

Curriculum Vitae
Fernando León Sanchez M.D.

Academic Address:

Tulane University School of Medicine
Department of Orthopaedic Surgery
1430 Tulane Avenue, # 8632
New Orleans, Louisiana 70112
Phone: 504-988-3515
Fax: 504-988-3517
Email: fsanchez@tulane.edu

Clinic Address:

Tulane Doctors Sports Medicine +
7030 Canal Blvd.
New Orleans, Louisiana 70124
Phone: 504-988-3515
Fax: 504-988-3517

Language Proficiency: English, Spanish

Undergraduate and Medical Education:

1/83 – 12/88 Instituto de Ciencias de la Salud (C.E.S.), (combined program)

Postgraduate Training and Fellowship Appointments:

8/98 – 7/99 Adult Reconstruction Fellowship,
Anderson Orthopaedic Research Institute
Alexandria, Virginia

8/97 – 7/98 Administrative Chief, Department of Orthopaedic Surgery,
University of Alabama at Birmingham,

6/93 – 6/98 Orthopaedic Surgery Residency
University of Alabama at Birmingham

6/92 – 6/93 General Surgery Internship
University of Alabama at Birmingham

2/90 – 5/92 Orthopaedic Research
University of Alabama at Birmingham

1/89 – 12/89 Rotational Internship
General Hospital of Medellin, Colombia

Faculty Appointments:

- 2020 – Vice-Chair, Department of Orthopaedic Surgery, Tulane University School of Medicine
- 2018 -- 2020 Bette and Jack Wickstrom, M.D. Professorship in Orthopaedics (Endowed)
- 2016 – 2020 Associate Professor of Orthopaedics, Department of Orthopaedic Surgery, Tulane University School of Medicine
- 2009 – 2016 Assistant Professor of Orthopaedics, Department of Orthopaedic Surgery, Tulane University School of Medicine
- 2000 – 2009 Clinical Assistant Professor, Department of Orthopaedic Surgery, Tulane University School of Medicine

Medical School and Administrative Appointments:

- 2019-Present Chairman Tulane Health System (THS) Bylaws Committee
- 2019-Present Chairman Bylaw Committee, Tulane Medical Center
- 2017-Present Director Joint Reconstruction, Tulane University Medical Center
- 2015-2018 President, Board of Managers, Tulane Medical Center
- 2014-2018 Payor, Committee Chairman, Tulane Medical Center
- 2013-2020 Chief, Joint Arthroplasty and Adult Reconstruction, Tulane Medical Center
- 2011-2017 Finance Committee, Member at Large, Tulane Medical Center
- 2000-2008 Joint Replacement Coordinator, Tulane University/West Jefferson Medical Joint Replacement Coordinator, Tulane University/Veterans Administration

Specialty Certifications:

- Board Certified, American Board of Orthopaedic Surgery 2001, 2012, 2021
- AO/ASIF Masters Certification, 2004
- AO/ASIF Advanced Certification, 1998
- Midas-Rex Certification, 1996
- AO/ASIF Basic Certification, 1994
- Microvascular Surgery Certification, UAB Medical Center, 1993

Licensure:

- | | |
|---------------------------|------------|
| Louisiana Medical License | 13157R |
| Florida Medical License | 104272 |
| Alabama Medical License | 20276 |
| Virginia Medical License | 0101057364 |

Major Clinical and Teaching Responsibilities:

2015 - Present Attending Surgeon, Orthopaedics, Omega Hospital
2013 -2015 Attending Surgeon, Orthopaedics, Saint Charles Surgical Center
2010 -Present Faculty Mentor, Orthopaedics, Tulane University School of Medicine
2010 -Present Morning Report: Tulane University Medical Center, (4 days/week)
2012 -Present Veterans Administration Medical Center, (1day/week)

2010-Present Attending Surgeon,
Orthopaedics, Tulane University Medical Center
Orthopaedics, University Medical Center
Orthopaedics, Lakeside Hospital
Orthopaedics, West Jefferson Medical Center

Awards, Honors, and Memberships in Honor Societies:

1985 – 1987 Special University Honors Award, Instituto de Ciencias de la Salud (C.E.S.)
Medellin, Colombia
1983 – 1984 Olympic Trials and Pan American Water Polo Team
1983 – 1984 Colombia National Water Polo Team
1978 International Federation of Swimming (FINA), ranked second in the World in 100
meters backstroke

Membership in Professional and Scientific Societies:

American Association of Hip and Knee Surgeons, Fellow
Member American Academy of Orthopaedic Surgeons, Fellow (FAAOS)
American Medical Association
National Medical Association
Louisiana Orthopaedic Association
Florida Medical Association
Engh Fellow Society
Greater New Orleans Orthopaedic Society
Louisiana State Medical Society
Miami Dade County Orthopaedic Society
Hispanic American Medical Association of Louisiana
Sociedad Colombiana de Cirugia Ortopedica y Traumatologica
Jefferson Parish Orthopaedic Society
Latinoamerican Orthopaedic Society

Board Memberships:

Tulane University Medical Group (TUMG), Board Member
American Academy of Orthopaedic Surgeons, Hip and Knee, Content Committee Member, January 2018 - present
Engel Fellows Society, President, 2017 – 2020
UAB Orthopaedic Alumni, President, 2017 – 2019
Hispanic American Medical Association of Louisiana, President, 2017– 2019
American Academy of Orthopaedic Surgeons, Instructional Course Lecture Committee Member, 2016 – present
Hispanic American Medical Association of Louisiana, Secretary, 2013– 2015
Gulf South Quality Network, Board of Managers, President, 2015 – 2018

Scientific Journal Ad-Hoc Reviewer:

Journal of Bone and Joint Surgery
Journal of Bone and Joint Surgery (British)
Journal of Arthroplasty
Arthroplasty Today
Current Orthopaedic Research Related (CORR)

Editorial Positions:

Journal of Arthroplasty, Orthopaedics, 2012
Journal of Arthroplasty, Orthopaedics, 2014
Journal of Arthroplasty, Orthopaedics, 2015

Projects Reviewer:

Critical Evaluator, 2019, 2020 American Academy of Orthopaedic Surgery (AAOS)
Specialty Committee, 2019, 2020 Instructional Courses for Adult Reconstruction, American Academy of Orthopaedic Surgery (AAOS)
Reviewer, 2018, Video Theater-Adult Reconstruction, American Academy of Orthopaedic Surgery (AAOS)
Abstract Reviewer, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2017,2019 Journal of Arthroplasty
Poster Reviewer, 2012, 2013, 2014, 2015, 2016,2017 Louisiana Orthopaedic Association
Poster Reviewer, 2010, 2014, 2015 American Academy of Orthopaedic Surgery
Poster Reviewer, 2002, 2003, 2004, 2012, 2014 ,2017 American Academy of Hip and Knee (AAHKS)
Reviewer, 2014-present, American Joint Replacement Registry

Reviewer, 2014, Chapter of American Medical Association, International Medical Graduates

Active Research Funding:

2020-Present Department of Medicine-Center for Biomedical Informatics and Genomics, Trans-omics Integration of Multi-Omics Studies for Male Osteoporosis, (Co-Investigator)

2019-Present Medacta, \$120,000, Clinical Outcomes of the GMK Revision Knee Arthroplasty

2019 Donjoy, \$250,000, X-4 for Smart Brace Study, 2019

2017-Present Medacta, \$240,000, Clinical Outcome of the Medial Pivot Knee (Sphere) (Principal Investigator)

2013 DePuy, \$80,000, Prospective, Single Arm Multi-Configuration Investigation to Assess the Functional Performance of Attune, Primary Total Knee Arthroplasty System, (Principal Investigator)

2013 DePuy, \$25,000, Multi-center, Non-comparative Study of the Primary Total Knee Arthroplasty Functional Performance (Principal Investigator)

Past Research Funding:

2003 – 2013 DePuy, Prospective, Comparative, Randomized Study of GVF vs Cross linked Polyethylene using the PFC Sigma CoCr Tibial Tray in Cemented Total Knee Arthroplasty, National Multi-Centric Study (Principal Investigator)

2003 – 2013 DePuy, \$140,000, Pinnacle Acetabular Cup Hip Study, National Multi-Centric Study (Principal Investigator)

2000 – 2005 DePuy, Pinnacle Hip Study, (Co-Investigator)

2000 – 2003 Medacta, Banister Hip Study, (Co-Investigator)

1999 – 2000 DePuy, Coordinate Revision Total Knee Arthroplasty Study, (Co- Investigator)

1999 DePuy, \$180,000, Coordinate Revision Knee System Clinical Studies (Principal Investigator)

Research Projects:

Sequencing for Bone Cells in Osteoporosis, Single Cell Study, Tulane University (NIH Grant Application submitted 05/2020)

Dislocation rates in morbidly obese patients after TKA, 2020.

Fracture Healing in long bones after Bariatric Surgery, 2020.

Robotic Total Knee Arthroplasty AAHKS Members Survey, 2020.

Acetabular Fractures and Subsequent Conversion to THA, 2020.

Patella-Superior-Sleeve Fracture after TKA, Case Report, 2020.

Smart Brace with Motion Intelligence in TKA (X4), 2020.

Artificial Joint Lubrication Mechanism Study, Tulane University, 2019-2020.

Seasonal Effects on Incidence of Total Joint Infections, Tulane University, 2019.

Prospective, Randomize Double Blind Study in the Use of Stemmed v's Non-Stemmed Tibial Trays in Morbidly Obese Patients, Tulane University, 2018 – present

“Dual Diagnosis” as a Risk Factor for Complications in Total Joint Arthroplasty, Tulane University, 2018 – present

The Use of Negative Pressure Wound Dressings to Prevent Surgical Site Infection after Total Knee Arthroplasty, Tulane University 2016 – present

Bacterial Colony Count Changes Before and After Draping in Knee Arthroscopy, Tulane University, 2015.

Transcutaneous Oximetry Changes during Knee Flexion in Healthy Individuals, Tulane University, 2015.

Pull-out Strength of Antibiotic Loaded Cement in Tourniquet Less Total Knee Arthroplasty, Tulane University, 2015.

Transcutaneous Oximetry as Predictive Value for TKA Incision Complications, Tulane University, Abstract submitted and accepted to the Trans-Atlantic Orthopaedic Congress, 2014.

Pseudotumor after a Soft Bearing THA, Case Report, Tulane University, 2013.

Charcot Arthropathy Case Report: Description of a Patient with Alcoholic Cirrhosis and Hepatitis C Requiring Bilateral Hinged Total Knee Arthroplasties, Tulane University, 2013.

Impact of BMI on the Magnitude of Cement-Device Interfacial Stresses after Total Knee Arthroplasty, Tulane University, 2012-present

Economic Impact of Tranexamic in Joint Arthroplasty, Tulane University, 2014.

Intraoperative Modification of the Natural History of Heterotopic Ossification in Joint Arthroplasty, Tulane University, 2011 – 2012.

Shoulder Function and Motion Supraclavicular Island Flap for Head and Neck Tumors, Tulane University, 2011.

Pelvic Tilt with Different Anterior Acetabular Retractors using a Posterior Lateral Approach of the Hip, Tulane University, 2011.

Results of Late Flap Coverage after Open Type 3 Tib/Fib Fractures, Tulane University, 2011.

Tribology of Asymmetric Femoral Heads in a Hard on Soft Bearing Surface, Tulane University, 2011.

Use of Structural Bone Filler and Vibramycin to Control Osteoclast Induce Bone Destruction in Metastatic Bone Disease, Tulane University, 2010-2012.

Comparison of General versus Regional Anesthesia in the Incidence of Infection after Joint Replacement. Tulane University, 2010-2012.

Use of Structural Bone Filler and Vibramycin to Control Periprosthetic Osteolysis, Tulane University, 2010.

Physical and Functional Characterization of Macroporus Calcium Phosphate + Doxycycline Mixture for the Management of Osteolytic Bone Loss. Tulane University, 2010.

Pinnacle Acetabular Cup Hip Study, National Multi-Centric Study, 2003 – present

Management of Distal Femoral Osteolysis After Total Knee Arthroplasty, A. O. R. I., Gerard Engh, M.D., James McAuley, M.D., 1998-1999.

Knee Proprioception after Joint Arthroplasty, A. O. R. I., Gerard Engh, M.D., 1998-1999.

Fever as Indicator of Infection after Knee and Hip Replacements, UAB, John Cuckler, M.D., 1997-1998.

Elution of Antibiotics from Cement Beads, UAB, George Alonso, M.D., 1996-1997 Uncemented Hip Arthroplasty in Renal and/or Heart Transplant Patients, UAB, Kurt Niemann, M.D., 1991-1994.

Invited Lectures:

International

“Use of Pressure Wound Negative in Total Joint Arthroplasty,” Valencia, Spain, May 2019.

“Revision Total Knee Arthroplasty Pearls and Tricks,” Verona, Italy, April 2019.

“Cemented v’s Un-Cemented Stems in Revision Total Knee Arthroplasty,” Lugano Switzerland, April 2019.

“Options in Revision Total Knee Arthroplasty,” XI Encuentro Latino Americano, ELCCR, Cartagena, Colombia, August 2018.

“Proper Balancing in Total Knee Arthroplasty,” First MORE Symposium, Montreal, Canada, April 2018.

“Dual Diagnosis in Total Joint Arthroplasty,” 2nd World Arthroplasty Congress, Rome, Italy, April 2018.

“Options in Revision Total Knee Arthroplasty,” XI Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, August 2017.

“The Case for the Medial Constrained Total Knee Arthroplasty, The Current Controversies in Joint Replacement, Cancun, Mexico, February 2017.

“Complex Total Knee Arthroplasty,” X Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, Aug 2016.

“Management of Extensor Mechanism Disruption in Total Knee Arthroplasty,” XI Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, Aug 2015.

“Options in Revision Total Knee Arthroplasty,” XI Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, Aug 2015.

“Transcutaneous Oximetry as a Predictive Value for TKA Wound Complications,” Current Concepts in Total Joint Arthroplasty, Cancun, Mexico, January 30, 2015.

“Knee Moderator,” X Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, Aug 2014.

“Complex Total Knee Arthroplasty,” X Encuentro Latino-Americano, ELCCR, Cartagena, Colombia, Aug 2014.

“Complex Total Knee Arthroplasty,” Contemporary Treatments in Osteoarthritis, Cali, Colombia, Nov 2014.

“Revision Total Knee Arthroplasty,” Contemporary Treatments in Osteoarthritis, Cali, Colombia Nov 2013.

“Revision Total Hip Arthroplasty,” Contemporary Treatments in Osteoarthritis,” Cali, Colombia, Nov 2012.

Revision and Primary Total Knee Arthroplasty, “Pearls”, Udine, Italy, 2012 Revision and Primary Total Knee Arthroplasty, “Pearls”, Udine, Italy, 2011.

Blood Preservation Alternatives in Joint Arthroplasty,” International Blood Reservation Symposium, Mexico City, March 2009.

“Revision Del Tallo Femoral,” Congreso Ortopedico, Universidad Bolivariana, Medellin, Colombia, November 2004.

“Cementless Acetabular Revision” Puerto Rico Orthopaedic Society, San Juan, Puerto Rico, August 2004.

“Revision Total Knee Arthroplasty Experience Using TC3 Implants,” Peruvian Orthopaedic Society, Lima Peru, July 2003.

“Revision Hip Arthroplasty,” Colombian Orthopaedic Society, Medellin, Colombia, November 2002.

“Acetabular Reconstruction in Revision Hip Arthroplasty,” and “Hybrid Fixation of a Fixed Bearing Implant” Pan American Orthopaedic Meeting, San Jose, Costa Rica, June 2002.

“Revision Knee Arthroplasty,” Puerto Rico Orthopaedic Society, San Juan, Puerto Rico, June 2001.

National

Hip and Knee Faculty Cadaver Course, Proctor, Tampa, Florida 2020.

Hip and Knee Faculty Cadaver Course, Proctor, Atlanta, Georgia 2020.

Knee Faculty Cadaver Course, Sphere and Revision TKA, Las Vegas, Nevada 2019.

Knee Faculty Cadaver Course, Sphere Knee, TKA, Nashville, Tennessee, 2019.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Las Vegas, Nevada 2019.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Atlanta, Georgia 2018.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Las Vegas, Nevada 2018.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Carmel, Indiana 2018.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Atlanta, Georgia 2018.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Henderson, Nevada 2017.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, San Diego, California 2017

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Tampa, Florida 2017.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Denver Colorado 2017.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Chicago, Illinois 2017.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Henderson, Nevada 2016.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, San Diego, California 2016.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Carmel, Indiana 2016.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Denver, Colorado, 2015.

Knee Faculty Cadaver Course, Revision Total Knee Arthroplasty, Henderson, Nevada, 2015

Hip Cadaver Course, Memphis, Tennessee, 2015.

“Use of Stimulant in Periprosthetic Infections,” Houston, Texas, 2013.

“Revision Total Knee Arthroplasty,” International Orthopaedic Symposium, Instructional Course, Raynham, Massachusetts, 2013.

“Adjuvant Hemostatic Agents in Total Joint Arthroplasty,” Engh Fellows Meeting, Alexandria, Virginia, September 2012.

“Contemporary Techniques in Revision Total Knee Arthroplasty,” Maui, Hawaii, 2011.

“Adjuvant Hemostatic Agents in Total Joint Arthroplasty,” Engh Fellows Meeting, Alexandria, Virginia, September 2009.

Advances in Joint Arthroplasty Workshop, Faculty Member, Stryker, New York City, December 2008.

Revision Total Knee Arthroplasty Workshop, Faculty Member, Stryker, New York City, December 2008.

Local

“Total Knee Arthroplasty Balancing, Primary and Revision,” Tulane Grand Rounds, August 2020.

“Novel Use of a Trepine for Intramedullary Fixation during Revision Total Joint Arthroplasty,” LOA, March 2020.

“Dual Diagnosis in Total Joint Arthroplasty,” LOA, March 2020.

“Revision Total Knee Arthroplasty,” Tulane Grand Rounds, March 2020.

“The Infected Arthroplasty,” Tulane Ground Rounds, January 2020.

“Peri-Operative Fractures after Primary and Revision THA,” Tulane Ground Rounds, Dec 2019.

“Uni-compartmental Knee Arthroplasty Pro’s and Con’s,” Tulane Ground Rounds, Sep 2019.

“Instability after TKA’s and THA’s,” Tulane Ground Rounds, July 2019.

“Modes of Wear” Basic Sciences, Tulane Ground Rounds, May 2019.

“The Painful Arthroplasty,” Tulane Ground Rounds, April 2019.

“Vancomycin induced Thrombocytopenia in Joint Replacements,” Louisiana Orthopaedic Association, March 2019.

“Novel Use of LISS Plates in Peri- Prosthetic Fractures,” Louisiana Orthopaedic Association, March 2019.

“Sports Medicine Essentials,” American College of Sports Medicine, February 2019.

“Reconstruction-Non-Operative Management of Osteoarthritis,” Tulane Orthopaedics, Grand Rounds, January 2019.

“Reconstruction for a Total Hip Arthroplasty,” Tulane Orthopaedics, Grand Rounds, November 2018.

“Implant Choices and Soft Tissue Balancing,” Tulane Orthopaedics, Grand Rounds April 2018.

“Exposure in Revision Total Knee Arthroplasties,” Cadaver Lab, American Academy of Orthopaedic Surgeons, New Orleans, Louisiana March 2018.

“Pressure Negative Dressings in Total Joint Arthroplasties,” Louisiana Orthopaedic Association, New Orleans Louisiana, February 2018.

“Adult Reconstruction-Revision Total Hip Arthroplasty,” Tulane Orthopaedics Grand Rounds, December 2017.

“Revision Surgery for Osteolysis,” Tulane Orthopaedics Grand Rounds, October 2017.

“Partial Arthroplasties,” Tulane Orthopaedics Grand Rounds, April 2017.

“Surgical Management,” Tulane Orthopaedics Grand Rounds, April 2017.

“Hip Reconstruction,” Tulane Orthopaedics Grand Rounds, January 2017.

“Lipoma Arborescence of the Knee” LOA Meeting, March 2017.

“Incidence & Management of Complications, DVT Prophylaxis,” Tulane Orthopaedics Grand Rounds, November 2016.

“Revision Surgery for Osteolysis,” Tulane Orthopaedics Grand Rounds, August 2016.

“Incidence & Management of Complications, DVT Prophylaxis,” Tulane Orthopaedics Grand Rounds, June 2016.

“The Use of Negative-Pressure Wound Dressings to Prevent Surgical Site Infection After Total Knee Arthroplasty,” Louisiana Orthopaedic Association, March 2016.

“Revision Surgery for Osteolysis,” Tulane Orthopaedics Grand Rounds, March 22, 2016.

“Implant Choices & Soft Tissue Balancing in Total Knee Arthroplasty,” Tulane Orthopaedics Grand Rounds, February 02, 2016.

“Proximal Femur,” Tulane Orthopaedics Grand Rounds, December 08, 2015.

“Wear and Osteolysis,” Tulane Orthopaedics Grand Rounds, October 20, 2015.

“Instability-Ankylosis,” Tulane Orthopaedics Grand Rounds, September 01, 2015.

“Management of the Infected Hip,” Tulane Orthopaedics Grand Rounds, July 21, 2015.

“Posterior Total Hip Technique,” Tulane Orthopaedics Grand Rounds, July 07, 2015.

“Adult Recon- Patellofemoral Issues,” Tulane Orthopaedics Grand Rounds, April 24, 2015.

“Adult Recon,” Tulane Orthopaedics Grand Rounds, March 6, 2015.

“Pseudotumor Presenting as a Painless Mass in a Well-fixed, Metal-on-metal Highly Cross-linked Polyethylene Total Hip Arthroplasty with Minimal Wear and No Evidence of Trunnionosis: Case Report, Louisiana Orthopaedic Association Annual Meeting, February 27, 2015.

“Chronic Quadriceps Tendon Rupture Reconstructed with Patella Periosteal Flap and Augmented with Achilles Allograft: A Case Report, Louisiana Orthopaedic Association Annual Meeting, February 27, 2015.

“Use of Stimulant in Periprosthetic Infections,” Alexandria, Louisiana, 2014.

“Contemporary Treatments & Technologies for Arthritis Sufferers,” DePuy Synthes, Metairie, La, November 18, 2014.

“Adult Recon- THA Technique & Dislocations,” Tulane Orthopaedics Grand Rounds, August 15, 2014.

“Implant Near & Osteolysis,” Tulane Orthopaedics Grand Rounds, May 8, 2014.

“Pressure Negative Dressing in TKA,” Louisiana Orthopaedic Association Annual Meeting, February 15, 2014.

“Tranexamic Acid Use in Joint Arthroplasty,” Economical Impact, Louisiana Orthopaedic Association Annual Meeting, February 14, 2014.

“Osteotomies,” Tulane Orthopaedics Grand Rounds, January 16, 2014.

“Use of Stimulant in Periprosthetic Infections,” Baton Rouge, Louisiana, 2013.

“The Dislocated Hip,” Tulane Orthopaedics Grand Rounds, September 19, 2013.

“Adult Reconstruction-Revision Total Knee Arthroplasty,” Tulane Orthopaedics Grand Rounds, August 15, 2013.

“Revision Total Knee Arthroplasty,” Tulane Orthopaedics Grand Rounds, August 15, 2013.

“Management of the Infected Hip,” Tulane Orthopaedics Grand Rounds, June 20, 2013.

“Medical Management and Rehabilitation Techniques; PFJ Arthroplasty”, Tulane Orthopaedics Grand Rounds, May 2, 2013.

“Hip Resurfacing,” Tulane Orthopaedics Grand Rounds, March 7, 2013.

“The Dislocated Knee,” Tulane Orthopaedics Grand Rounds, March 7, 2013.

“Pelvic Tilt with Different anterior Acetabular Reenactors using Posterior Lateral Approach of the Hips”, Louisiana Orthopaedic Association Annual Meeting, March 2, 2013.

“Surgical Management (knee),” Tulane Orthopaedics Grand Rounds, January 17, 2013.

“Periprosthetic Fractures and Infection: Case Presentation,” Tulane Orthopaedics Grand Rounds, October 25, 2012.

“Incidence and Management of Complications, DVT prophylaxis,” Tulane Orthopaedics Grand Rounds, August 23, 2012.

“Implant Wear and Osteolyses: Revision surgery for Osteolysis,” Tulane Orthopaedics Grand Rounds, June 14, 2012.

“Balancing and Competitions: Implant Choices and Soft Tissue in TKA,” Tulane Orthopaedics Grand Rounds, April 26, 2012.

“X-rays and Resident Case presentations: Hip Dislocations and Femoral Head,” Tulane Orthopaedics Grand Rounds, November 10, 2011.

“Primary Total Knee Arthroplasty,” Tulane Orthopaedics Grand Rounds, March 17, 2011.

“Total Joint Arthroplasty,” Tulane Orthopaedics Grand Rounds, September 23, 2010.

“Physical Exams of the Hips,” Tulane Orthopaedics Grand Rounds, July 22, 2010.

Primary and Revision Joint Arthroplasty Workshops, Faculty Member, Dupuy (J & J) 2001, 2003, 2004, 2005, 2006, 2007, 2008, New Orleans and Baton Rouge.

Bibliography:

Original Manuscripts, Letters, and Commentaries

1. Patel, Akshar H., Ross, Bailey J., Ofa, Sione A., Flick, Travis R., **Sanchez, Fernando L.**, & Sherman, William F. The Impact of Femoral Nerve Anesthesia on Short-Term Clinical Outcomes and Opioid Claims After Total Knee Arthroplasty. *Arthroplasty Today*. 2020 November 21;6(4):1016-1021.e9. doi: 10.1016/j.artd.2020.10.001. PMID: 33385044; PMCID: PMC7772446.
2. Sherman, William F., Mansour, Ashton, **Sanchez, Fernando L.**, & Wu, Victor J. Increased Intercondylar Femoral Box Cut-to-Femur Size Ratio During Posterior-Stabilized Total Knee Arthroplasty Increases Risk for Intraoperative Fracture. *Arthroplasty Today*. 2020 May 11;6(2):180-185. doi: 10.1016/j.artd.2020.03.014. PMID: 32420437; PMCID: PMC7218157.
3. Wu, Victor J., Iloanya, Michael C., **Sanchez, Fernando L.**, Billings, Charles R., O'Brien, Michael J., Savoie, Felix H. 3rd, & Sherman, William F. Is Patient-reported Penicillin Allergy Independently Associated with Increased Risk of Prosthetic Joint Infection After Total Joint Arthroplasty of the Hip, Knee, and Shoulder? *Clinical Orthopaedics and Related Research*. 2020 December;478(12):2699-2709. doi: 10.1097/CORR.0000000000001497. PMID: 33027190.
4. Flick, Travis R., Ofa, Sione A., Patel, Akshar H., Ross, Bailey J., **Sanchez, Fernando L.**, & Sherman, William F. Complication rates of bilateral total hip versus unilateral total hip arthroplasty are similar. *Journal of Orthopaedics*. 2020 November 13;22:571-578. doi: 10.1016/j.jor.2020.11.010. PMID: 33299269; PMCID: PMC7688989.
5. Sherman, William F., Wu, Victor J., Ofa, Sione A., Ross, Bailey J., Savage-Elliott, Ian D., & **Sanchez, Fernando L.** Increased rate of complications in myasthenia gravis patients following hip and knee arthroplasty: a nationwide database study in the PearlDiver Database on 257,707 patients. *Acta Orthopaedica*. 2021 January 4;1-6. doi: 10.1080/17453674.2020.1865031. Epub ahead of print. PMID: 33390062.
6. Flick, Travis R., Wang, Cindy X., Patel, Akshar H., Hodo, Thomas W., Sherman, William F., & **Sanchez, Fernando L.** Arthrofibrosis after total knee arthroplasty: patients with

- keloids at risk. *Journal of Orthopaedics and Traumatology*. 2021 January 5;22(1):1. doi: 10.1186/s10195-020-00563-7. PMID: 33403515; PMCID: PMC7785621.
7. Savage-Elliott, Ian D., Wu, Victor J., & **Sanchez, Fernando L.** Drug-Induced Thrombocytopenia Secondary to Commonly Used Antibiotics in Total Joint Arthroplasty. *Arthroplasty Today*. 2020 April 22;6(2):137-140. doi: 10.1016/j.artd.2020.03.006. PMID: 32346584; PMCID: PMC7183004.
 8. Wu, Victor J., Ross, Bailey J., **Sanchez, Fernando L.**, Billings, Charles R., & Sherman, William F. Complications Following Total Hip Arthroplasty: A Nationwide Database Study Comparing Elective vs Hip Fracture Cases. *Journal of Arthroplasty*. 2020 August;35(8):2144-2148.e3. doi: 10.1016/j.arth.2020.03.006. Epub 2020 Mar 10. PMID: 32229152.
 9. Sherman, William F., Flick, Travis R., Dranoff, Charles S., Weintraub, Matthew J., Kale, Nisha N., Sommi, Corinne, & **Sanchez, Fernando L.** Variability of Cutting and Thermal Dynamics Between New and Used Acetabular Reamers During Total Hip Arthroplasty. *Arthroplasty Today*. 2021 February;7. 91-97. doi: 10.1016/j.artd.2020.12.002.
 10. Victor J. Wu MD, Bailey J. Ross, BA, **Fernando L. Sanchez, MD**, Charles R. Billings, MD, William F. Sherman, MD. Complications Following Total Hip Arthroplasty: A Nationwide Database Comparing Elective vs Hip Fracture Cases. *The Journal of Arthroplasty*. Accepted March 1st,2020. Article in Press. Available online.
 11. Elliot I, Wu VJ, **Sanchez FL**: Drug-Induced Thrombocytopenia Secondary to Commonly Used Antibiotics in Total Joint Arthroplasty, *Arthroplasty Today Journal (ARTD)*. Accepted April 4th, 2020. Article in press. Available online.
 12. Wu VJ, Sherman WF, **Sanchez FL**: Increased Intercondylar Femoral Box Cut to Femur Size Ratio During Posterior Stabilized Total Knee Arthroplasty Increases Risk for Intraoperative Fracture, *Arthroplasty Today Journal (ARTD)*. Accepted March 20th, 2020. Available online.
 13. McAuley JP, **Sanchez FL**. Knee: Role and results of allografts. *Orthop Clin North Am*, Apr 1999; 30(2):293-303.
 14. Alonso J, **Sanchez FL**. Lawn mower injuries in children: A preventable impairment. *Jrnl Ped Orthop*, Jan/Feb 1995;15(1):83-89.
 15. **Sanchez FL**. Level of cholinesterase's in fumigators and spouses who use organic phosphates for the control of soft bodied insects. *Acta Medica Colombiana*, Sept 1988.
 16. **Sanchez FL**. Evaluation of renal function in apparently normal patients. *Acta Medica Colombiana*, June 1988.

Book Chapters:

1. Patel A, **Sanchez, F**, “Increased Likelihood of Low Energy Knee Dislocation after Total Knee Arthroplasty in the Morbidly Obese Patient.” Accepted, under review, The Journal of Knee Surgery, 2021
2. Patel A, **Sanchez, F**, “Arthrofibrosis After Total Knee Arthroplasty: Patients with Dupuytren’s Contracture, Ledderhose Disease, and Peyronie,s Disease at Risk.” Accepted, under review, The Knee, 2021
3. **Sanchez FL**, Apple A, McCluskey L, Cole W: Ligament Balancing in Total Knee Arthroplasty, In Incavo SJ, ed: Surgical Insights: Total Knee Arthroplasty [online course]. Rosemont, IL American Academy of Orthopaedic Surgeons, 2019.
4. Engh A. Gerard, **Sanchez FL**. Revision Knee Arthroplasty: How I Do It. John Insall: The Knee Book, Chapter 93.
5. **Sanchez FL**, Engh GA. Revision Knee Arthroplasty: How I Do It. In Surgery of the Knee, 3rd edition, Churchill Livingstone, 1942-1948, 2001.

Abstracts:

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