguazu, Brazil. June 2012.

Sanchez-Sotelo J. Complex elbow instability. 8th Brazilian Shoulder and Elbow Congress. Foz do Iguazu, Brazil. June 2012.

Sanchez-Sotelo J. Proximal humerus fractures. 8th Brazilian Shoulder and Elbow Congress. Foz do Iguazu, Brazil. June 2012.

Sanchez-Sotelo J. Arthroscopic treatment of elbow stiffness. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo – Hospital Infanta Leonor. Madrid, Spain. June 21-22, 2012.

Sanchez-Sotelo J. Infection in total elbow arthroplasty. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo – Hospital Infanta Leonor. Madrid, Spain. June 21-22, 2012.

Sanchez-Sotelo J. Video: Surgical technique for total elbow arthroplasty. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo – Hospital Infanta Leonor. Madrid, Spain. June 21-22, 2012.

Sanchez-Sotelo J. Anconeus interposition arthroplasty. II Curso de Actualizacion en Patologia del Miembro Superior. FREMAP. Sevilla, Spain, October 18 and 19th, 2012.

Sanchez-Sotelo J. Radial head replacement and unicompartimental radiocapitellar arthroplasty for loss of pronation and supination complicating radial head fractures. II Curso de Actualizacion en Patologia del Miembro Superior. FREMAP. Sevilla, Spain, October 18 and 19th, 2012.

Sanchez-Sotelo J. Reverse Kapandji for proximal radius ankylosis. II Curso de

Actualizacion en Patologia del Miembro Superior. FREMAP. Sevilla, Spain, October 18 and 19th, 2012.

Sanchez-Sotelo J. Heterotopic ossification after distal biceps tendon repair. II Curso de Actualizacion en Patologia del Miembro Superior. FREMAP. Sevilla, Spain, October 18 and 19th, 2012.

Sanchez-Sotelo J. SLAP lesions: evaluation and surgical treatment. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo. Madrid, 25 y 26 de Octubre del 2012.

Sanchez-Sotelo J. Complications in shoulder arthroplasty. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo. Madrid, 25 y 26 de Octubre del 2012.

Sanchez-Sotelo J. Reverse total shoulder arthroplasty for proximal humerus fractures. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo. Madrid, 25 y 26 de Octubre del 2012.

Sanchez-Sotelo J. Surgical technique: reverse total shoulder arthroplasty. II Foro de Cirugia Ortopedica y Traumatologia Avanzada. CEU Universidad San Pablo. Madrid, 25 y 26 de Octubre del 2012.

Sanchez-Sotelo J. Parallel-plating techniques for distal humerus fractures. XLVIII Congreso Chileno de Oetopedia y Traumatologia. Chile, November 21-24, 2012.

Sanchez-Sotelo J. Tips and tricks in reverse shoulder arthroplasty. XLVIII Congreso Chileno de Oetopedia y Traumatologia. Chile, November 21-24, 2012.

Sanchez-Sotelo J. Complex distal humerus fracture management. XLVIII Congreso Chileno de Oetopedia y Traumatologia. Chile, November 21-24, 2012.

Sanchez-Sotelo J. Elbow arthroplasty in young patients. XLVIII Congreso Chileno de Oetopedia y Traumatologia. Chile, November 21-24, 2012.

Sanchez-Sotelo J. Bone grafting in glenoid defects for patients with anterior shoulder instability. XLVIII Congreso Chileno de Oetopedia y Traumatologia. Chile, November 21-24, 2012.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. Current Solutions in Shoulder and Elbow Surgery. Tampa Fl January 11-13, 2013.

Sanchez-Sotelo J. Elbow heterotopic ossification after trauma. Current Solutions in Shoulder and Elbow Surgery. Tampa Fl January 11-13, 2013.

Sanchez-Sotelo J. Understanding proximal humerus fractures. Current Solutions in Shoulder and Elbow Surgery. Tampa FL January 11-13, 2013.

Sanchez-Sotelo J. Advances in elbow arthroscopy. 2013 Miami Hand Course. Miami FL. March 17-18<sup>th</sup>, 2013.

Sanchez-Sotelo J. Complications following lateral epicondylitis surgery. 2013 Open Meeting American Shoulder and Elbow Surgeons (ASES). Chicago, IL March 23<sup>rd</sup>, 2013.

Sanchez-Sotelo J. Elbow arthroscopic osteocapsular arthroplasty. XXXI Congreso de la Asociacion Espanola de Artroscopia (AEA). San Sebastian, Spain, April 24-26, 2013.

Sanchez-Sotelo J. How to write and publish a scientific paper. XXXI Congreso de la Asociacion Espanola de Artroscopia (AEA). San Sebastian, Spain, April 24-26, 2013.

Sanchez-Sotelo J. Diagnosis and management of superior labral tears. III Foro de Cirugia Avanzada en Cadaver: Hombro. Univesidad CEU San Pablo – Hospital Infanta Leonor. Madrid, May 9-10 2013.

Sanchez-Sotelo J. Shoulder adhesive capsulitis. III Foro de Cirugia Avanzada en Cadaver: Hombro. Univesidad CEU San Pablo – Hospital Infanta Leonor. Madrid, May 9-10 2013.

Sanchez-Sotelo J. Anatomic total shoulder arthroplasty. III Foro de Cirugia Avanzada en Cadaver: Hombro. Univesidad CEU San Pablo – Hospital Infanta Leonor. Madrid, May 9-10 2013.

Sanchez-Sotelo J. Shoulder arthroplasty for proximal humerus fractures. III Foro de Cirugia Avanzada en Cadaver: Hombro. Univesidad CEU San Pablo – Hospital Infanta Leonor. Madrid, May 9-10 2013.

Sanchez-Sotelo J. Reverse total shoulder arthroplasty. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. Understanding proximal humerus fractures. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. Tips and tricks for internal fixation of proximal humerus fractures. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. Total elbow arthroplasty: complications and revision surgery. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. Management of distal humerus nonunion. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. Elbow posterolateral rotatory instability. 2013 Annual Meeting, Argentinian Shoulder and Elbow Society: Advanced Course in Shoulder and Elbow Surgery. Buenos Aires, June 2013.

Sanchez-Sotelo J. How I do it: distal humerus fracture fixation video presentation. Madrid International Advanced Course on Elbow Surgery IACES 2013. Madrid, Spain, September 2013.

Sanchez-Sotelo J. Why does an elbow become stiff. Madrid International Advanced Course on Elbow Surgery IACES 2013. Madrid, Spain, September 2013.

Sanchez-Sotelo J. Chronic posterolateral instability: soft-tissue repair. Madrid International Advanced Course on Elbow Surgery IACES 2013. Madrid, Spain, September 2013.

Sanchez-Sotelo J. How I do it: Elbow arthroplasty for distal humerus nonunion video presentation. Madrid International Advanced Course on Elbow Surgery IACES 2013. Madrid, Spain, September 2013.

Sanchez-Sotelo J. Acumed workshop on distal humerus fracture fixation. Madrid International Advanced Course on Elbow Surgery IACES 2013. Madrid, Spain, September 2013.

Sanchez-Sotelo J. Arthroplasty for proximal humerus fracture. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Sanchez-Sotelo J. Injuries to the sternoclavicular joint. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Sanchez-Sotelo J. The failed arthroplasty after proximal humerus fractures. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Sanchez-Sotelo J. Arthroplasty for distal humerus fractures. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Sanchez-Sotelo J. Basic concepts in complex instability of the elbow. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Sanchez-Sotelo J. Heterotopic ossification of the elbow. 1 Curso de Trauma de Hombro e Cotovelo e Suas Complicacoes. Recife, Brazil. September 2013.

Course Director. Stryker Dissection Courses. November 1-2, 2013. Long Beach California.

Sanchez-Sotelo J. Total elbow arthroplasty for complex distal humerus fractures. Current Solutions in Shoulder and Elbow Surgery. Tampa, Fl. 2014.

Sanchez-Sotelo J. Elbow heterotopic ossification. Current Solutions in Shoulder and Elbow Surgery. Tampa, Fl. 2014.

Sanchez-Sotelo J. Radial head fractures: Internal fixation vs arthroplasty. Santander International Orthop Meeting. 6<sup>th</sup> Edition. Santander, Spain, 2014.

Sanchez-Sotelo J. Elbow heterotopic ossification: current concepts. Santander International Orthop Meeting. 6<sup>th</sup> Edition. Santander, Spain, 2014.

Sanchez-Sotelo J. Total elbow arthroplasty: an update. Santander International Orthop Meeting. 6<sup>th</sup> Edition. Santander, Spain, 2014.

Sanchez-Sotelo J. Surgical technique for total shoulder arthroplasty. Santander International Orthop Meeting. 6<sup>th</sup> Edition. Santander, Spain, 2014.

**Sanchez-Sotelo J.** Shoulder arthrodesis as a salvage procedure for persistent instability. Presenter. Shoulder symposium: Complex shoulder instability: Around the world in 120 minutes. AAOS 2014, New Orleans, LA.

**Sanchez-Sotelo J.** Research projects and abstract submission. Presenter. ICL Faculty development course 3: Techniques for internationals submitting abstracts and educational programming proposals for US educational programs. AAOS 2014, New Orleans, LA.

**Sanchez-Sotelo J.** Open contracture release. Presenter and Moderator. Elbow Symposium: Surgical tips and tricks to perform common elbow procedures. AAOS 2014, New Orleans, LA.

**Sanchez-Sotelo J.** Managing complications of total shoulder arthroplasty. Presenter. ICL Shoulder arthroplasty: key steps to improve outcomes and minimize complications. AAOS 2014, New Orleans, LA.

**Sanchez-Sotelo J.** TEA: Obtaining good outcomes in 2014. Presenter and moderator. ICL Elbow arthroplasty: lessons learned from the past and directions for the future. AAOS 2014, New Orleans, LA.

**Sanchez-Sotelo J.** Technical pearls to improve the outcome of primary total shoulder arthroplasty. San Diego Shoulder Course, 31<sup>st</sup> Edition – Arthroscopy. Arthroplasty and Fractures. San Diego, CA. June 18-21, 2014.

**Sanchez-Sotelo J.** Clinical Case Panel I: What are glenoid options today?. San Diego Shoulder Course, 31<sup>st</sup> Edition – Arthroscopy. Arthroplasty and Fractures. San Diego, CA. June 18-21, 2014.

**Sanchez-Sotelo J.** Sternoclavicular instability. San Diego Shoulder Course, 31<sup>st</sup> Edition – Arthroscopy. Arthroplasty and Fractures. San Diego, CA. June 18-21, 2014.

Sanchez-Sotelo J. Two-incision for distal biceps tendon repair. 2015 AAOS OLC Course. Rosemont IL, November 14-15, 2104.

Sanchez-Sotelo J. Elbow arthroplasty. 2015 AAOS OLC Course. Rosemont IL, November 14-15, 2104.

Sanchez-Sotelo J. Acute ligament management in elbow terrible triads. 2015 Current Solutions in Shoulder and Elbow Surgery. Tampa, Fl. Jan 15 – 27, 2015.

Sanchez-Sotelo J. Chronic instability after elbow trauma. 2015 Current Solutions in Shoulder and Elbow Surgery. Tampa, Fl. Jan 15 – 27, 2015.

Sanchez-Sotelo J. Risk factors for poor outcomes in proximal humerus fractures treated nonoperatively. 2015 Current Solutions in Shoulder and Elbow Surgery. Tampa, Fl. Jan 15 – 27, 2015.

Sanchez-Sotelo J. Advances in shoulder arthroplasty. 2015 Acierta Days, MSD. Madrid, Spain. February 27 and 28<sup>th</sup>, 2015.

Sanchez-Sotelo J. Total elbow arthroplasty in acute distal humerus fractures. Mighell: ICL 130. AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015.

Sanchez-Sotelo J. Total elbow arthroplasty in distal humerus fractures and nonunions. Sanchez-Sotelo J: ICL 177. AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015.

Sanchez-Sotelo J. Writing an abstract that gets accepted. ICL FD11 (Marra). AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015.

Sanchez-Sotelo J. Complications after anatomic total shoulder arthroplasty. Sperling J: ICL 348. Shoulder Arthroplasty: Key Steps to Improve Outcomes and Minimize Complications. AAOS Annual Meeting. Las Vegas NV, March 24 – 18, 2015

Sanchez-Sotelo J. Step-by-step distal humerus fracture fixation. IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Distal humerus nonunion: reconstruction and replacement. IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Tips and tricks for grafting in chronic distal biceps tendon ruptures. IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Polyethylene wear and triceps insufficiency in total elbow arthroplasty. IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Why did this elbow become stiff? IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Ligamentoplasty for chronic instability. IACES 2015: Madrid International Advanced Course on Elbow Surgery. Madrid, Spain. May 21-23, 2015.

Sanchez-Sotelo J. Management of instability after shoulder arthroplasty. San Diego Shoulder Course. June 17-20, 2015.

Sanchez-Sotelo J. Management of the stiff elbow. XXX Corso Teorico-Pratico Di Chirurgia Artroskopica. Castelnuovo del Garda (VR), 19-21 September, 2015.

Sanchez-Sotelo. Rotator cuff tears. XXX Corso Teorico-Pratico Di Chirurgia Artroskopica. Castelnuovo del Garda (VR), 19-21 September, 2015.]

Sanchez-Sotelo J. Shoulder arthroplasty: an update. XXX Corso Teorico-Pratico Di Chirurgia Artroskopica. Castelnuovo del Garda (VR), 19-21 September, 2015.

Sanchez-Sotelo J. Surgical management of proximal humerus fractures. Grand Rounds. The Warren Alpert Medical School of Brown University, Department of Orthopedic Surgery. October 21<sup>st</sup>, 2015. Providence – Rhode Island.

Sanchez-Sotelo J. Coronoid fractures. Primera Jornada de Cirugia Reconstructiva de la Extremidad Superior: Actualizacion en Patologia de Codo. Barcelona, Spain, November 12-13, 2015.

Sanchez-Sotelo J. Distal humerus nonunion. Primera Jornada de Cirugia Reconstructiva de la Extremidad Superior: Actualizacion en Patologia de Codo. Barcelona, Spain, November 12-13, 2015.

Sanchez-Sotelo J. Arthroscopic management of the stiff elbow. Primera Jornada de Cirugia Reconstructiva de la Extremidad Superior: Actualizacion en Patologia de Codo. Barcelona, Spain, November 12-13, 2015.

Sanchez-Sotelo J. Optimal management of a 45 year old man with arthritis: total shoulder arthroplasty is best. VuMedi The Event 2015. San Francisco, CA. Nov 20-22, 2015.

Sanchez-Sotelo J. Hemiarthroplasty for 4-part proximal humerus fracture. VuMedi The Event 2015. San Francisco, CA. Nov 20-22, 2015.

Sanchez-Sotelo J. How to fix proximal humerus fractures. Orthopaedic Summit 2015. Las Vegas NV USA, December 2-5. 2015

Sanchez-Sotelo J. Radial head arthroplasty. Orthopaedic Summit 2015. Las Vegas NV USA, December 2-5. 2015

Sanchez-Sotelo J. Complications after total elbow arthroplasty. Orthopaedic Summit 2015. Las Vegas NV USA, December 2-5. 2015

Sanchez-Sotelo J. Reverse for four-part fracture: tips and tricks. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies course. Scottsdale AZ USA. January 23 & 24, 2016.

Sanchez-Sotelo J. Shoulder arthroplasty case presentations. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies course. Scottsdale AZ USA. January 23 & 24, 2016.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies course. Scottsdale AZ USA. January 23 & 24, 2016.

Sanchez-Sotelo J. The terrible triad injury. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies course. Scottsdale AZ USA. January 23 & 24, 2016.

Sanchez-Sotelo J. PLRI and tennis elbow: an update. 2016 FORE Current solutions in Shoulder and Elbow Surgery. Tampa FL, February 4 – 7, 2016.

Sanchez-Sotelo J. Glenoid exposure and soft-tissue balance in shoulder arthroplasty. 2016 FORE Current solutions in Shoulder and Elbow Surgery. Tampa FL, February 4 – 7, 2016.

Sanchez-Sotelo J. Managing complications of total shoulder arthroplasty. AAOS 2016 Annual Meeting. ICL #128. Moderator Dr. Sperling. Orlando, 2016.

Sanchez-Sotelo J. Case presentations. How to avoid complications in elbow trauma: a case-based interactive discussion. AAOS 2016 Annual Meeting. ICL #128. Moderator Dr. King. Orlando, 2016.

Sanchez-Sotelo J. Moderator and speaker. Game changers in elbow surgery: new paradigms that transformed my practice. AAOS 2016 Annual Meeting. Elbow symposium Moderator Dr. Sanchez-Sotelo. Orlando, 2016.

Sanchez-Sotelo J. Writing an abstract that gets accepted. . AAOS 2016 Annual Meeting. ICL #CD12. Moderator Dr. Marra. Orlando, 2016.

Sanchez-Sotelo J. Moderator and speaker. The role of elbow arthroplasty for distal humerus fractures and nonunions. AAOS 2016 Annual Meeting. ICL # 308 – Elbow arthroplasty: lessons learned from the past and directions for the future. Moderator Dr. King. Orlando, 2016.

Sanchez-Sotelo J. The unstable anatomic total shoulder arthroplasty. AAOS 2016 Shoulder symposium on Shoulder arthroplasty: what to do when things go bad, managing complications. Moderator Dr. Steinmann. Orlando, 2016.

Sanchez-Sotelo J. Tips and tricks to improve the outcomes in anatomic total shoulder arthroplasty. Grand Rounds Speaker. Lahey Clinic. March 9, 2016.

Sanchez-Sotelo J. 10 tips to streamline arthroscopic cuff repair. 2016 Nice Shoulder Course. June, 3-4, 2016. Nice, France.

Sanchez-Sotelo J. Management of humeral bone loss in reverse shoulder arthroplasty. 2016 Nice Shoulder Course. June, 3-4, 2016. Nice, France.

Sanchez-Sotelo J. Revision of a failed total shoulder arthroplasty: an overview. 33rd Annual San Diego Shoulder Course. June 22-25, 2016.

Sanchez-Sotelo J. Revision of a failed TSA to a reverse shoulder arthroplasty. 33rd Annual San Diego Shoulder Course. June 22-25, 2016.

Sanchez-Sotelo J. Prevention of surgical site infection around the shoulder: the evidence. 33rd Annual San Diego Shoulder Course. June 22-25, 2016.

Sanchez-Sotelo J. Reverse shoulder arthroplasty: indications and expectations. The third annual Codman Shoulder Society meeting. San Diego, June 25<sup>th</sup> 2016.

Sanchez-Sotelo J. Reverse shoulder arthroplasty. AAOS/AANA 2016 Tecnicas Avanzadas en Cirugia de Hombro. Orthopedic Learning Center. Rossemont, IL. September 17<sup>th</sup> and 18<sup>th</sup>, 2016.

Sanchez-Sotelo J. How to expose the glenoid in shoulder arthroplasty. AAOS/AANA 2016 Tecnicas Avanzadas en Cirugia de Hombro. Orthopedic Learning Center. Rossemont, IL. September 17<sup>th</sup> and 18<sup>th</sup>, 2016.

Sanchez-Sotelo J. Proximal humerus fractures. Grand Rounds Presentation. Massachusetts General Hospital. Harvard University. Sept 22<sup>nd</sup>, 2016.

Sanchez-Sotelo J. Subscapularis tears. Sports Medicine Service at MGH \_ Harvard University. Sept 22<sup>nd</sup>, 2016.

Sanchez-Sotelo J. Distal humerus nonunion. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Terrible triad gone terrible. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Evaluation of the painful elbow. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Arthroscopic contracture release. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Elbow arthroplasty for fractures and nonunions. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Arthrodesis as a salvage procedure. AAOS/BOTA Course on Elbow Surgery. Sofia, Bulgaria. September 29, 2016.

Sanchez-Sotelo J. Shoulder arthroplasty: An update. BOAT Annual Meeting, 13<sup>th</sup> Edition. Sofia, Bulgaria. September 30, 2016.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures: video on surgical technique. ASES 2016. Open Symposium on Shoulder and Elbow Trauma and Instability. Boston MA, October 6, 2016.

Sanchez-Sotelo J. The exposure in shoulder arthroplasty: show me your glenoid. Madrid Shoulder Course. Madrid, Spain, October 20 – 22, 2016.

Sanchez-Sotelo J. Tips and tricks to improve outcome in anatomic total shoulder arthroplasty. Madrid Shoulder Course. Madrid, Spain, October 20 – 22, 2016.

Sanchez-Sotelo J. Perfect implantation of an anatomic glenoid component. Madrid Shoulder Course. Madrid, Spain, October 20 – 22, 2016.

Sanchez-Sotelo J. Management of humeral bone loss in reverse shoulder arthroplasty. Madrid Shoulder Course. Madrid, Spain, October 20 – 22, 2016.

Sanchez-Sotelo J. Adhesive capsulitis: an update. Madrid Shoulder Course. Madrid, Spain, October 20 – 22, 2016.

Sanchez-Sotelo J. Irreparable rotator cuff tears: evaluation and management. Congreso Anual de la SOMACOT. Hospital La Princesa. Madrid, Spain. October 28<sup>th</sup>, 2016.

Sanchez-Sotelo J. Role of tendon transfers for rotator cuff deficiency. AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty: State of the Art. OLC, Rosemont IL. November 4-5, 2016.

Sanchez-Sotelo J. Case debates: shoulder arthroplasty in the ultrayoung and elderly patients. AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty: State of the Art. OLC, Rosemont IL. November 4-5, 2016.

Sanchez-Sotelo J. Live demonstration: reverse total shoulder arthroplasty. AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty: State of the Art. OLC, Rosemont IL. November 4-5, 2016.

Sanchez-Sotelo J. Radial head replacement: indications and outcomes. Curso patologia quirurgica codo y mano. November 17 and 18, 2016.

Sanchez-Sotelo J. Revision radial head replacement. Curso patologia quirurgica codo y mano. November 17 and 18, 2016.

Sanchez-Sotelo J. Total elbow arthroplasty: indications and outcomes. Curso patologia quirurgica codo y mano. November 17 and 18, 2016.

Sanchez-Sotelo J. Revision total elbow arthroplasty. Curso patologia quirurgica codo y mano. November 17 and 18, 2016.

Sanchez-Sotelo J. Management of humeral bone loss in reverse total shoulder arthroplasty. Orthopaedic Summit 2016. Las Vegas, December 7 – 10, 2016.

Sanchez-Sotelo J. Reverse shoulder arthroplasty in the morbidly obese patient. Orthopaedic Summit 2016. Las Vegas, December 7 – 10, 2016.

Sanchez-Sotelo J. Chronic distal biceps tendon tears. 2017 Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies. Scottsdale AZ, January 2017.

Sanchez-Sotelo J. Reverse for four part fractures: key technical points. 2017 Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies. Scottsdale AZ, January 2017.

Sanchez-Sotelo J. Primary elbow arthroplasty in 2017: Problems and solutions. 2017 Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies. Scottsdale AZ, January 2017.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures: why, when and how? 10<sup>th</sup> Annual Meeting Ohio Shoulder and Elbow Society. Columbus OH. January 28<sup>th</sup>, 2017.

Sanchez-Sotelo J. Shoulder arthroplasty for primary glenohumeral osteoarthritis. 10<sup>th</sup> Annual Meeting Ohio Shoulder and Elbow Society. Columbus OH. January 28<sup>th</sup>, 2017.

Sanchez-Sotelo J. Glenoid bone loss in shoulder arthroplasty: etiology, evaluation and classification. ICL #108. 2017 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). San Diego CA.

Sanchez-Sotelo J. How to avoid complications in elbow trauma: a case-based interactive discussion. ICL #288. 2017 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). San Diego CA.

Sanchez-Sotelo J. All things clavicle: how did this happen? ICL #381. 2017 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). San Diego CA.

Sanchez-Sotelo J. Rescuing the elbow. Symposium Z. 2017 Annual Meeting American Academy of Orthopedic Surgeons (AAOS). San Diego CA.

Sanchez-Sotelo J. Management of glenoid bone loss in reverse shoulder arthroplasty using iliac crest bone graft. ASES 2017 Specialty Day. San Diego CA.

Sanchez-Sotelo J. Shoulder arthroplasty for primary glenohumeral osteoarthritis. Grand Rounds. Mount Sinai New York Department of Orthopedic Surgery. New York City. April 5, 2017.

Sanchez-Sotelo J. Rotator cuff physical examination pearls. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Musculotendinous infraspinatus rupture. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Reverse arthroplasty with lat dorsi and teres major transfer. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Diagnosing subscapularis tendon tears. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Physical examination of the scapula. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Saculothoracic arthrodesis. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Glenohumeral arthrodesis, Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Sanchez-Sotelo J. Elbow stiffness. 5 Congreso Conjunto AEA/SEROD. May 17-19, 2017. Presented as videoconference. Alicante, Spain.

Sanchez-Sotelo J. Video technique: step by step distal humerus fracture column fixation. IACES 2017, Madrid, Spain, May 26-27, 2017.

Sanchez-Sotelo J. Biology behind stiffness: something new? IACES 2017, Madrid, Spain, May 26-27, 2017.

Sanchez-Sotelo J. Persistent elbow instability after terrible triad: still difficult to treat. IACES 2017, Madrid, Spain, May 26-27, 2017.

Sanchez-Sotelo J. Outcome of TEA in inflammatory arthritis: is age a contraindication? IACES 2017, Madrid, Spain, May 26-27, 2017.

Sanchez-Sotelo J. Preventing and managing poly wear in total elbow arthroplasty. IACES 2017, Madrid, Spain, May 26-27, 2017.

Sanchez-Sotelo J. Taking reverse shoulder arthroplasty to the limit. 34<sup>th</sup> San Diego Shoulder Course. SDSI 2017. San Diego, CA, June 14<sup>th</sup>-17<sup>th</sup>, 2017.

Sanchez-Sotelo J. Life after fellowship: time management and starting a new practice. 34<sup>th</sup> San Diego Shoulder Course. SDSI 2017. San Diego, CA, June 14<sup>th</sup>-17<sup>th</sup>, 2017.

Sanchez-Sotelo J. Reverse shoulder arthroplasty. The Codman Society Annual Meeting. San Diego, CA, June 14<sup>th</sup>-17<sup>th</sup>, 2017.

Sanchez-Sotelo J. Results of the Codman Society infection survey. The Codman Society Annual Meeting. San Diego, CA, June 14<sup>th</sup>-17<sup>th</sup>, 2017.

Sanchez-Sotelo J. How do I do a reverse shoulder arthroplasty for patients with massive irreparable cuff tears. AAOS/ASES OLC Course on Management of Massive Rotator Cuff Tears: Repair to Replacement. Rosemont, IL, September 15-16, 2017.

Sanchez-Sotelo J. The terrible triad. In Symposium V: My Worst Complication – How I Was Supposed to Do It ...and Then What Went Wrong. 2017 Annual Meeting ASES. New Orleans, Thursday, October 12 – Saturday, October 14, 2017.

Sanchez-Sotelo J. Case presentation on management of bone loss in shoulder and elbow arthroplasty. 2017 Annual Meeting ASES. New Orleans, Thursday, October 12 – Saturday, October 14, 2017.

Sanchez-Sotelo J. Tendon transfers for irreparable rotator cuff tears. Second combined AAOS/FEMECOT meeting. San Luis Potosi, Mexico, October 25-17, 2017.

Sanchez-Sotelo J. Complex elbow instability. FEMECOT Annual Meeting Guest Speaker. San Luis Potosi, Mexico, October 25-17, 2017.

Sanchez-Sotelo J. Latarjet procedure for anterior shoulder instability: When and how. Second combined AAOS/FEMECOT meeting. San Luis Potosi, Mexico, October 25-17, 2017.

Sanchez-Sotelo J. Tips and tricks to improve outcome in anatomic total shoulder arthroplasty. Second combined AAOS/FEMECOT meeting. San Luis Potosi, Mexico, October 25-17, 2017.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for proximal humerus fractures: When and how. Second combined AAOS/FEMECOT meeting. San Luis Potosi, Mexico, October 25-17, 2017.

Sanchez-Sotelo J. Lower trapezius transfer. 2017 Milan Shoulder Course: The Neurologic Shoulder. Presented via Skype. November 3 2017.

Sanchez-Sotelo J. How I do a revision shoulder arthroplasty. 2017 6<sup>th</sup> ICJR Annual Shoulder Course. Las Vegas NV, November 2-4, 2017.

Sanchez-Sotelo J. Decision making in proximal humerus fracture. 2017 6<sup>th</sup> ICJR Annual Shoulder Course. Las Vegas NV, November 2-4, 2017.

Sanchez-Sotelo J. Salvaging chronic shoulder dislocations. 2017 6<sup>th</sup> ICJR Annual Shoulder Course. Las Vegas NV, November 2-4, 2017.

Sanchez-Sotelo J. P acnes and shoulder infections in 2017. 2017 6<sup>th</sup> ICJR Annual Shoulder Course. Las Vegas NV, November 2-4, 2017.

Sanchez-Sotelo J. How I do it: reduce and lock a proximal humerus fracture. 2017 6<sup>th</sup> ICJR Annual Shoulder Course. Las Vegas NV, November 2-4, 2017.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. The New England Orthopedic Society (NEOS) 2017 Fall Meeting. Massachusetts Medical Society, Boston. November 2017.

Sanchez-Sotelo J. Evaluation and management of irreparable posterolateral rotator cuff tears. The New England Orthopedic Society (NEOS) 2017 Fall Meeting. Massachusetts Medical Society, Boston. November 2017.

Sanchez-Sotelo J. Instability after anatomic total shoulder arthroplasty. The New England Orthopedic Society (NEOS) 2017 Fall Meeting. Massachusetts Medical Society, Boston. November 2017.

Sanchez-Sotelo J. Reverse for four-part fracture: key technical points. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2018. Scottsdale, AZ. January 27<sup>th</sup>-28<sup>th</sup>, 2018.

Sanchez-Sotelo J. Lateral elbow instability. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2018. Scottsdale, AZ. January 27<sup>th</sup>-28<sup>th</sup>, 2018.

Sanchez-Sotelo J. Primary elbow arthroplasty in 2018: problems and solutions. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2018. Scottsdale, AZ. January 27<sup>th</sup>-28<sup>th</sup>, 2018.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fracture. 2018 Current Solutions in Shoulder and Elbow Surgery. FORE. Tampa, FL. February 1-4, 2018.

Sanchez-Sotelo J. Latarjet for anterior shoulder instability: when and how. 2018 Current Solutions in Shoulder and Elbow Surgery. FORE. Tampa, FL. February 1-4, 2018.

Sanchez-Sotelo J. How to perform a reverse arthroplasty for fracture: a cadaver based demonstration. 2018 Current Solutions in Shoulder and Elbow Surgery. FORE. Tampa, FL. February 1-4, 2018.

Sanchez-Sotelo J. Management of humeral bone loss in reverse shoulder arthroplasty. The New England Shoulder and Elbow Society (NESES) 2018 Meeting. Jay Peak, Vermont. Feb 9 – 10, 2018.

Sanchez-Sotelo J. Distal humerus fractures: from internal fixation to arthroplasty. The New England Shoulder and Elbow Society (NESES) 2018 Meeting. Jay Peak, Vermont. Feb 9 – 10, 2018.

Sanchez-Sotelo J. How to avoid complications in elbow trauma: a case-based interactive discussion. 2018 AAOS Annual Meeting, New Orleans (ICL).

Sanchez-Sotelo J. I think I just fractured the humerus during reaming... Fluoro please! 2018 AAOS Annual Meeting, New Orleans (Symposium).

Sanchez-Sotelo J. The failed reverse shoulder arthroplasty: step-by-step approach to revision. How the experts think. 2018 AAOS Annual Meeting, New Orleans (ICL)

Sanchez-Sotelo J. All things clavicle: how did this happen? 2018 AAOS Annual Meeting, New Orleans (ICL).

Sanchez-Sotelo J. Rescuing the elbow. 2018 AAOS Annual Meeting, New Orleans (ICL).

Sanchez-Sotelo J. Loose humeral component after elbow arthroplasty with bone loss. 2018 AAOS Annual Meeting, New Orleans (Symposium).

Sanchez-Sotelo J. Arthrodesis in young patients with shoulder arthritis. 2018 AAOS Annual Meeting, New Orleans (ICL).

Sanchez-Sotelo J. Reverse shoulder arthroplasty for fracture: tips and tricks to improve outcome. 2018 Mayo Clinic Regional Orthopedic Update Symposium. Rochester MN. April 27<sup>th</sup>, 2018.

Sanchez-Sotelo J. Reverse arthroplasty for fracture: tips and tricks to improve outcome. AAOS Webinar (moderator Dr. G. Athwal). May 16<sup>th</sup> 2018.

Sanchez-Sotelo J. Optimizing fracture stability in open reduction and internal fixation for proximal humerus fractures. JBJS-JSES Webinar (moderators Drs. Bill Mallon and Andy Green). May 24<sup>th</sup> 2018.

Sanchez-Sotelo J. Scapulothoracic arthrodesis. 2018 Nice Shoulder Course. Nice, France. June 2018.

Sanchez-Sotelo J. Subscapularis management in anatomic shoulder arthroplasty: the evidence. San Diego Shoulder Institute 2018 Shoulder Course. San Diego, CA, USA, June 2018.

Sanchez-Sotelo J. Baseplate failure in reverse shoulder arthroplasty with severe bone loss: now what? San Diego Shoulder Institute 2018 Shoulder Course. San Diego, CA, USA, June 2018.

Sanchez-Sotelo J. Life after fellowship: starting practice and time management. 2018 ASES Fellows' Day. San Diego, CA, USA, June 2018.

Sanchez-Sotelo J. How to optimize reverse for fracture. Codman Shoulder Society Annual Meeting. San Diego, CA, USA, June 2018.

Sanchez-Sotelo J. How to optimize reverse for fracture. VuMedi Webinar "Reverse Shoulder Arthroplasty in 2018 – Key Surgical Techniques and Trends. September 2018.

Sanchez-Sotelo J. Is fracture sequelae an indication for anatomic? Symposium I. Is there still a place for anatomic shoulder arthroplasty in 2018? Chair: P. Collin. 28<sup>th</sup> SECEC Congress. Geneva, 2018.

Sanchez-Sotelo J. Standard stem onlay reverse shoulder replacement. ICL 7 From the Grammont prosthesis to the modern reverse total shoulder arthroplasty design: effects on

clinical and radiographic features. Chair: G. Merolla. 28<sup>th</sup> SECEC Congress. Geneva, 2018.

Sanchez-Sotelo J. The difficult shoulder arthroplasty: difficult glenoid exposure, tendon transfers in reverse shoulder arthroplasty, and revision of the failed TSA to RSA. 55th Annual Meeting “Sociedad Española de Cirugía Ortopédica y Traumatología SECOT.” Valladolid, Spain. September 26-28th, 2018.

Sanchez-Sotelo J. Humeral Bone Loss in Revision to RTSA: How I Assess and Options. ASES 2018 Open Symposium. Shoulder arthroplasty: past, present and future. Chicago 2018.

Sanchez-Sotelo J. 2018 Recommended Guidelines for Elbow PJI Prophylaxis and Treatment. 2018 ASES Annual Meeting, Chicago.

Sanchez-Sotelo J. How to Remove Well-Fixed Elbow Arthroplasty Components. 2018 ASES Annual Meeting, Chicago.

Sanchez-Sotelo J. Glenoid exposure and glenoid component implantation in anatomic total shoulder arthroplasty. Second Madrid Shoulder Course. Madrid, Spain. October 18<sup>th</sup> and 19<sup>th</sup>, 2018.

Sanchez-Sotelo J. Instability after anatomic total shoulder arthroplasty. Second Madrid Shoulder Course. Madrid, Spain. October 18<sup>th</sup> and 19<sup>th</sup>, 2018.

Sanchez-Sotelo J. Management of humeral bone loss in reverse shoulder arthroplasty. Second Madrid Shoulder Course. Madrid, Spain. October 18<sup>th</sup> and 19<sup>th</sup>, 2018.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for fracture: tips and tricks. Second Madrid Shoulder Course. Madrid, Spain. October 18<sup>th</sup> and 19<sup>th</sup>, 2018.

Sanchez-Sotelo J. Sternoclavicular joint injuries. Second Madrid Shoulder Course. Madrid, Spain. October 18<sup>th</sup> and 19<sup>th</sup>, 2018.

Sanchez-Sotelo J. The role of tendon transfers for the surgical management of massive irreparable cuff tears. AAOS/ASES Anatomic and reverse total shoulder arthroplasty: state of the art. OLC Education & Conference Center. Chicago, Rosemont, IL. Nov 2-3, 2018.

Sanchez-Sotelo J. Tuberosity fixation technique in reverse shoulder arthroplasty for fracture. AAOS/ASES Anatomic and reverse total shoulder arthroplasty: state of the art. OLC Education & Conference Center. Chicago, Rosemont, IL. Nov 2-3, 2018.

Sanchez-Sotelo J. Reverse arthroplasty for proximal humerus fractures. 2018 7th Annual Shoulder Course featuring Advanced Concepts in Sports Medicine. Las Vegas, NV, November 8-10, 2018

Sanchez-Sotelo J. Top three mistakes done during reverse shoulder arthroplasty and how to avoid them. 2018 7th Annual Shoulder Course featuring Advanced Concepts in Sports Medicine. Las Vegas, NV, November 8-10, 2018

Sanchez-Sotelo J. My top 5 tricks to expose the challenging glenoid. ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. RSA for proximal humerus fractures – Indications and tips for maximizing tuberosity fixation. ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. Panel on complications of reverse shoulder arthroplasty. ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. Video Presentation: How I use autograft (iliac crest, distal clavicle, coracoid) to reconstruct the glenoid bone. ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. Two-stage revision for infected arthroplasty is the treatment of choice. ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. How to deal with proximal humeral bone loss – Nothing, cement, allograft or metal? ASAP Advanced Shoulder Arthroplasty Meeting. Park City, UT. January 10-12, 2019.

Sanchez-Sotelo J. Debate: 70-year-old with Irreparable Rotator Cuff Tear - Reverse Shoulder Arthroplasty is Best. Orthopedics Today Hawaii 2019. Kona, January 2019.

Sanchez-Sotelo J. B2 Glenoids – Do They Need Special Treatment? Orthopedics Today Hawaii 2019. Kona, January 2019.

Sanchez-Sotelo J. Nonoperative treatment for tennis elbow. Orthopedics Today Hawaii 2019. Kona, January 2019.

Sanchez-Sotelo J. Proximal humerus fractures: what are the challenges in 2019? Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. What to do when reverse arthroplasty for fracture fails after primary fracture care. Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. ReLive Surgery: Stryker ReUnion Reverse for Cuff Tear Arthropathy Using Patient Specific Instrumentation. Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. How to expose the glenoid with severe posterior retroversion. Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. How to restore proximal humerus bone loss. Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for locked anterior and locked posterior dislocation. Paris International Shoulder Course 2019. Paris, France, February 14-17<sup>th</sup>, 2019.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. 2019 National Meeting, Sociedad Española de Cirugía de Hombro y Codo (SECHC 2019), Barcelona, Spain, March 6-8<sup>th</sup>, 2019.

Sanchez-Sotelo J. Shoulder arthroplasty: a case-based discussion. 2019 National Meeting, Sociedad Española de Cirugía de Hombro y Codo (SECHC 2019), Barcelona, Spain, March 6-8<sup>th</sup>, 2019.

Sanchez-Sotelo J. The failed reverse shoulder arthroplasty: step-by-step approach to revision; how the experts think: a case-based instructional course lecture. ICL. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Sanchez-Sotelo J. Rescuing the elbow. ICL. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Sanchez-Sotelo J. The science of stem length in shoulder arthroplasty. ICL. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Sanchez-Sotelo J. Three and four-part proximal humerus fractures: the gambler edition. When to fold'em: reverse for fracture. ICL. 2019 Annual AAOS Meeting. Las Vegas, NV. March 2019.

Sanchez-Sotelo J. Understanding proximal humerus fractures: when to operate. Curso Internacional de Cirugía de Hombro Clinica Las Condes. Santiago de Chile, April 2019.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for fracture. Curso Internacional de Cirugía de Hombro Clinica Las Condes. Santiago de Chile, April 2019.

Sanchez-Sotelo J. Locking plate fixation for proximal humerus fractures: will we ever get better? Curso Internacional de Cirugía de Hombro Clinica Las Condes. Santiago de Chile, April 2019.

Sanchez-Sotelo J. Periprosthetic humeral shaft fractures after shoulder arthroplasty. Curso Internacional de Cirugía de Hombro Clinica Las Condes. Santiago de Chile, April 2019.

Sanchez-Sotelo J. Management of glenoid bone loss in reverse shoulder arthroplasty with bone. AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Course. AAOS OLC. Chicago, May 3-4, 2019.

Sanchez-Sotelo J. Open Latarjet procedure. AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Course. AAOS OLC. Chicago, May 3-4, 2019.

Sanchez-Sotelo J. Management of the subscapularis in shoulder arthroplasty: tenotomy, peel and lesser tuberosity osteotomy. 36<sup>th</sup> Annual San Diego Course, June 19-22, 2019.

Sanchez-Sotelo J. Revision of the failed reverse: is it possible? What to expect. 36<sup>th</sup> Annual San Diego Course, June 19-22, 2019.

Sanchez-Sotelo J. Lets push it: return to sports and strenuous activity after RSA. ICL. 14 International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina, 2019.

Sanchez-Sotelo J. Current understanding of the etiology and possible prevention of elbow stiffness. ICL. 14 International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina, 2019.

Sanchez-Sotelo J. Periprosthetic fracture management after reverse shoulder arthroplasty: humerus and acromial spine. ICL. 14 International Congress of Shoulder and Elbow Surgery (ICSES2019 – IBSES). Buenos Aires, Argentina, 2019.

Sanchez-Sotelo J. Elbow trauma gone wrong: how to solve complications after elbow fractures. ICL #202, 2019 Annual Meeting. American Shoulder and Elbow Surgeons (ASES) New York, October 17 – 19, 2019.

Sanchez-Sotelo J. Understanding proximal humerus fractures. In Symposium IV moderated by Mark Mighell. 2019 Annual Meeting. American Shoulder and Elbow Surgeons (ASES) New York, October 17 – 19, 2019.

Sanchez-Sotelo J. Reverse shoulder arthroplasty and tendon transfers. Upper Limb Course. Madrid, November 20 – 22, 2019.

Sanchez-Sotelo J. Surgical management of the failed radial head replacement. Upper Limb Course. Madrid, November 20 – 22, 2019.

Sanchez-Sotelo J. Elbow arthroplasty: exposures and perfect implant positioning. Upper Limb Course. Madrid, November 20 – 22, 2019.

Sanchez-Sotelo J. Management of the infected total elbow arthroplasty. Upper Limb Course. Madrid, November 20 – 22, 2019.

Sanchez-Sotelo J. What is new with the Walch classification? B, C, and D. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Glenoid Exposure/Releases. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Reverse Arthroplasty with Glenoid Bone Grafting. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for acute proximal humerus fracture. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Lower Trap Transfer/Lat-Teres Transfer After RSA For Persistent Loss of ER Postoperative. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Humeral revision with a conical tapered stem. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, Utah, January 16-18<sup>th</sup> 2020.

Sanchez-Sotelo J. Humeral component revision in shoulder arthroplasty. II Rome Shoulder Course. Rome, Italy, February 21<sup>st</sup> 2020.

Sanchez-Sotelo J. Preoperative planning in revision shoulder arthroplasty. II Rome Shoulder Course. Rome, Italy, February 21<sup>st</sup> 2020.

Sanchez-Sotelo J. How to remove well fixed humeral components in revision shoulder arthroplasty. II Rome Shoulder Course. Rome, Italy, February 21<sup>st</sup> 2020.

Sanchez-Sotelo J. Surgical technique for allograft-prosthetic component reconstruction. II Rome Shoulder Course. Rome, Italy, February 21<sup>st</sup> 2020.

Sanchez-Sotelo J. Teaching and mentorship in shoulder and elbow surgery: what do our fellows think? Symposium IV: Surgical Education and Mentorship in 2020 – It's Not So Easy! Moderator: Joseph D. Zuckerman, MD Chat Master: Karen J. Boselli, MD Panel: April D. Armstrong, MD, FRCSC, Danny Goel, MD, MBA, MSc, FRCSC, Mark A. Frankle, MD, Guido Marra, MD, Joaquin Sanchez-Sotelo, MD, PhD. 2020 ASES Annual Meeting (Virtual).

Sanchez-Sotelo J. ICL #102: Innovative Strategies for Proximal Humeral Fractures and their Sequelae in 2020 Moderator: Joaquin Sanchez-Sotelo, MD, PhD Chat Master: Moby Parsons, MD Faculty: Lawrence V. Gulotta, MD, Jonas J.R. Rudzki, MD, MSc. 2020 ASES Annual Meeting (Virtual).

Sanchez-Sotelo J. Surgical management of proximal humerus fractures. Grand Rounds Visiting Professor, University of California San Francisco (virtual). February 17<sup>th</sup>, 2021.

Sanchez-Sotelo J. Moderator and Chat-Master. “Getting Better at Getting Better/Virtual Reality.” American Shoulder and Elbow Surgeons Virtual Specialty Day Meeting. Saturday February 27 2021.

Sanchez-Sotelo J. Mixed reality for surgical execution of a preoperative plan. 2021 Stryker-Wright Shoulder Fellows Course. March 4-6, 2021.

Sanchez-Sotelo J. Anatomic and reverse shoulder arthroplasty using the Perform system. 2021 Stryker-Wright Shoulder Fellows Course. March 4-6, 2021.

Sanchez-Sotelo J. Rotator cuff tears: from simple to complex. Mayo Clinic Department of Orthopedic Surgery Grand Rounds. March 22, 2021. Rochester MN.

Sanchez-Sotelo J. Demonstration anatomic total shoulder arthroplasty using a stemless Simplicity humeral component and a Perform+ glenoid component. 28<sup>th</sup> Tampa Shoulder Course. Tampa, FL. April 22<sup>nd</sup> – 24<sup>th</sup>, 2021.

Sanchez-Sotelo J. Humeral allograft prosthetic composites using a plate for complex primary and revision shoulder arthroplasty. 28<sup>th</sup> Tampa Shoulder Course. Tampa, FL. April 22<sup>nd</sup> – 24<sup>th</sup>, 2021.

Sanchez-Sotelo J. Management of humeral bone loss in revision shoulder arthroplasty: a case-based presentation. 28<sup>th</sup> Tampa Shoulder Course. Tampa, FL. April 22<sup>nd</sup> – 24<sup>th</sup>, 2021.

Sanchez-Sotelo J. The Scapula: Evaluation and Management. Grand Rounds Presentation. Department of Orthopedic Surgery at Lennox-Hill Hospital. Tuesday June 1<sup>st</sup>, 2021.

Sanchez-Sotelo J. Tendon transfers for the massive cuff tear: when and how to do them. AANA Advanced Shoulder Arthroscopy Course. Orthopedic Learning Center. August 21-22, 2021 (pre-recorded presentation).

Sanchez-Sotelo J. Surgical management of distal humerus fractures. Brown University Grand Rounds. September 22<sup>nd</sup> 2021 (virtual presentation).

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. ASES 2021 Instructional Course Lecture moderated by Dr. Morrey on Do’s and Don’ts in Elbow Arthroplasty: A Case-Based Discussion on How to Stay Out of Trouble and Achieve Good Outcomes.

Sanchez-Sotelo J. Options for management of humeral bone loss in revision shoulder arthroplasty. ASES 2021 Instructional Course Lecture moderated by Dr. Sperling on Tips and Tricks to Help You During Revision Shoulder Arthroplasty.

Sanchez-Sotelo J. Management of proximal humerus nonunion. ASES 2021 Instructional Course Lecture moderated by Dr. Tangtiphaiboontana on Proximal Humerus Fractures: Tips and Tricks on Fracture Fixation, Arthroplasty, and Management of Fracture Sequelae.

Sanchez-Sotelo J. Pannel expert. Symposium #5 – RSA Cases: Shock the Masters Case Presenters: Eric Ricchetti, MD and Surena Namdari MD, MSc. Expert Panel: Luc Favard, MD, Mark Frankle, MD, David M. Dines, MD, Joseph P. Iannotti, MD, PhD, Joaquin Sanchez-Sotelo, MD, Gregory P. Nicholson, MD, Mark Falworth, FRCS, Frank Gohlke, MD. ASES 2021. Tampa, Fl.

Sanchez-Sotelo J. Revision computer assisted planning for failed arthroplasty. ASES 2021 Industry Sponsored Workshop. ASES 2021 Annual meeting.

Sanchez-Sotelo J. Balloon implantation for irreparable cuff tear. ASES 2021 Industry Sponsored Workshop. ASES 2021 Annual meeting.

Sanchez-Sotelo J. Video presentation: How do I repair a subscapularis tenotomy. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Mixed reality: how I use it now and what does the future hold. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Reverse shoulder arthroplasty: glenoid golden rules, where should we land in 2021? Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Pannel discussion: Patient specific surgery – Svelte, obese, short, tall, WB shoulder. Pannel members: Abboud, Parsons, Boileau, Levine, Yoo. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Video presentation: Internal fixation of a periprosthetic fracture with a stable humeral component. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Relive surgery: revision shoulder arthroplasty using Perform glenoid and Revive humerus. Advanced Shoulder Arthroplasty (ASAP) Course. Snowbird, UT, 2022.

Sanchez-Sotelo J. Tendon transfers for the massive irreparable rotator cuff tear. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. Case presentation section on reconstructive shoulder and elbow options for the aging athlete. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. Reverse arthroplasty for the four-part fracture. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. Primary total elbow arthroplasty. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. Management of humeral bone deficiency in revision arthroplasty. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. Radial head fracture. Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies, Scottsdale, AZ, 2022.

Sanchez-Sotelo J. How to enjoy shoulder surgery and still have a life. Johns Hopkins University Department of Orthopedic Surgery Grand Rounds: The Endowed Edward G. McFarland Lecture. Baltimore, MD, Feb 24<sup>th</sup> 2022.

Sanchez-Sotelo J. El debate de la SECHC: debate final. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. Lower trapezius transfer for failed rotator cuff repairs in young patients. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. Reconstruction of failed triceps in elbow arthroplasty. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. Case-based presentation: my worst case in elbow arthroplasty. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. New horizons in shoulder surgery: preoperative planning, virtual reality and robotic surgery. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. Case-based presentation: shoulder arthroplasty. XVI Congreso SECHC, Malaga 2 – 4, 2022.

Sanchez-Sotelo J. Emory University Grand Rounds: Current concepts in total elbow arthroplasty. Atlanta GA. April 18<sup>th</sup> 2022.

Sanchez-Sotelo J. Proximal humerus fractures: mistakes to avoid! Shoulder 360 Course. Miami Beach, Miami Fl. April 28 – 30<sup>th</sup>, 2022.

Sanchez-Sotelo J. Re-live surgery: open reduction and internal fixation for proximal humerus fractures. Shoulder 360 Course. Miami Beach, Miami Fl. April 28 – 30<sup>th</sup>, 2022.

Sanchez-Sotelo J. Re-live surgery: internal fixation of a periprosthetic fracture around a well-fixed humeral component. Shoulder 360 Course. Miami Beach, Miami Fl. April 28 – 30<sup>th</sup>, 2022.

Sanchez-Sotelo J. What is a robot, and how to use it in shoulder arthroplasty. Shoulder 360 Course. Miami Beach, Miami Fl. April 28 – 30<sup>th</sup>, 2022.

Sanchez-Sotelo J. Telemedicine in Orthopedic Surgery: Lessons Learned. 2022 Mayo Clinic Health System Orthopedic Regional Symposium. Rochester MN, May 6, 2022.

Sanchez-Sotelo J. Surgical management of the functionally irreparable cuff tear. 2022 Grand Rounds Presentation to the University of Western Ontario, London, Ontario, Canada. May 25<sup>th</sup> 2022.

Sanchez-Sotelo J. Current concepts in reverse shoulder arthroplasty. Grand Rounds Presentation to the Philadelphia Hand to Shoulder Center, Jefferson Health. Philadelphia, PA. June 3<sup>rd</sup>, 2022.

Sanchez-Sotelo J. Surgical management of irreparable cuff tears: tendon transfers. 2022 Nice Shoulder Course. Nice, France, June, 9-11, 2022.

Sanchez-Sotelo J. Surgical management of irreparable cuff tears: subacromial balloon. 2022 Nice Shoulder Course. Nice, France, June, 9-11, 2022.

Sanchez-Sotelo J. Reconstruction of massive humeral bone loss with a reverse allograft prosthetic composite. 2022 Nice Shoulder Course. Nice, France, June, 9-11, 2022.

Sanchez-Sotelo J. What are the golden rules for implantation of the glenoid component in anatomic total shoulder arthroplasty? 2022 Nice Shoulder Course. Nice, France, June, 9-11, 2022.

Sanchez-Sotelo J. Mixed reality navigation for implantation of the glenoid component in shoulder arthroplasty. 2022 Nice Shoulder Course. Nice, France, June, 9-11, 2022.

Sanchez-Sotelo J. Re-Live surgery: revision of a failed anatomic total shoulder arthroplasty to a reverse shoulder arthroplasty. 2022 San Diego Shoulder Institute Course. San Diego, California, June 15 – 18<sup>th</sup>, 2022.

Sanchez-Sotelo J. Robotic shoulder surgery: is it the future to accurate glenoid implantation. 2022 Paris International Shoulder Course. Paris, France. July 7-9. 2022.

Sanchez-Sotelo J. How to manage humeral loosening in RSA: a panel case-based discussion with Drs. Boileau, Elhassan and Frankle. 2022 Paris International Shoulder Course. Paris, France. July 7-9. 2022.

Sanchez-Sotelo J. Reverse shoulder arthroplasty and tendon transfers tumor reconstruction. 2022 Paris International Shoulder Course. Paris, France. July 7-9, 2022.

Sanchez-Sotelo J. Complications after shoulder arthroplasty: a case-based discussion. OSES On-Line Shoulder and Elbow School. SECEC Junior Committee. 30<sup>th</sup> SECEC-ESSSE Congress. Dublin, Ireland. September 7-9, 2022.

Sanchez-Sotelo J. Surgical management of combined bone and soft-tissue loss in shoulder and elbow arthroplasty. SECEC-ESSSE Presidential Guest Speaker. 30<sup>th</sup> SECEC-ESSSE Congress. Dublin, Ireland. September 7-9, 2022.

Sanchez-Sotelo J. One-stage reimplantation for the infected shoulder arthroplasty. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Surgical management of subscapularis failure after anatomic total shoulder arthroplasty. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Anatomic total shoulder arthroplasty for post-traumatic osteoarthritis. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Reverse shoulder arthroplasty after a prior glenoid fracture. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Lateral clavicle fractures with CC disruption: surgical management. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. Annual Orthopaedic Summit (OSET) Boston 2022. September 21-24, 2022.

Sanchez-Sotelo J. Revision TEA with Segmental Bone Loss: APC vs Modular Segmental Replacements. 2022 ASES Annual Meeting. ICL#10: Revision elbow arthroplasty. Atlanta, Georgia, October 6-9, 2022.

Sanchez-Sotelo J. Video: SC Joint Reconstruction. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Radial Head Replacement. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Elbow Arthroplasty for Fracture. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Video Demonstration: Posterior Bone Block. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Video Technique: Open Capsular Shift with Achilles Augmentation for Ehlers Danlos. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Technique Review: Lower Trap Transfer. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. RSA: Medialized, Lateralized, Onlay, Inlay - Too Many Options, Can You Help Me Understand? Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Patient Matched Baseplates. Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. Mixed Reality Navigation & Robotics Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Sanchez-Sotelo J. New technologies in shoulder arthroplasty surgery. 2022 Congreso Somacot. October 20 and 21<sup>st</sup>, 2022. Madrid, Spain (virtual).

Sanchez-Sotelo J. Video presentation: tips and tricks in revision elbow arthroplasty. 2022 Symposium on Elbow Stiffness. Anne Vidal and Pierre Mansat. Marseille, October 21-22, 2022 (Virtual).

Sanchez-Sotelo J. Tendon transfers for irreparable posterosuperior cuff tears. AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty Concepts and Techniques from Basic to Advanced. OLC Education & Conference Center. Rosemont IL Nov 4-5, 2022.

Sanchez-Sotelo J. Live video demonstration: tendon transfers to restore external rotation in reverse shoulder arthroplasty: latissimus dorsi, teres major and lower trapezius. AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty Concepts and Techniques from Basic to Advanced. OLC Education & Conference Center. Rosemont IL Nov 4-5, 2022.

Sanchez-Sotelo J. Innovations in implant design: past mistakes, future directions and route map. Wrightington International Arthroplasty Meeting 2022. Manchester, England, GB. November 22-23, 2022. <https://www.clockworkmedical.com/wrightington/>

Sanchez-Sotelo J. The irreparable cuff tear: tendon transfers. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Case presentations on rotator cuff tear. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Primary total elbow arthroplasty. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Glenoid exposure for shoulder arthroplasty: essential steps. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Management of proximal humeral bone loss in revision shoulder arthroplasty. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Internal fixation for distal humerus fractures: tips and tricks. 2023 Mayo Clinic Comprehensive Course on Shoulder and Elbow Surgery. Scottsdale, AZ, US. February 2-4, 2023.

Sanchez-Sotelo J. Transfer of the lower trapezius for irreparable cuff tears. Shoulder Milan International Live Experience 2023. Feb 23-25, 2023.

Sanchez-Sotelo J. Pectoralis minor syndrome. In ICL 410 The Scapula: The Greater Masquerader of Shoulder Pathologies, moderated by JP Warner. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Sanchez-Sotelo J. Tendon transfers for serratus and trapezius palsy. In ICL 410 The Scapula: The Greater Masquerader of Shoulder Pathologies, moderated by JP Warner. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Sanchez-Sotelo J. Surgical management of irreparable cuff tears. In ICL 430 Current Concepts in the Management of Massive Rotator Cuff Tears (presented in Spanish), moderated by Joaquin Sanchez-Sotelo. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Sanchez-Sotelo J. InSpace: A Discussion of the Science, Clinical Experience, and Patient Selection. Ask an Expert Theater. 2023 Annual Meeting, AAOS. Las Vegas, NV.

Sanchez-Sotelo J. Subacromial balloon: quick and effective. Berlin International Shoulder Course, 2023. Berlin, Germany.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for proximal humerus fractures: what are the challenges today? Berlin International Shoulder Course, 2023. Berlin, Germany.

Sanchez-Sotelo J. Surgical management of combined bone and soft-tissue loss in shoulder and elbow arthroplasty. Grand Rounds: Shoulder and Elbow Visiting Professor at Campbell Clinic. April 20th, 2023.

Sanchez-Sotelo J. Revision Shoulder Arthroplasty. Mayo Clinic Fellows' Course. April 2023.

Sanchez-Sotelo J. Management of elbow fracture-dislocations. Mayo Clinic Fellows' Course. April 2023.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures: why, when and how. 96<sup>th</sup> Annual Meeting of the Japanese Orthopaedic Association. Yokohama – Tokyo – Japan. May 2023.

Sanchez-Sotelo J. Internal fixation for distal humerus fractures: why, when and how. 96<sup>th</sup> Annual Meeting of the Japanese Orthopaedic Association. Yokohama – Tokyo – Japan. May 2023.

Sanchez-Sotelo J. Case Presentation: Internal Fixation of a Distal Humerus Fracture. 2023 Mayo Clinic "Teach the Teachers" Elbow Course. Rochester MN. May 2023.

Sanchez-Sotelo J. Case Presentation: Radial head replacement in the setting of capitellar damage. 2023 Mayo Clinic "Teach the Teachers" Elbow Course. Rochester MN. May 2023.

Sanchez-Sotelo J. Case Presentation: Total Elbow Arthroplasty for Distal Humerus Fracture. 2023 Mayo Clinic "Teach the Teachers" Elbow Course. Rochester MN. May 2023.

Sanchez-Sotelo J. Physical examination of the elbow. International Advanced Course of Elbow Surgery (IACES 2023). Madrid, May 2023.

Sanchez-Sotelo J. Internal fixation of distal humerus fractures. International Advanced Course of Elbow Surgery (IACES 2023). Madrid, May 2023.

Sanchez-Sotelo J. Case Presentations on Complications of Elbow Trauma. International Advanced Course of Elbow Surgery (IACES 2023). Madrid, May 2023.

Sanchez-Sotelo J. How to perform an unlinked total elbow arthroplasty with a radial head replacement. International Advanced Course of Elbow Surgery (IACES 2023). Madrid, May 2023.

Sanchez-Sotelo J. Allograft prosthetic composites in elbow arthroplasty: the ulnar side. International Advanced Course of Elbow Surgery (IACES 2023). Madrid, May 2023.

Sanchez-Sotelo J. Cadaver Demo: Lower Trapezius Transfer. 2023 San Diego Shoulder Institute Course, 40<sup>th</sup> Anniversary. San Diego, CA, June 14-17, 2023.

Sanchez-Sotelo J. Short convertible stem is the happy medium. 2023 San Diego Shoulder Institute Course, 40<sup>th</sup> Anniversary. San Diego, CA, June 14-17, 2023.

Sanchez-Sotelo J. Case Presentation Based Discussion on Complications and Revision in Shoulder Arthroplasty. 2023 San Diego Shoulder Institute Course, 40<sup>th</sup> Anniversary. San Diego, CA, June 14-17, 2023.

Sanchez-Sotelo J. Case Presentation Based Discussion on After Rotator Cuff Repair. 2023 San Diego Shoulder Institute Course, 40<sup>th</sup> Anniversary. San Diego, CA, June 14-17, 2023.

Sanchez-Sotelo J. Life after fellowship. ASES 2023 Fellows' Day at SDSI. Friday June 16<sup>th</sup> 2023. San Diego, California.

Sanchez-Sotelo J. Surgical management of distal humerus fractures. 2023 Meeting, New Zealand Shoulder and Elbow Society. Fiji, July 2023.

Sanchez-Sotelo J. What the future holds for shoulder and elbow surgery. 2023 Meeting, New Zealand Shoulder and Elbow Society. Fiji, July 2023.

Sanchez-Sotelo J. Complications after reverse shoulder arthroplasty. 2023 Meeting, New Zealand Shoulder and Elbow Society. Fiji, July 2023.

Sanchez-Sotelo J. Definitions, classifications, controversies and confusion. American Shoulder and Elbow Surgeons ICSES 2023 Day Zero meeting. Rome, Italy, Sept 5<sup>th</sup> 2023

Sanchez-Sotelo J. Surgical management of irreparable cuff tears. Latin American Shoulder and Elbow Society Day Zero Meeting at ICSES 2023. Rome, Italy, Sept 5<sup>th</sup> 2023

Sanchez-Sotelo J. Surgical management of the sequelae of proximal humerus fractures. SECEC Day Zero Meeting at ICSES 2023. Rome, Italy, Sept 5<sup>th</sup> 2023

Sanchez-Sotelo J. Robot-Enabled Shoulder Arthroplasty. International Congress of Shoulder and Elbow Surgery (ICSES) 2023. Rome, Italy, Sept 6<sup>th</sup> to 8<sup>th</sup> 2023

Sanchez-Sotelo J. Two-incision technique for distal biceps tendon tears. International Congress of Shoulder and Elbow Surgery (ICSES) 2023. Rome, Italy, Sept 6<sup>th</sup> to 8<sup>th</sup> 2023

Sanchez-Sotelo J. Periprosthetic joint infection in elbow arthroplasty. International Congress of Shoulder and Elbow Surgery (ICSES) 2023. Rome, Italy, Sept 6<sup>th</sup> to 8<sup>th</sup> 2023

Sanchez-Sotelo J. Debate: Stemless vs. Stemmed TSA - For me the answer is a convertible stem. Pinnacle Shoulder Course, Bend Oregon 2023.

Sanchez-Sotelo J. Humeral Stem Extraction Made Easy. Pinnacle Shoulder Course, Bend Oregon 2023.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for fracture: case-based discussion. Pinnacle Shoulder Course, Bend Oregon 2023.

Sanchez-Sotelo J. Periprosthetic Fractures: Revise to long stem vs. ORIF. Pinnacle Shoulder Course, Bend Oregon 2023.

Sanchez-Sotelo J. “One shoulder and elbow world! The power of collegiality amongst surgeons, cultures and countries” Presidential Guest Speaker, Indian American Shoulder and Elbow Surgeons Annual Meeting 2023, Scottsdale – Arizona.

Sanchez-Sotelo J. Patient matched implants in primary reverse shoulder arthroplasty. Klifto et al: Instructional Course Lectures on “Innovation and Advancing Technologies in Shoulder Arthroplasty” – ASES Annual Meeting 2023, Scottsdale – Arizona.

Sanchez-Sotelo J. Mixed reality in shoulder arthroplasty: how I use it today and what the future holds. Klifto et al: Instructional Course Lectures on “Innovation and Advancing Technologies in Shoulder Arthroplasty” – ASES Annual Meeting 2023, Scottsdale – Arizona.

Sanchez-Sotelo J. Lateral collateral ligament insufficiency. Morrey et al: Instructional Course Lectures on “Stabilizing the unstable elbow: foundations for success” – ASES Annual Meeting 2023, Scottsdale – Arizona.

Sanchez-Sotelo J. Case-based symposium on revision shoulder arthroplasty. ASES Annual Meeting 2023, Scottsdale – Arizona.

Sanchez-Sotelo J. The perform humerus: design rationale. 2023 Stryker Tornier Masters Shoulder Symposium. October 19 – 21, 2023 – Nashville TN.

Sanchez-Sotelo J. Lessons learned in the first two years of use of Perform reverse shoulder arthroplasty. 2023 Stryker Tornier Masters Shoulder Symposium. October 19 – 21, 2023 – Nashville TN.

Sanchez-Sotelo J. One-stage vs two-stage revision for PJI. 2023 Stryker Tornier Masters Shoulder Symposium. October 19 – 21, 2023 – Nashville TN.

Sanchez-Sotelo J. Humeral bone loss: what are my options in 2023? 2023 Stryker Tornier Masters Shoulder Symposium. October 19 – 21, 2023 – Nashville TN.

Sanchez-Sotelo J. The revive stem: tips, pearls, and challenges. 2023 Stryker Tornier Masters Shoulder Symposium. October 19 – 21, 2023 – Nashville TN.

Sanchez-Sotelo J. QUASR Grand Rounds: Management of humeral bone loss in revision shoulder arthroplasty. October 26<sup>th</sup>, 2023 – Brisbane – Australia (remote presentation)

Sanchez-Sotelo J. Five critical points to perform a reverse shoulder arthroplasty. 2023 ASES Course for Residents and Fellows. AAOS OLC, Chicago, IL. November 18-19, 2023.

Sanchez-Sotelo J. Primary reverse shoulder arthroplasty: what is the ideal implant configuration in 2023? Barcelona International Arthro Shoulder Surgeries (BIASS 2023). Nov 29 – Dec 1, 2023. Barcelona, Spain.

Sanchez-Sotelo J. Surgical management of humeral bone loss in revision shoulder arthroplasty. Barcelona International Arthro Shoulder Surgeries (BIASS 2023). Nov 29 – Dec 1, 2023. Barcelona, Spain.

Sanchez-Sotelo J. Live surgery: Reverse shoulder arthroplasty for fracture. Barcelona International Arthro Shoulder Surgeries (BIASS 2023). Nov 29 – Dec 1, 2023. Barcelona, Spain.

Sanchez-Sotelo J. Live surgery: Reverse shoulder reimplantation. Barcelona International Arthro Shoulder Surgeries (BIASS 2023). Nov 29 – Dec 1, 2023. Barcelona, Spain.

Sanchez-Sotelo J. Glenoid Golden Rules: Does it Matter Where We Start or Where We Finish? Advanced Shoulder Arthroplasty (ASAP) Course. Utah, Jan 18-20, 2024.

Sanchez-Sotelo J. Re-Live Surgery: Stryker Perform Stemless Anatomic Total Shoulder Arthroplasty with MR Guidance. Advanced Shoulder Arthroplasty (ASAP) Course. Utah, Jan 18-20, 2024.

Sanchez-Sotelo J. Is There A Role For Navigation In Humeral Preparation? Advanced Shoulder Arthroplasty (ASAP) Course. Utah, Jan 18-20, 2024.

Sanchez-Sotelo J. Video: Revision Exposure. Advanced Shoulder Arthroplasty (ASAP) Course. Utah, Jan 18-20, 2024.

Sanchez-Sotelo J. Repair of the massive cuff tear. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. Tendon transfers for massive cuff tear. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. How I use technology for shoulder arthroplasty Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. Management of acromion and spine fractures. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. Revision TEA. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. Management of humeral bone loss in revision shoulder arthroplasty. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. ORIF vs TEA for distal humerus fractures. Mayo Clinic Comprehensive Shoulder and Elbow Course. Scottsdale, Arizona, Jan 25-27, 2024.

Sanchez-Sotelo J. How do I perform an allograft prosthetic composite. Tampa Shoulder Course 2024. Tampa, Florida, Feb 1-2, 2024.

Sanchez-Sotelo J. What are the main causes of anatomic TSA failure? Tampa Shoulder Course 2024. Tampa, Florida, Feb 1-2, 2024.

Sanchez-Sotelo J. What are the main causes of anatomic TSA failure? Tampa Shoulder Course 2024. Tampa, Florida, Feb 1-2, 2024.

Sanchez-Sotelo J. Mixed reality for shoulder arthroplasty. Tampa Shoulder Course 2024. Tampa, Florida, Feb 1-2, 2024.

Sanchez-Sotelo J. Augments and custom implants: Open the toolbox. In ICL Glenoid Insufficiency in Shoulder Arthroplasty. 2024 Annual Meeting of the American Academy of Orthopedic Surgeons (AAOS). San Francisco, CA, Feb 12-16, 2024.

Sanchez-Sotelo J. Introduction to Scapular Pathologies: From Dyskinesia to Nerve Palsies, how do we recognize the difference? In ICL The scapula: the great masquerader. 2024 Annual Meeting of the American Academy of Orthopedic Surgeons (AAOS). San Francisco, CA, Feb 12-16, 2024.

Sanchez-Sotelo J. Pectoralis minor syndrome. In ICL The scapula: the great masquerader. 2024 Annual Meeting of the American Academy of Orthopedic Surgeons (AAOS). San Francisco, CA, Feb 12-16, 2024.

Sanchez-Sotelo J. Augmented Baseplates and patient matched implants. In Symposium on The B2 Glenoid. 2024 Annual Meeting of the American Academy of Orthopedic Surgeons (AAOS). San Francisco, CA, Feb 12-16, 2024.

Sanchez-Sotelo J. Moderator ICL in Spanish on Shoulder Instability. 2024 Annual Meeting of the American Academy of Orthopedic Surgeons (AAOS). San Francisco, CA, Feb 12-16, 2024.

Sanchez-Sotelo J. Scapular dyskinesia roundtable. 2024 Annual Meeting Sociedad Española de Cirugía de Hombro y Codo (SECHC). Valencia, Spain, March 6-8, 2024.

Sanchez-Sotelo J. Internal fixation distal humerus fractures. 2024 Annual Meeting Sociedad Española de Cirugía de Hombro y Codo (SECHC). Valencia, Spain, March 6-8, 2024.

Sanchez-Sotelo J. Mixed reality in shoulder arthroplasty. 2024 Annual Meeting Sociedad Española de Cirugía de Hombro y Codo (SECHC). Valencia, Spain, March 6-8, 2024.

Sanchez-Sotelo J. A new classification for proximal humerus fractures? Paris International Shoulder Course. Paris, March 14-16, 2024.

Sanchez-Sotelo J. Revision from long stem to short stem possible? Paris International Shoulder Course. Paris, March 14-16, 2024.

Sanchez-Sotelo J. Periprosthetic humeral fractures. Paris International Shoulder Course. Paris, March 14-16, 2024.

Sanchez-Sotelo J. Primary shoulder arthroplasty. 2024 Mayo Clinic Shoulder and Elbow Fellows' Course. Course Director: Jon Barlow MD. Rochester MN, April 4-6, 2024.

Sanchez-Sotelo J. Surgical management of distal humerus fractures. 2024 Mayo Clinic Shoulder and Elbow Fellows' Course. Course Director: Jon Barlow MD. Rochester MN, April 4-6, 2024.

Sanchez-Sotelo J. Allograft-prosthetic composites in revision elbow arthroplasty: lessons learned. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Total elbow arthroplasty for distal humerus fractures. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Management of the infected total elbow arthroplasty. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Surgical management of chronic distal biceps ruptures. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Artificial Intelligence in Orthopedics: What the Practicing Elbow Surgeon Needs to Know. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Physical examination of the elbow: a comprehensive video presentation., Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Complex fractures of the proximal ulna: a new classification with practical implications. Orthopedic Masterminds: Patagonia Elbow Meeting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Video presentation: unlinked short-stem total elbow arthroplasty through the diamond pop-up approach. Orthopedic Masterminds: Patagonia Elbow Meting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. My worst case: a total elbow arthroplasty nightmare. Orthopedic Masterminds: Patagonia Elbow Meting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Periprosthetic elbow fractures. Orthopedic Masterminds: Patagonia Elbow Meting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. Two-incision repair for distal biceps tendon ruptures. Orthopedic Masterminds: Patagonia Elbow Meting. Puerto Natales, Chile. April 10-13, 2024.

Sanchez-Sotelo J. How to prevent instability after total elbow arthroplasty using the diamond pop-up approach. Second International Mediterranean Symposium – Marseille, France, May 23-24, 2024. On-line presentation.

Sanchez-Sotelo J. Revision total elbow arthroplasty. Combined SECEC-EUSERR Webinar. My 29, 2024. On line presentation.

Sanchez-Sotelo J. Locking plate fixation for proximal humerus fractures continues to be associated with a high complication rate. Nice Shoulder Course 2024.

Sanchez-Sotelo J. Balloon implantation and lower trapezius transfer for the irreparable rotator cuff tear. Nice Shoulder Course 2024.

Sanchez-Sotelo J. The golden rules of glenoid anatomic implantation: did they change over time? What about autoplanning? Nice Shoulder Course 2024.

Sanchez-Sotelo J. Humeral reconstruction with metal or bone: what is the evidence? Nice Shoulder Course 2024.

Sanchez-Sotelo J. Robotic assistance in shoulder arthroplasty with use of “force-space” navigation: where are we today? Nice Shoulder Course 2024.

Sanchez-Sotelo J. Humeral reconstruction with metal or bone: what is the evidence? Nice Shoulder Course 2024.

Sanchez-Sotelo J. Humeral allograft-prosthetic composites in revision shoulder arthroplasty. AAOS Webinar, Director: Adam Seidl. June 11, 2024.

Sanchez-Sotelo J. Outcomes and risk factors for failure after debridement, antibiotics, and implant retention for elbow periprosthetic joint infection. JSES Session. 2024 Open SECEC Meeting. Munich, Germany, September 4-7, 2024.

Sanchez-Sotelo J. Proximal Humerus Fractures: Nail vs. Plate. Junior SECEC Session. 2024 Open SECEC Meeting. Munich, Germany, September 4-7, 2024.

Sanchez-Sotelo J. Moderator for Invited Session: The American perspective: shoulder arthroplasty in 2024: what is hot in north America? 2024 Open SECEC Meeting. Munich, Germany, September 4-7, 2024.

Sanchez-Sotelo J. Humeral sided revision strategies. 2024 Open SECEC Meeting. Munich, Germany, September 4-7, 2024.

Sanchez-Sotelo J. Biomechanics and principles of tendon transfers around the shoulder. At Joint session SECEC X EUSSER: Posterior-superior cuff tears - tendon transfers, rehab of the cuff deficient shoulder. 2024 Open SECEC Meeting. Munich, Germany, September 4-7, 2024.

Sanchez-Sotelo J. Elbow pain: most common conditions encountered in practice. 26<sup>th</sup> Annual Internal Medicine Review Course for Nurse Practitioners, Physician Assistants & Primary Care Physicians. September 9-11, 2024. Mayo Clinic, Rochester MN.

Sanchez-Sotelo J. Three digital enabling technologies that promise to improve the outcome of reverse shoulder arthroplasty. Emory Shoulder and Elbow Grand Rounds. Atlanta, GA, March 17<sup>th</sup> 2025.

Sanchez-Sotelo J. Revision shoulder arthroplasty: struggling with humeral stem removal: what next? Tampa Shoulder Course 2025. Feb 27<sup>th</sup> – March 1<sup>st</sup>, 2025.

Sanchez-Sotelo J. RSA in the setting of humeral bone loss: how to avoid complications. Tampa Shoulder Course 2025. Feb 27<sup>th</sup> – March 1<sup>st</sup>, 2025.

Sanchez-Sotelo J. Elbow fracture dislocations: tips and tricks for success, and how to avoid stiffness and instability. Tampa Shoulder Course 2025. Feb 27<sup>th</sup> – March 1<sup>st</sup>, 2025.  
Sanchez-Sotelo J. RSA for FIRCT. AAOS Annual Meeting 2025. San Diego, California. March 10 – 14<sup>th</sup>, 2025.

Sanchez-Sotelo J. Reverse shoulder arthroplasty for metastatic bone disease. AAOS Annual Meeting 2025. San Diego, California. March 10 – 14<sup>th</sup>, 2025.

Sanchez-Sotelo J. Moderator for ICL in Spanish on shoulder instability. AAOS Annual Meeting 2025. San Diego, California. March 10 – 14<sup>th</sup>, 2025.

Sanchez-Sotelo J. Augments and custom implants in primary reverse shoulder arthroplasty. AAOS Annual Meeting 2025. San Diego, California. March 10 – 14<sup>th</sup>, 2025.

Sanchez-Sotelo J. Revision reverse shoulder arthroplasty with APC: surgical video. Combined ASES/ANNA Specialty Day Meeting. San Diego, California.

Sanchez-Sotelo J. LTT for FIRCT: 5 steps to master this procedure. Shoulder 360. Miami, Florida, April 3-5, 2025.

Sanchez-Sotelo J. Surgical management of distal humerus fractures. South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. How to optimize primary total elbow arthroplasty in 2025. South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. Subscapularis tears: hidden and forgotten no more. South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. Robotic-assisted reverse shoulder arthroplasty: where are we today? South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. Patient matched implants in primary and revision shoulder arthroplasty. South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. Surgical management of humeral bone loss on revision shoulder arthroplasty. South African Shoulder and Elbow Society Meeting Guest Speaker. Cape Town, April 11 – 13 2025.

Sanchez-Sotelo J. Three digital enabling technologies that promise to improve the outcome of reverse shoulder arthroplasty. University of Maryland Grand Rounds, Baltimore, Maryland, April 17<sup>th</sup> 2025.

Sanchez-Sotelo J. Dealing with revisions in 2025. Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Shoulder instability after seizures in epileptics: bone reconstruction is mandatory. Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Balloon on top of rotator cuff repairs. Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Mixed reality versus robotic surgery: who will win the battle for shoulder arthroplasty? Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Periprosthetic fractures after reverse shoulder arthroplasty: classification, management and outcomes. Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Clavicle malunion and nonunion: the value of 3D printed technology to aid in reconstruction. Berlin International Shoulder Course. Berlin, Germany, April 24-26, 2025.

Sanchez-Sotelo J. Understanding Proximal Humerus Fractures. Second Combined ASES-Sociedad Argentina de Cirugia de Hombro y Codo. Bariloche, Patagonia, May 6-9, 2025.

Sanchez-Sotelo J. Salvage solutions for cuff tears: LTT and balloon. Second Combined ASES-Sociedad Argentina de Cirugia de Hombro y Codo. Bariloche, Patagonia, May 6-9, 2025.

Sanchez-Sotelo J. Contemporary total elbow arthroplasty. Second Combined ASES-Sociedad Argentina de Cirugia de Hombro y Codo. Bariloche, Patagonia, May 6-9, 2025.

Sanchez-Sotelo J. The dislocated arthroplasty. Second Combined ASES-Sociedad Argentina de Cirugia de Hombro y Codo. Bariloche, Patagonia, May 6-9, 2025.

Sanchez-Sotelo J. RSA: 5 essential steps. Second Combined ASES-Sociedad Argentina de Cirugia de Hombro y Codo. Bariloche, Patagonia, May 6-9, 2025.

Sanchez-Sotelo J. Trials and tribulations of a shoulder and elbow surgeon over three decades. Hospital La Paz Grand Rounds. Madrid, Spain, May 20<sup>th</sup>, 2025.

Sanchez-Sotelo J. The diamond pop-up exposure for total elbow arthroplasty: does it work? International Advanced Course on Elbow Surgery (IACES) 2025. Madrid, Spain, May 22-24, 2025.

Sanchez-Sotelo J. How to perform an APC in revision total elbow arthroplasty. International Advanced Course on Elbow Surgery (IACES) 2025. Madrid, Spain, May 22-24, 2025.

Sanchez-Sotelo J. Live Demonstration: Latitude Unlinked TEA with a radial head implant through the diamond pop-up exposure. International Advanced Course on Elbow Surgery (IACES) 2025. Madrid, Spain, May 22-24, 2025.

Sanchez-Sotelo J. When and why do I perform an allograft prosthetic composite in revision shoulder arthroplasty. ASES Revision Arthroplasty Course, FIVE Labs, Atlanta, GA, May 30<sup>th</sup> and 31<sup>st</sup>, 2025

Sanchez-Sotelo J. Video Presentation: How do I perform an allograft prosthetic composite reverse shoulder arthroplasty. ASES Revision Arthroplasty Course, FIVE Labs, Atlanta, GA, May 30<sup>th</sup> and 31<sup>st</sup>, 2025

Sanchez-Sotelo J. 45<sup>th</sup> SICOT Meeting Keynote Lecture: “The Art and Science of Reverse Shoulder Arthroplasty” Madrid September 2-5<sup>th</sup>, 2025.

Sanchez-Sotelo J: Can active external rotation be restored in patients with CLEER using a lateralized reverse and not tendon transfers? 45<sup>th</sup> SICOT Meeting. Madrid September 2-5<sup>th</sup>, 2025.

Sanchez-Sotelo J. Tendon transfers for FIRCT. Residents challenging their Mentors (Shoulder). 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Sanchez-Sotelo J. Partial tears of the subscapularis tendon, rationale and decision making. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Sanchez-Sotelo J. Hot topics in shoulder surgery – from cuff repair to arthroplasty. Moderator and speaker. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Sanchez-Sotelo J. OSES live: Shoulder and Elbow Periprosthetic Fractures. 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Sanchez-Sotelo J. Rotator Cuff Tears: What is Hot and Controversial in North America? (Moderator & Speaker). 2025 SECEC Annual Meeting. Rotterdam, NL. September 17-19, 2025.

Sanchez-Sotelo J. Precision Solutions in RSA Mako Shoulder and Shoulder iD. Stryker Workshop (Speaker) | Wednesday, Jan 21 | 6:30 PM - 9:00 PM. Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Sanchez-Sotelo J. Avoiding instability with primary RSA: This is how we do it. Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Sanchez-Sotelo J. Improving RSA stability - cerclage, tendon transfer, half pack of cigarettes and a full tank of gas, it's dark and we're wearing sunglasses... Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Sanchez-Sotelo J. Periprosthetic humeral fractures - how do we classify them and how do we fix them? Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Sanchez-Sotelo J. Panel: Glenoid and Humeral Deformity Cases. Role: Moderator  
Panelists: Atwan, Dines, Getz, Itamura, Bishop. Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Sanchez-Sotelo J. Panelist in Panel 3: Ugh, another infection.... Moderator: Levy. Advanced Shoulder Arthroplasty (ASAP) 2026 Course, Snowbird UT January 22 – 24, 2026.

Based on the provided program for the PISC 2026, here are the activities assigned to Joaquin Sanchez-Sotelo:

Sanchez-Sotelo, Joaquin: Speaker presenting "ORIF and plating" during the Pre-Congress Case Discussion on "Displaced 4 part fracture with posteromedial varus in a 50-year-old men" (Wednesday, Feb 4) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Moderator for D1/Session 3 Case Discussion on "Displaced surgical neck fracture in a 82-year-old lady with poor bone quality" (Thursday, Feb 5, 08:15-08:45) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Faculty for the Lunch Workshop "How to achieve the best results and avoid complications in primary reverse shoulder arthroplasty in 2026" in Studio DE (Thursday, Feb 5, 12:00-13:30) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Speaker presenting "RSA with APC/SRS" during D1/Session 15 Case Discussion on "Nonunion of the surgical neck in a 70-year-old gentleman" (Thursday, Feb 5, 17:00-17:30) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Moderator for Live Surgery session (D2/Session 7) featuring "RSA with metal augmentation" (Friday, Feb 6, 11:45-12:30) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Faculty for the Lunch Workshop "Mastering the Arthroscopic Shoulder: From Instability to Cuff" in Studio DE (Friday, Feb 6, 12:30-14:00) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Speaker presenting "RSA" during D3/Session 1 Case Discussion on "Glenoid loosening of ATSA in a 83-year-old lady" (Saturday, Feb 7, 08:00-08:30) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Panelist for D3/Session 3 Panel Discussion on "Complex Revision Cases" (Saturday, Feb 7, 09:10-09:50) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo, Joaquin: Faculty for the Lunch Workshop "The great debate in shoulder: Controversial cases across the shoulder continuum of care" in Studio DE (Saturday, Feb 7, 12:20-13:50) at Paris International Shoulder Course (PISC) 2026, February 5-7th 2026.

Sanchez-Sotelo Joaquin, Surgical management of shoulder instability in epilepsy, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, Live Clinical Examination, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, Subscapularis tears: Missed and forgotten no more!, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, Lower trapezius transfer for irreparable rotator cuff tears, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, RSA and LD transfers, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, live surgery #4: robotic assisted RSA (Stryker), Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

Sanchez-Sotelo Joaquin, Keynote Lecture: Artificial intelligence, Computer vision, Robotics - Future applications, Shoulder Conclave 2026, February 27 & 28, 2026, JW Marriott, Pune, India.

**Sanchez-Sotelo J.** OrthoDome: Stryker - Approaches to Repair of Posterosuperior Rotator Cuff Tears. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

**Sanchez-Sotelo J.** Technical Skills: Reverse Arthroplasty for Proximal Humerus Fracture. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

**Sanchez-Sotelo J.** Instructional Course Lecture (ICL): Considerations in Scapular Pathologies (The Scapula: The Greater Masquerader of Shoulder Pathologies). AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

**Sanchez-Sotelo J.** Symposium: Reverse Shoulder Arthroplasty (Treatment of Rotator Cuff Tears: Around the World from Small to Irreparable). AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

**Sanchez-Sotelo J** (Moderator). Spanish Speaking Session: Current Concepts in the Surgical Management of Anterior Shoulder Instability. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

**Sanchez-Sotelo J;** William N. Levine, MD, FAAOS; Gerald Williams. ASES Specialty Society Program: Shouldering Excellence - A Fireside Chat with the Best of the Best. AAOS 2026 Annual Meeting, New Orleans, LA, March 2-6, 2026.

Sanchez-Sotelo J. Moderador: El debate de la SEHC - Inestabilidad de hombro, XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

Sanchez-Sotelo J. Ponente: Debate entre expertos: Fracturas de cabeza de radio ("No era solo una fractura de cabeza de radio. Y ahora, ¿qué puedo hacer?"). XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

Sanchez-Sotelo J. Ponente: Curso de Instrucción: Investigación, XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

Sanchez-Sotelo J. Ponente: Debate entre expertos: Cuando las cosas no van bien. Rescates de artroplastia de hombro ("Recambios con defectos humerales"), XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

Sanchez-Sotelo J. Ponente: Mesa Redonda sobre Robótica e Innovación IQ, XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

Sanchez-Sotelo J. Ponente: Mesa Redonda: Mi peor caso de Trauma de Hombro , XVIII Congreso SEHC, Santander, España, March 11, 12 and 13, 2026.

## **WEBINARS**

Sanchez-Sotelo J. Participant. Shoulder 3T Webinar on Proximal Humerus Fractures. March 2<sup>nd</sup> 2021. Moderated by Drs. Valenti and Werthel.

Sanchez-Sotelo J. Participant. International Guest – 4o CICOC – Shoulder and Elbow Surgery Course of the Universities from São Paulo. Reverse shoulder arthroplasty for fracture, including re-live video. April 14<sup>th</sup>, 2021.

## **ADDITIONAL TEACHING ACTIVITIES**

Course Co-Director. I Bioskills Iberoamericano Acumed. 30 y 31 de Enero 2014. Portland OR.

Course Co-Director. II Bioskills Iberoamericano Acumed. 18 y 19 de Febrero 2016.

Course director. Srtryker shoulder arthroplasty courses.

Course Co-Director: Mayo Elbow Course (multiple editions).

Course Director. First combined AAOS/BOTA course on Elbow Surgery. Sofia, Bulgaria, September 29, 2016.

AANA Master Instructor. September 17<sup>th</sup> and 18<sup>th</sup>, 2016.

Visiting Professor – The Ohio Shoulder and Elbow Society. 10<sup>th</sup> Annual Meeting. January 28, 2017. Columbus, OH.

Course Co-Director. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 27-29, 2017.

Course Co-Director. International Advanced Course on Elbow Surgery 2017 (IACES 2017). Madrid, Spain. May 24 -28<sup>th</sup>, 2017.

Participant. 7<sup>th</sup> Annecy Advanced Shoulder Course, Live Surgery. Annecy, France. June, 2017.

Course director. Second combined AAOS/FEMECOT meeting. San Luis Potosi, Mexico, October 25-17, 2017.

Visiting Professor – The New England Orthopedic Society (NEOS) 2017 Fall Meeting. Massachusetts Medical Society, Boston. November 2017.

Visiting Professor – The New England Shoulder and Elbow Society (NESES) 2018 Meeting. Jay Peak, Vermont. Feb 9 – 10, 2018.

Presidential Guest Speaker. 55th Annual Meeting “Sociedad Española de Cirugía Ortopédica y Traumatología SECOT.” Valladolid, Spain. September 26-28th, 2018.

Featured Author at Bone and Joint Journal (BJJ), November 2018.

Course Co-Director. Mayo Clinic Course on Shoulder Tendon Transfers and Complex Rotator Cuff Repair. Rochester MN April 2019.

Course Co-Director. International Advanced Course on Elbow Surgery 2019 (IACES 2017). Madrid, Spain. May, 2019.

Course Co-Director. AANA/ASES Técnicas Avanzadas de Cirugía de Hombro. Orthopedic Learning Center. Chicago IL. June 10-11, 2019.

Co-Chair, ASES Fellows Days. San Diego CA. June 2017, 2017, 2019, 2020 (multiple editions).

Course Co-Director. The 2919 New York Stryker Masters Course. December 2018, 2019 (both editions).

Scientific Committee Member. The Advanced Shoulder Arthroplasty Course. Utah. Years 2019 and 2020.

Scientific collaborator: HEALTH Investigators, Bhandari M, Einhorn TA, Guyatt G, Schemitsch EH, Zura RD, Sprague S, Frihagen F, Guerra-Farfán E, Kleinlugtenbelt YV, Poolman RW, Rangan A, Bzovsky S, Heels-Andsell D, Thabane L, Walter SD, Devereaux PJ. Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. *N Engl J Med.* 2019 Dec 5;381(23):2199-2208. doi: 10.1056/NEJMoa1906190. Epub 2019 Sep 26. PMID: 31557429

Course Co-Director: APEX Arthroscopic and Open Shoulder Course: When and How to Treat Shoulder Pathology. Combined AANA/ASES Course. August 2020.

[https://www.aana.org/aanaimis/Shared\\_Content/Events/Event\\_Display.aspx?EventKey=2020\\_1006&WebsiteKey=10f6eed0-bcab-4019-8f57-18dad8aaf2d7](https://www.aana.org/aanaimis/Shared_Content/Events/Event_Display.aspx?EventKey=2020_1006&WebsiteKey=10f6eed0-bcab-4019-8f57-18dad8aaf2d7)

Program Co-Chair, 2022 ASES Annual Meeting. Atlanta, Georgia. October 6-9, 2022.

Course Co-Director: Critical Concepts in Shoulder and Elbow Surgery. Las Vegas, October 13-15<sup>th</sup>, 2022.

Member of the Scientific Committee: San Diego Shoulder Institute Course. San Diego California, June 2023 and June 2024.

Course Co-Director: 2023 ASES Course for Residents and Fellows. AAOS, OLC. Chicago, IL, USA. November 18 – 19, 2023.

### **OTHER EDUCATIONAL COURSES ATTENDED**

Lesiones traumáticas del miembro superior: hombro, codo y muñeca  
VI simposium internacional "La Fraternidad" 1990

Introducción a la gestión de recursos sanitarios  
Facultad de Medicina.  
Universidad Autónoma de Madrid  
Madrid, Spain 1990

Actualización de fracturas del niño  
Hospital Ramón y Cajal 1994

Patología laboral de la columna  
VIII simposium internacional "La Fraternidad" 1994

Curso Básico de Cirugía de Cadera  
Facultad de Medicina  
Fundación SECOT. Universidad Autónoma de Madrid  
Madrid, Spain 1994

XXXII Congreso  
S.E.C.O.T.  
Sevilla, Spain 1995

"Cirugía del Antepie"  
Jornada de Formación Continuada SOMACOT  
Madrid, Spain 1995

II Curso Básico de Patología de Rodilla  
Facultad de Medicina  
Universidad Autónoma de Madrid

Madrid, Spain 1995

Gonartrosis

IX Simposium Internacional "La Fraternidad" 1996

XXXIII Congreso Nacional

S.E.C.O.T.

Alicante, Spain 1996

II Congreso de la Sociedad Española de Cirugía del Hombro y del Codo

Madrid, Spain 1996

Basic Regional AO Course on Internal Fixation

Asociación para el estudio de la Osteosíntesis (AO / ASIF)

Madrid, Spain 1996

III Congreso

EFORT

Barcelona, Spain 1997

Jornadas Científicas

S.E.C.O.T.

Madrid, Spain 1997

IX Congreso de la Sociedad para el Estudio de las Enfermedades del Raquis

Barcelona, Spain 1997

The role of cement in fracture fixation. Principles and applications

Leipzig University

Germany 1997

Simposium Pie Neurológico Infantil

Hospital Infantil Universitario "Niño Jesús

Madrid, Spain 1997

XXXV Congreso Nacional

S.E.C.O.T.

Santander, Spain 1998

Internal Fixation

Advanced Regional AO Course

Madrid, Spain 1998

XVI Congreso de la Asociación Española de Artroscopia

Madrid, Spain 1998

Curso de Traumatología Médico-Legal y Forense  
Universidad Autónoma de Madrid  
Madrid, Spain 1998

65th Annual Meeting  
American Academy of Orthopedic Surgeons  
New Orleans, Louisiana 1998

I Curso de Patología del Raquis “Transtornos degenerativos del raquis cervical”  
Fundación Hospital Alcorcón  
Madrid, Spain 1999

Revision Hip Arthroplasty  
AAOS Orthopedic Learning Center  
Rosemont, Illinois 1999

66th Annual Meeting  
American Academy of Orthopedic Surgeons  
Anaheim, California 1999

Open Meeting  
American Association of Hip and Knee Surgeons (AAHKS)  
Dallas, Texas 2000

Open and arthroscopic shoulder surgery  
AAOS Orthopedic Learning Center  
Rosemont, Illinois 2000

San Diego Shoulder Course  
San Diego, California 2001

68th Annual Meeting  
American Academy of Orthopedic Surgeons  
San Francisco, California 2001

Smith and Nephew International Shoulder Course  
Cologne, Germany 2002

XX Congreso de la Asociación Española de Artroscopia  
Salamanca, Spain 2002

Teach the teachers. Elbow arthroscopy  
Mayo Elbow Course  
Rochester, Minnesota 2002

19th Open Meeting

American Shoulder and Elbow Society  
New Orleans, Louisiana 2003

70th Annual Meeting  
American Academy of Orthopedic Surgeons  
New Orleans, Louisiana 2003

DePuy Delta Shoulder Arthroplasty Course  
San Antonio, Texas 2004

Advanced Training Techniques for Medical Professionals. February 4 and 5, 2015.  
Stryker Corporation, Mahwah, NJ. USA.