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# Dr. Joseph Sclafani, MD, QME

Board Certified in Physical Medicine & Rehabilitation and Pain Medicine

Articulate, Board certified Physiatrist with more than 10 years of clinical expertise and 1 year of medical-legal expertise. Highly specialized in Interventional Pain Management.

## **EDUCATION**

- University of California, Los Angeles, CA (2006)
  Bachelor of Science in Molecular, Cell and Developmental Biology, Summa Cum Laude
- University of California, San Diego School of Medicine, San Diego, CA (2011)
  Doctor of Medicine, MD
- University of California, San Diego, San Diego, CA (2012)
  Internship, General Surgery
- Spine Institute of San Diego, San Diego, CA (2014)
  Fellowship, Clinical Spine
- Georgetown University/National Rehabilitation Network, Washington, D.C. (2017)
  Residency, Physical Medicine and Rehabilitation

## **PROFESSIONAL EXPERIENCE**

- Milestone Research Organization, Research Consultant (2012 to present)
- Minimally Invasive Spine Centers of Excellence Registry, Co-Founder, Board Member/Developer (2012 to present)
- Apex Pain & Wellness, Interventional Pain Management Physician (current)

#### LICENSURE AND CERTIFICATION

- California Board Certified Medical License
- Washington D.C. Medical Training License
- National Institutes of Health, Physical Medicine and Rehabilitation Research Track (2017)
- Stanford University, Interventional Pain Management Fellowship (2018)

#### PROFESSIONAL MEMBERSHIPS

- American Academy of Physical Medicine and Rehabilitation
- American Medical Association
- Association of Academic Physiatrists
- California Society of Interventional Pain Physicians: Educational Committee Member
- Georgetown/NRH Graduate Medical Education, Voting Member
- Georgetown/NRH Research Committee, Resident Representative
- International Society for the Advancement of Spine Surgery
- North American Spine Society
- NuTech ReNu Clinical Trial Data and Safety Monitoring Board Member: Plantar Fasciitis
- NuTech ReNu Clinical Trial Data and Safety Monitoring Board Member: Knee Osteoarthritis
- Society of Minimally Invasive Spine Surgery

# **HONORS AND AWARDS**

- Georgetown National Rehabilitation Hospital Top Resident in PM&R Award (2016-2017)
- UCSD Department of Orthopedics Summer Research Training Grant (2008)
- UCLA College of Letters and Science Latin Honors: Summa Cum Laude (2006)
- UCLA Dept. of Molecular, Cell and Developmental Biology: Highest Departmental Honors (2006)
- UCLA College of Letters and Science: Phi Beta Kappa (2006)
- UCLA Golden Key International Honor Society (2006)
- Saddleback College Latin Honors: Cum Laude (2003)
- California Governor's Scholarship (2001)

#### **RESEARCH & PUBLICATIONS**

### **Publications**

<u>Sclafani J</u>, et al. Optimal Multimodal Analgesia Treatment Recommendations for Total Joint Arthroplasty: A Critical Review. Journal of Bone and Joint Surgery Reviews. Accepted November 8, 2017.

<u>Sclafani J</u>, et al. Validity and reliability of a novel patient reported outcome tool to evaluate post-operative dysphagia, odynophagia, and voice (DOV) disability after anterior cervical procedures. International Journal of Spine Surgery. Volume 12, 2017.

Kim CW, Harris J, Sclafani J, Bucklen B. The Effect of Anterior Longitudinal Ligament Resection on Lordosis Correction during MIS Lateral Lumbar Interbody Fusion: Biomechanical, Radiographic, and Clinical Feasibility of an Integrated Spacer/Plate Interbody Reconstruction Device. Clinical Biomechanics 43, 102-108

**Sclafani J**, Liang K, Bergen SJ, Raiszdeh R. Arthrodesis Rate and Patient Reported Outcomes After Anterior Lumbar Interbody Fusion Utilizing a Plasma-Sprayed Titanium Coated PEEK Interbody Implant: A Retrospective, Observational Analysis. International Journal of Spine Surgery. Volume 11, 2017.

**Sclafani J**, Constantin A, Ho PS, Akuthota V, Chan L. Descriptive analysis of spinal neuroaxial injections, surgical interventions and physical therapy utilization for degenerative lumbar spondylolisthesis within Medicare beneficiaries from 2000-2011. Spine 42 (4), 240-246.

<u>Sclafani J,</u> Liang K, Mosley D, Prevost M. Retrospective Chart Assessment of Clinical Outcomes After an Amniotic Suspension Allograft is Used During Spinal Arthrodesis Procedures. Surgical Science. March, 2016.

<u>Sclafani J,</u> et al. Outcome Measures of an Intracanal, Endoscopic Transforaminal Decompression Technique: Initial Findings from the MIS Prospective Registry. International Journal of Spine Surgery. Volume 9, Article 69, 2016.

**Sclafani J**, Akuthota V. Integration of Low Back Pain Related Patient Reported Outcome Measures into Clinical Practice. Current Physical Medicine and Rehabilitation Reports. Volume 4, Issue 1, 2016.

Lowry D, Tuinstra D, Liang K, <u>Sclafani J.</u> Clinical Outcomes After Cervical Transcorporeal Microdecompression and Vertebral Body Access Channel Repair. International journal of spine surgery. Volume 9, Article 10, 2015.

<u>Sclafani J,</u> Liang K, Gordon C. Clinical Outcomes of a Polyaxial Interspinous Fusion System. International Journal of Spine Surgery. Volume 8, Article 35, 2014.

<u>Sclafani J,</u> et al. Biomechanic Stability and Clinical Outcome After Interspinous Process Fixation. White Paper, Aurora Spine. (2014).

<u>Sclafani J,</u> et al. Validation and Analysis of a Multi-site MIS Prospective Registry Through Sub-analysis of an MIS TLIF Subgroup. International Journal of Spine Surgery. Volume 8, Article 4, 2014.

<u>Sclafani J, Kim CW. Complications Associated With the Initial Learning Curve of Minimally Invasive Spine Surgery: A Systematic Review. Clinical Orthopedics and Related Research. (2014): 1-7.</u>

<u>Sclafani J,</u> Tirrell T, Franko O. Mobile Tablet Use among Academic Physicians and Trainees. J Med Syst. 2013 Feb;37(1):9903. doi: 10.1007/s10916-012-9903-6. Epub 2013 Jan 9.

Lee YP, Sclafani J. Lumbar latrogenic Spinal Instability. Seminars in Spine Surgery. Volume 25, Issue 2, June 2013.

Lee YP, Sclafani J. Lumbar Pseudarthrosis: Diagnosis and Treatment. Seminars in Spine Surgery: Lumbar fusion: Indications, Techniques and Complications. Volume 23, Issue 4, December 2011.

**Sclafani J**, Regev GJ, Webb J, Garfin S, Kim CW. Use of a quantitative pedicle screw accuracy system to assess new technology: initial studies on O-arm navigation and its effects on the learning curve or percutaneous pedicle screw placement. Spine Arthroplasty Society Journal, Volume 5, Issue 3, September 2011, Pages 57-62

de Velasco B, Erclik T, Shy D, **Sclafani J**, Lipshitz H, McInnes R, Hartenstein V. Specification and development of the pars intercerebralis and pars lateralis, neuroendocrine command centers in the *Drosophila* brain. *Dev Biology*. 2007 Feb 1;302(1):309-23.