

Christopher Alan Yeung

1635 E. Myrtle Ave. Suite 400, Phoenix, AZ 85020
Office (602) 944-2900 • e-mail: cayeung@sciatica.com

PERSONAL INFORMATION

Phoenix, Arizona, USA
Married, three children

PROFESSIONAL EXPERIENCE

SPINE TEAM CONSULTANT:

ARIZONA DIAMONDBACKS
ARIZONA STATE UNIVERSITY ATHLETICS
ARIZONA CARDINALS
CHICAGO CUBS
LOS ANGELES DODGERS
LOS ANGELES ANGELS
KANSAS CITY ROYALS
CINCINNATI REDS
COLORADO ROCKIES
PHOENIX SUNS (2019-2020)

AFFILIATE PHYSICIAN:

LPGA Affiliate Physician, Phoenix Area for LPGA Golfers - 2013 to present

LEADERSHIP POSITIONS:

- President, Desert Institute for Spine Care, 2002-present
- Chief of Staff, CORE Institute Specialty Hospital (formerly known as THE Surgical Hospital of Phoenix, 2010 to 2015
- Board of Directors, CORE Institute Specialty Hospital, 2015-present
- Board of Directors, Maricopa County Medical Society, 2005-2013
- Medical Director, Squaw Peak Surgical Facility, 2019-present
- Medical Advisory Board, RIESTER RX – Healthcare marketing unit of RIESTER, 2021-present
- Co-Chair, International Society for Spine Surgery(ISASS), MIS Endoscopic Course, 2017
- Scientific Advisory Board, Helia-Care, 2017-present
- Scientific Advisory Board, Spinal Kinetics, 2016-2018
- Scientific Advisory Board, Advanced Biologics, 2010-2015
- Scientific Advisory Board, Disc Dynamics, 2007-2009

TEAM CO-OWNER

- Phoenix Rising FC, 2017-present

EDUCATION

Los Angeles Spine Surgery Institute

Los Angeles, California, 7/02
Spine Fellow

USC Center for Orthopaedic Spine Surgery

Los Angeles, California, 8/01-6/02
Spine Fellow

University of California Irvine Medical Center

Orange, California, 1996-2001
Orthopaedic Surgery Resident/General Surgery Internship

University of Southern California School of Medicine

Los Angeles, California, June 1996
M.D., Dean's Scholar

University of California at San Diego
La Jolla, California, June 1992
B.S., General Biology, Magna Cum Laude

Brophy College Preparatory
Phoenix, Arizona, May 1988
High School Diploma, Highest Distinction

EMPLOYMENT

- President, Desert Institute for Spine Care (formerly known as Arizona Institute for Minimally Invasive Spine Care) 2002 – present
- Marketing Representative, ELECTROLUX, San Diego, CA; summer, 1989

HONORS & AWARDS

Desert Institute for Spine Care

- Top Doc Award by *Phoenix Magazine*, 2009, 2010, 2012, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
- America's Most Honored Doctors - Top 5% by *American Professionals* 2020, 2021, 2022
- America's Most Honored Professionals - Top 5% by *The American Registry*: 2016-2019
- Top Doctor Award by *Castle Connolly* 2012-2014, 2017-2023
- Top Orthopedic Surgeon Award by *Arizona Magazine*, 2020
- Arizona Medical Association Sportsman Award, 2018
- International Association of Orthopedic Surgeons –Top Doc Award in Phoenix, spotlighted in *The Leading Physicians of the World* publication, 2017
- National Spine Leadership Award by *Becker's Spine Review* 2013
- Best of Arizona Business, 2013

University of Southern California School of Medicine

- Alpha Omega Alpha Honor Society
- Phi Kappa Phi Honor Society
- Dean's Scholar Junior/Senior continuum
- Dean's Scholar Year I and II
- Clerkship Honors: Orthopaedics, Medicine I, Obstetrics & Gynecology, Ambulatory Care
- Clerkship Near-Honors: General Surgery, Pediatrics, Psychiatry

University of California at San Diego

- Phi Beta Kappa, 1992
- Magna cum Laude, 1992
- Provost's Honor List, 1988-1992
- ELECTROLUX Rookie of the Month Western Region, June 1989
- ELECTROLUX Rookie of the Month San Diego Division, June 1989
- ELECTROLUX Academic Scholarship

Brophy College Preparatory

- Graduated with Highest Distinction
- National Honor Society
- Who's Who Among High School Seniors
- Chinese American Citizens' Association Scholarship

NATIONAL BOARDS

- USMLE Part I, Part II, Part III: Passed
- Board Certified by the American Board of Orthopaedic Surgery, July 2004

LICENSURE

- Board of Medical Examiners State of Arizona

- Physician's and Surgeon's Certificate by The Medical Board of California
- Drug Enforcement Administration License
- X-ray Supervisor and Operator License

RESEARCH

- Orthofix M6-C Artificial Cervical Disc 2- level Clinical Study – FDA multicenter study**
-Primary Investigator, 2021 –present
- Spine Art Baguera Artificial Cervical Disc Clinical Study – FDA multicenter study**
-Sub investigator, 2021-present
- Spinal Kinetics M6-C Artificial Cervical Disc Clinical Study – FDA multicenter study.**
-Principle Investigator, 2014-2018
- Relievan Smart Clinical Study.** FDA multicenter study, one of 20 sites.
-Principle Investigator, 2011-2016
- ILIF study,** Post Market, Multicenter study. One of 10 sites.
-Sub Investigator, 2009-2015
- XClose™ Annular Repair Study.** Multicenter study. One of 40 sites.
-Principle Investigator, 2007-2012
- CerviCore™ Continued Access Intervertebral Disc Clinical Trial.** FDA multicenter study. One of 16 sites.
-Principle Investigator, 2007-2012
- Coflex™ Interspinous Device Clinical Trial.** FDA multicenter study. One of 23 sites.
-Sub Investigator, 2006-2016
- Dascor™ Nucleus Replacement Clinical Trial-US 101.** FDA multicenter study. One of 5 sites.
-Principle Investigator, 2006-2010
- Stabilimax NZ™ Dynamic Stabilization Clinical Trial.** FDA multicenter study. One of 25 sites.
-Sub Investigator, 2006-2010
- FlexiCore™ Continued Access Intervertebral Disc Clinical Trial.** FDA multicenter study. One of 10 sites.
-Sub-Investigator, 2005-2010
- Wallis Stabilization System Clinical Trial.** FDA multicenter study. One of 20 sites.
-Sub-Investigator, 2005-2008
- FlexiCore™ Intervertebral Disc Clinical Trial.** FDA multicenter study. One of 25 sites.
-Sub-Investigator, 2005.
- Yeung CA, Safran M, Seeger L, Kraus B, Smith W, Fu FH.** Radiographic Changes in the Lumbar Spine in Elite Speed Skaters. Presented at UCI Graduate Research Forum 2001.
- Yeung CA, McMahon PJ, Lee TQ.** Mild Patellar Malunion is Not Problematic After a Moderately Displaced Transverse Patella Fracture
-Poster presentation Orthopedic Research Society 2000,

- Holtom PD, **Yeung CA**, Patzakis MJ. In Vitro Elution Characteristics of Antibiotic-Impregnated Polymethylmethacrylate Spacers and Beads.
-Presented at the American Orthopaedic Association meeting, 1996
- Molecular Biology Research, 1992

PUBLICATIONS

- Yeung C**, Baron E, Tunstall R, *Chapter 47Back: Development of the Head and Neck*. In: Gray's Anatomy 43rd ed (In Progress)
- Salari, N, **Yeung, C**. *Anterior Cervical Discectomy and Fusion with a No-Profile Integrated Fixation Allograft Device: An In Vitro Biomechanical Analysis and Clinical Case Series*. Int J Spine Surg. 2022 April.
- Lewandrowski KU, Abraham I, Ramírez León JF, Soriano Sánchez JA, Dowling Á, Hellinger S, Freitas Ramos MR, Teixeira De Carvalho PS, **Yeung C**, Salari N, Yeung A. Differential Agnostic Effect Size Analysis of Lumbar Stenosis Surgeries. Int J Spine Surg. 2022 Apr;16(2):318-342. doi: 10.14444/8222. PMID: 35444041; PMCID: PMC9930655.
- Lee, Yu-Po MD; **Yeung, Christopher A.** MD; Oh, Michael MD; Bhatia, Nitin MD. *Endoscopic Spine Surgery*. Contemporary Spine Surgery 21(11):p 1-5, November 2020. | DOI: 10.1097/01.CSS.0000719852.30079.be
- Fischgrund JS, Rhyne A, Macadaeg K, Moore G, Kamrava E, **Yeung C**, Truumees E, Schaufele M, Yuan P, DePalma M, Anderson DG, Buxton D, Reynolds J, Sikorsky M. *Long-term outcomes following intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: 5-year treatment arm results from a prospective randomized double-blind sham-controlled multi-center study*. Eur Spine J. 2020 Aug;29(8):1925-1934. doi: 10.1007/s00586-020-06448-x. Epub 2020 May 25. PMID: 32451777.
- Yeung, CA**, Yeung, AT, *Lasers*. In: Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management, Second Edition. Frank M. Phillips, Isador H. Lieberman, David W. Polly Jr., Michael Y. Wang, ed., New York, New York, Springer Chapter 12, pp 127-137, 2019
- Fischgrund JS, Rhyne A, Franke J, Sasso R, Kitchel S, Bae H, **Yeung C**, Truumees E, Schaufele M, Yuan P, Vajkoczy P, Depalma M, Anderson DG, Thibodeau L, Meyer B. *Intraosseous Basivertebral Nerve Ablation for the Treatment of Chronic Low Back Pain: 2-Year Results From a Prospective Randomized Double-Blind Sham-Controlled Multicenter Study*. Int J Spine Surg. 2019 Apr 30;13(2):110-119. doi: 10.14444/6015. PMID: 31131209; PMCID: PMC6510180.
- Fischgrund JS, Rhyne A, Franke J, Sasso R, Kitchel S, Bae H., **Yeung CA**, Truumees E, Schaufele M, Yuan P, Vajkoczy P, DePalma M, Anderson DG, Thibodeau L, Meyer B. *Intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: a prospective randomized double-blind sham-controlled multi-center study*. In: European Spine Journal, online February 8, 2018, Springer
- Yeung AT, **Yeung CA**, *Posterolateral Endoscopic Lumbar Discectomy* in: Rothman-Simeone and Herkowitz's: The Spine 7th Ed. Vol. 2. Herkowitz HN, Rothman RH, Simeone FA eds., Philadelphia, PA., El Sevier, Inc, 2018, pp 983-993
- Yeung Anthony, **Yeung Christopher**, Nima Salari, Justin Field, James Navrati and Harrison Maio, *Lessons Learned using Local Anesthesia for Minimally Invasive Endoscopic Spine Surgery*. In: Journal of Spine, Volume 6, Issue 4, July 15, 2017
- Yeung A, **Yeung CA**, *Endoscopic Identification and Treating the Pain Generators in the Lumbar Spine that Escape Detection by Traditional Imaging*

Studies. In: Journal of Spine, Volume 6, Issue 2, April 21, 2017

•Yeung A, **Yeung CA**, *Selective Endoscopic Lumbar Discectomy (SED™) and Thermal Annuloplasty for Discogenic Back Pain, Disc Herniations and Sciatica in High Performance Athletes and Physically Active Patients*. In: Journal of Sports Injuries and Medicine, Volume 2017, Issue 02, May 6, 2017

•Yeung A, **Yeung CA**, *Endoscopic Identification and Treating the Pain Generators in the Lumbar Spine that Escape Detection by Traditional Imaging Studies*. In: Journal of Spine, Volume 6, Issue 2, April 21, 2017

•Yeung, Anthony & **Yeung, Christopher** & Salari, Nima & Field, Justin. *Endoscopic Surgery of the Spine as a Multi-Disciplinary Subspecialty for Appropriately Trained, and Experienced Providers*. Journal of Spine. 6. 10.4172/2165-7939.1000388, 2017

•**Yeung, C**, Yeung, AT, *Posterolateral Endoscopic Discectomy*. In: Handbook of Spine Surgery Second Edition. Ali A. Baaj, Praveen V. Mummaneni, Juan S. Uribe, Alexander R. Vaccaro, Mark S. Greenberg, ed., New York, New York, Thieme Medical Publishers, Inc. , Chapter 56, pp378-386, 2016.

•**Yeung C**, Salari N, Yeung A, *Overview of Endoscopic Spine Techniques*. In: An Anatomic Approach to Minimally Invasive Spine Surgery, second edition, Mick-Perez Cruet, Rick Fessler, Michael Wang, eds, New York, New York, Thieme Medical Publishers, Inc., Chapter 32, pp 311-322

•**Yeung, CA**, Field, J.S., & Yeung, AT, *Endoscopic Foraminal Approach to the Lumbar Spine*. In: Surgical Approaches to the Spine Third Edition. Robert G. Watkins, III & Robert G. Watkins, IV, ed., Marina del Rey, CA., Springer, Chapter 52, pp365-378, 2015.

•**Yeung, CA**, Yeung, AT, *Lasers*. In: Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management. Frank M. Phillips, Isador H. Lieberman, David W. Polly Jr., ed., New York, New York, Springer Chapter 9, pp79-88, 2014

•Roh, Jeffrey & **Yeung, Christopher** & Field, Justin & McClellan, Robert. *Allogeneic morphogenetic protein vs. Recombinant human bone morphogenetic protein-2 in lumbar interbody fusion procedures: A radiographic and economic analysis*. Journal of orthopaedic surgery and research. 8. 49. 10.1186/1749-799X-8-49. (2013).

•Yeung AT, **Yeung CA**, *Posterolateral Endoscopic Lumbar Discectomy*. In: Advanced Reconstruction: Spine. Jeffrey C. Wang, MD ed., AAOS, 2011, chapter 66, pp 611-624

•Yeung AT, **Yeung CA**, Meredith CC, *Endoscopic Surgical Pain Management in the Aging Spine*. In: The Comprehensive Treatment of the Aging Spine: Minimally Invasive and Advanced Techniques. J. Yue, R Guyer, P Johnson, L Khoo, S Hochschuler eds., Philadelphia, PA., El Sevier Saunders, 2011, pp 427-434

•Yeung AT, Yinggang Zheng, **Yeung CA**, *Dorsal Endoscopic Rhizotomy for Chronic Nondiscogenic Axial Low Back Pain*. In: The Comprehensive Treatment of the Aging Spine: Minimally Invasive and Advanced Techniques. J. Yue, R Guyer, P Johnson, L Khoo, S Hochschuler eds., Philadelphia, PA., El Sevier Saunders, 2011, pp 435-442

•Yeung AT, **Yeung CA**, *Posterolateral Endoscopic Lumbar Discectomy* In: Rothman-Simeone: The Spine 6th Ed. Vol. 1. Herkowitz HN, Rothman RH, Simeone FA eds., Philadelphia, PA., El Sevier Saunders, 2011, pp 1041-1050

- Yeung CA**, Kauffman CP, Yeung AT, *Percutaneous Decompression*. In: The Lumbar Intervertebral Disc. Frank Phillips, Carl Lauryssen eds., New York, New York, Thieme Medical Publishers, Inc., Chapter 10, pp 91-102, 2009
- Yeung, AT, **Yeung, CA**, Chang, MA, Kim, CW, *Discography and Endoscopic Lumbar Discectomy*. In: Minimally Invasive Spine Surgery: A Practical Guide to Anatomy and Techniques. Burak Ozgur, Edward Benzel, Steven Garfin, eds., Springer, 2009, pp 105-113
- Yeung, AT, **Yeung, CA**, *Foraminal Endoscopic Treatment of Painful Degenerative Conditions of the Lumbar Spine: The YESS Technique*. In: Emerging Techniques in Spine Surgery. Arvind Bhawe, ed: New Delhi, India, Jaypee Brothers Medical Publishers Ltd, 2009 pp 3-11.
- Yeung AT, **Yeung CA**, *Endoscopic Discectomy and Foraminal Decompression* In: Interventional Spine: An Algorithmic Approach. C Slipman, R Derby, F Simeone, T Mayer, eds: Saunders Elsevier. 2008, pp 1407-1413
- Yeung, Christopher** & Hayes, Victor & Siddiqi, Farhan & Yeung, Anthony. *Lumbar Endoscopic Posterolateral (Transforaminal) Approach*. 10.1016/B978-1-4160-3994-5.10019-5. (2008).
- K Lewandrowski, **CA Yeung**, M Spoonamore, R McLain, editors. In: Minimally Invasive Spinal Fusion Techniques, Philadelphia, PA: Summit Communications, LLC, Armonk, New York, 2008
- Yeung AT, **Yeung CA**, *Minimally Invasive Techniques for the Management of Lumbar Disc Herniation in: Orthopedic Clinics of North America: Minimally Invasive Spine Surgery*. D Samartzis, F Shen, G Anderson eds., WB Saunders, 2007, pp 363-372
- Cosar, M., Khoo, L., **Yeung, CA**, Yeung, AT, *A Comparison of the Degree of Lateral Recess and Foraminal Enlargement With Facet Preservation in the Treatment of Lumbar Stenosis With Standard Surgical Tools Versus a Novel Powered Filing Instrument: A Cadaver Study*. SAS Journal, autumn 2007, Volume 01, Issue 04, pp135-142
- Yeung, Anthony & **Yeung, Christopher**. *Minimally Invasive Techniques for the Management of Lumbar Disc Herniation*. The Orthopedic clinics of North America. 38. 363-72; abstract vi. 10.1016/j.ocl.2007.04.005. (2007).
- Yeung, Anthony & **Yeung, Christopher**. *Endoscopic Laminotomy, Foraminotomy, and Discectomy for Herniated Lumbar Disc*. 10.3109/9781420013962-11. (2007).
- Yeung AT, **Yeung CA**, *Endoscopic Surgery and Minimally Invasive Techniques*. In: Weiner's Pain Management: A Practical Guide for Physicians 7th Ed. M. Boswell, E. Cole, eds: Taylor & Francis Group, Boca Raton, FL., 2006, pp 1079-1091
- Yeung AT, **Yeung CA**, *Arthroscopic Lumbar Decompression: The Foraminal Approach*, In: Emerging Spine Surgery Technologies: Evidence and Framework for Evaluating New Technology. T Corbin, P Connolly, H Yuan, Q Bao, S. Boden, eds., Quality Medical Publishing, Inc., 2006, pp 291-305
- Yeung CA**, Hayes VM, Siddiqi FN, Yeung AT, *Lumbar Endoscopic Posterolateral (Transforaminal) Approach in: Motion Preservation Surgery of the Spine: Advanced Techniques and Controversies*. J Yue, R Bertagnoli, P McAfee, H An, eds, Saunders Elsevier. 2006, pp 167-177
- Yeung, Anthony & **Yeung, Christopher**. *In-vivo endoscopic visualization of patho-anatomy in painful degenerative conditions of the lumbar spine*. Surgical technology international. 15. 243-56. (2006)

- Yeung AT, **Yeung CA**, *Microtherapy in Low Back Pain*, In: Minimally Invasive Spine Surgery: A Surgical Manual 2nd Ed. H. Mayer, ed: Munich, Germany, Springer Verlag, 2005, pp 267-277
- Yeung AT, **Yeung CA**, Badalamenti JP, *Back Pain and Sciatica in a Patient with Synovial Cysts of the Lumbar Facet Joints and Extraforaminal Disc Protrusion with Annular Dehiscence*. NASS Case Study of the Month.
- Yeung AT, **Yeung CA**, *Posterolateral Selective Endoscopic Discectomy: The YESS Technique*. In: Endoscopic Spine Surgery and Instrumentation (and Percutaneous Procedures). Kim DH, Fessler R, eds., New York, NY, Thieme Medical Publishers, Chapter 17; 2005
- Yeung, AT, **Yeung, CA**, *Selective Endoscopic Discectomy (SED™)*. In: The Practice of Minimally Invasive Spinal Technique. 2005 Edition. Marvin H. Savitz, John C. Chiu, Rauschnig Wolfgang, Anthony T. Yeung, ed-in-chief., New York, New York, AAMISS PRESS, Chapter 61, pp 442-453, 2005
- Tsou PM, **Yeung CA**, Yeung AT, *Posterolateral Selective Endoscopic Discectomy and Thermal Annuloplasty for Chronic Lumbar Discogenic Pain: A Minimal Access Visualized Intradiscal Surgical Procedure*. The Spine Journal. 2004 Sep-Oct; 4(5):564-73.
- Tsou PM, **Yeung CA**, Yeung AT, *Posterolateral Percutaneous Endoscopic Lumbar Discectomy* in: Techniques in Spine Surgery. Wang J/Fu F ed., 2004
- Yeung AT, **Yeung CA**. Advances in Endoscopic Disc and Spine Surgery: Foraminal Approach. Surgical Technology International. 2003; Chapter 11:255-263
- Yeung CA**, Williams LA, Watkins IV RG, *Lumbar Spine Injuries in Athletes*, In: Devlin VJ ed. Spine Secrets. Philadelphia, PA: Hanley and Belfus; 2003
- Kauffman CP, **Yeung CA**, Yeung AT, *Percutaneous Lumbar Surgery*. In: Rothman-Simeone: The Spine 5th Ed. Herkowitz HN, Rothman RH, Simeone FA eds., Philadelphia, PA, WB Saunders, 2000, pp 945-952

PRESENTATIONS

- 2023 AANS Spine Summit: “Implant Choices in the ASC”, Miami, FL March 2023
- Selby Spine Conference: “Endoscopic Spine Surgery – Why Haven’t You Adopted it Yet?”, Park City, UT, January 2022
- Selby Spine Conference: “Discogenic LBP – How is it Identified?”, Park City, UT January 2022
- NASS Annual Meeting: “Identify Methods to Increase Practice Revenue and Evaluate Alternative Revenue Streams for Your Practice”, Chicago, Illinois, October 13, 2022
- NASS Annual Meeting: “Implant Choices in ASCs vs Hospitals”, Chicago, Illinois, October 13, 2022
- SMISS Annual Forum: “L4-L5 Grade 2 Spondylolisthesis with Stenosis: MIS Endoscopic Decompression and Fusion”, Boston, Massachusetts, October 28-30, 2021

- SMISS Annual Forum: “Role of ASCs during the COVID-19 pandemic.”
Boston, Massachusetts, October 28-30, 2021
- NASS Annual Meeting: “Implants to Use in ASC vs Hospital-Based Surgery”,
Boston, Massachusetts, October 2, 2021
- NASS Annual Meeting: “Discrepancies in Reimbursement Between ASC During
COVID”, Boston, Massachusetts, September 29-October 2, 2021
- Athletic Trainer’s Association, Spine Injuries in Sports Webinar: “Pars Fractures in
Athletes – Diagnosis and Treatment”, Zoom Presentation, October 14, 2020
- NASS Surgical Symposium: “Endoscopic Spine Surgery: Cost, Data and Advances”,
Virtual Experience, October 9, 2020
- NASS Annual Meeting: “Thoracic Endoscopic Discectomy, What lesions can be
removed safely?”, Chicago, Illinois, September 25, 2019
- NASS Annual Meeting: “Implants to Use in ASC vs Hospital-Based
Surgery?”, Chicago, Illinois, September 25, 2019
- DePuy Synthes Spine course Faculty Participation: “How to Transition Fusion to the
Outpatient Setting – Tips & Tricks”, Miami, Florida, January 25, 2019
- DePuy Synthes Spine course Faculty Participation: “Developing a Pathway to
Improve Efficiencies in the Hospital: Reducing Length of Stay, and Maximizing
Output all in the Setting of Limited Resources”, Miami, Florida, January 25, 2019
- DePuy Synthes Spine course Faculty Participation: “Becoming more efficient with
Minimally Invasive Spine Surgery – Peer to Peer Roundtable”, Miami, Florida,
January 25, 2019
- NASS/PASE course Faculty Participation: “Endoscopic Lumbar-Interlaminar
Approach”, St. Louis, Missouri, October 12-13, 2018
- ISASS18 –Faculty Moderator for Endoscopic Surgery General Session, Toronto,
Ontario, Canada, April 12, 2018
- North American Neuromodulation Society 21st Annual Meeting: ”Treatment of
Chronic Low Back Pain via Ablation of the Basivertebral Nerve: The SMART Trial”,
co-author with Kevin Macadaeg, MD, Las Vegas, NV, January 11-15, 2018
- NASS Annual Meeting: “Lumbar Endoscopic Interbody Fusions: A Review”,
Orlando Florida, October 26, 2017
- ISASS September Course; Co-Chair: “MIS Endoscopic and Percutaneous New
Technologies and Techniques, Navigation and Robotics Course” – Long Beach, CA,
September 22-23, 2017
- “Endoscopic Surgery” Moderator for General Session, Boca Raton, Florida, ISASS17
Annual Meeting, April 14, 2017
- Paradigm Spine Stenosis Summit Workshop Faculty at ISASS17 (Co Flex, Boca
Raton, Florida, April 13, 2017
- “The Ideal Procedure for Endoscopic Spine Surgery: An accomplished Endoscopic
Surgeon’s Perspective”, Las Vegas, ISASS16 Special Session Course, April 8, 2016 •
- Paradigm Spine Stenosis Summit Workshop Faculty at ISASS16 (CoFlex), Las
Vegas, April 7, 2016

- “Update on Cervical Disc Replacement Technology”, Chinese Orthopedic Association 19-ISASS ICL, Chongqing, China, November 19, 2015
- Scientific Program Committee for the SMISS Global Forum 15, (Abstracts reviewing, scoring and selecting the final Free Paper sessions), Las Vegas, November 5-7, 2015
- “Trans-Foraminal Endoscopic” (Richard Wolf Medical Instruments), Boston, ISASS September Course, September 19, 2015
- “Coflex (Paradigm Spine)”, Boston, ISASS September Course, September 19, 2015
- “Indications and Relative Contra-indications for Lumbar Endoscopic Surgery”, Boston, ISASS September Course, September 18, 2015
- “Dynamic Interspinous and Translaminar Stabilization - Coflex”, Boston, ISASS, September Course, September 18, 2015
- “Selecting the Endoscopic Spine Surgery Patient”, San Diego, ISASS15 Annual Meeting, April 17, 2015
- Paradigm Spine Stenosis Summit Workshop Faculty at ISASS15 (CoFlex) San Diego, April 16, 2015
- “3 Year Results of a Level 1 Trial Comparing Decompression and Interlaminar Stabilization to Decompression and Fusion”, Las Vegas, AAOS 2015 Annual Meeting, March 25, 2015
- “Spinal Endoscopy: Evidence”, Spine – IEP, Fellows and Young Surgeons Course, Scottsdale, AZ, November 21, 2014
- “Central Large HNP with LBP and Radiculopathy – Panel discussion”, Spine – IEP, Fellows and Young Surgeons Course, Scottsdale, AZ, November 21, 2014
- “Building a practice in the first few years. How to market? Role of the internet and social media”, Spine – IEP, Fellows and Young Surgeons Course, Scottsdale, AZ, November 21, 2014
- “Posterolateral Endoscopic Discectomy & Foraminal Decompression”, MINS, Detroit, Michigan, July 26, 2014
- “The common causes of FBSS that includes recurrent HNP and looking at the axilla endoscopically”, WCMISST, Paris, France, June 13, 2014
- “Spinal Endoscopy: Evidence”, Spine IEP Fellows & Young Surgeons’ Course, Las Vegas, November 16, 2013
- “Finding the right practice: Private practice”, Spine IEP Fellows & Young Surgeons’ Course, Las Vegas, November 16, 2013
- “Endoscopic Spine Surgery: Problem-Based Solutions”, moderator and case presentation”, Society for Minimally Invasive Spine Surgery, Las Vegas, November 3, 2013
- “Prevalence and Differential Diagnosis of Low Back Pain”, International Intradiscal Society, Seoul, Korea September 14, 2013
- “Radiofrequency Ablation of the Basivertebral Nerve for Treatment of Chronic Low Back Pain”, International Intradiscal Society, Seoul, Korea September 14, 2013

- “A blinded, multi-center clinical and radiological study to evaluate the use of OsteoAMP versus rhBMP-2 in TLIF/LLIF procedures”, Congress of Neurological Surgeons, San Francisco, California, October 22, 2013
- “Interlaminar Fixation with the Coflex device”, Booth presentation/symposium panelist, North American Spine Society Annual Meeting, New Orleans, October 8, 2013
- “Far Lateral Discectomy: Anatomy and Approach”, Contemporary Techniques in Minimally-Invasive Cervical and Lumbar Spine Surgery, AAOS/PASE of Saint Louis University, April 12, 2013
- “Cervical MIS Foraminotomy”, Contemporary Techniques in Minimally-Invasive Cervical and Lumbar Spine Surgery, AAOS/PASE of Saint Louis University, March 24, 2012
- “Posterolateral Lumbar Anatomy & Endoscopic Discectomy”, Contemporary Techniques in Minimally-Invasive Cervical and Lumbar Spine Surgery, AAOS/PASE of Saint Louis University, March 24, 2012
- “MIS Intradiscal Fusion Technologies”, Society for Minimally Invasive Spine Surgery 2011 Annual Meeting, Las Vegas, Nevada, October 21-23, 2011
- “A Comparative Outcome Evaluation of Lumbar Transforaminal Endoscopic Discectomy versus Micro-lumbar Discectomy for Lumbar Disc Herniation”, SAS11, Las Vegas, Nevada, April 26-30, 2011
- “Far Lateral Discectomy: Anatomy and Approach”, Latest Techniques in Less-Invasive Spine Surgery, Saint Louis University, March 4, 2011
- “Transforaminal Endoscopic Surgery: Are We Coming or Going?” Cedars-Sinai Medical Center, Las Vegas, Nevada, February 4, 2011
- “Far Lateral Discectomy: Anatomy and Approach”, Latest Techniques in Less-Invasive Spine Surgery, Saint Louis University, April 16, 2010
- “MIS Disc Nuclear Replacement” and Endoscopic Lumbar Discectomy”. Passionate about Spine Minimally Invasive Surgery Meeting, Madrid, Spain June 24-25, 2009
- “Dural Tears”. 5th Annual Emerging Technologies Spine Summit, Steamboat Springs, CO, Feb. 7, 2009
- “Posterolateral Endoscopic Discectomy & Decompression”. Society for Minimally Invasive Spine Surgery, Henderson, NV, November 14, 2008
- “DASCOR (Disc Arthroplasty System) for Discogenic Low Back Pain”. 1st World Congress of Minimally Invasive Spine Surgery & Techniques Meeting, Honolulu, HI, June 3-7, 2008
- “Nucleus Replacement for Discogenic Low Back Pain”. 4th Annual Emerging Technologies Spine Education Summit, Jackson Hole, WY, Feb. 7, 2008
- “Case Presentation – Stenosis & HNP”. SMISS. San Diego, CA. Nov. 16-17, 2007
- “Extreme Lateral Interbody Fusion (XLIF) Techniques.” Current & Emerging Issues in Complex Lumbar Spine Surgery Meeting. St. Louis University, St. Louis, Missouri, November 9, 2007
- “Minimally Invasive Disc Access and Nucleus Replacement”. 2006 Annual Clinical Assembly, New Orleans, LA September 16, 2006

- Emerging Technologies Spine Education Summit: “Posterolateral Endoscopic Discectomy – YESS Technique”, Telluride, CO, January 27, 2006
- “Optimesh for Interbody Fusion”. International Intradiscal Society 18th Annual Meeting. San Diego, CA May 25-28, 2005
- “In Vivo Endoscopic Visualization of Spinal Patho-anatomy”. International Intradiscal Society 18th Annual Meeting. San Diego, CA May 25-28, 2005
- “Protocol for Optimal Needle Placement – Transforaminal Selective Endoscopic Discectomy”. Pre-meeting workshop at International Intradiscal Society 18th Annual Meeting. San Diego, CA May 25-28, 2005
- “Posterolateral Endoscopic Discectomy: YESS Technique”. North American Spine Society Minimally Invasive Techniques – Hands on Course, Chicago, IL. March 3-4, 2005
- “Transforaminal/Posterolateral Approach: Complications and Avoidance”. Minimally Invasive Spine Surgery: Lumbar Decompression. North American Spine Society Pre-annual meeting Techniques Workshop. New York, NY. October 26, 2004
- “Selective Endoscopic Discectomy: The YESS Posterolateral Technique”. North American Spine Society Minimally Invasive Techniques – Hands on Course, St. Louis, MO. May 21-22, 2004
- “Transforaminal/Posterolateral Approach: Complications and Avoidance”. Minimally Invasive Spine Surgery: Lumbar Decompression. North American Spine Society Pre-annual meeting Techniques Workshop. San Diego, CA. October 21, 2003
- “Transforaminal Selective Endoscopic Discectomy – Results”. North American Spine Society Minimally Invasive Spine Techniques – Hands-on Course, Barrows Neurological Institute, Phoenix, AZ. May 16, 2003
- “Posterior vs. Posterolateral Discectomy - Anatomic Considerations.” American Academy for Minimally Invasive Spinal Medicine and Surgery 3rd World Congress, Phoenix, AZ. December 8-11, 2002
- “Protocol for Optimal Needle Placement – Transforaminal Selective Endoscopic Discectomy”. Advanced Workshop on the YESS Technique. Phoenix, AZ. December 7-8, 2002
- “Endoscopic Lumbar Spine Surgery”. University of Southern California Orthopaedic Surgery Grand Rounds. Los Angeles, CA. April 26, 2002.
- “Adolescent Spondylolisthesis – The Case for In-Situ Fusion”. University of Southern California Spine Grand Rounds. Los Angeles, CA. February 19, 2002
- “Artificial Disc Replacement – Early Design and Results”. University of Southern California Spine Grand Round. Los Angeles, CA. October 26, 2001.
- “Radiologic Abnormalities in Elite Speedskaters”. UC Irvine Orthopaedic Surgery Graduate Research Forum. Orange, CA. June 8, 2001.
- “Malunion Is Not Problematic Following Moderately Displaced Patella Fractures”. UC Irvine Orthopaedic Surgery Graduate Research Forum. Orange, CA. June 9, 2000.
- “Dupuytren’s Contracture”. Kaiser Permanente Orthopaedic Surgery Grand Rounds. Anaheim, CA. December 3, 1999.

- “Fractures of the Proximal Fifth Metatarsal – Selecting the Best Treatment Option”. Kaiser Permanente Orthopaedic Surgery Grand Rounds. Anaheim, CA. January 14, 2000.

POSTER PRESENTATIONS

- “In Vivo Endoscopic Visualization of Spinal Patho-anatomy”. International Intradiscal Society 18th Annual Meeting. San Diego, CA May 25-28, 2005
-Best Poster Award
- “Malunion Is Not Problematic Following Moderately Displaced Patella Fractures”. Orthopaedic Research Society 46th Annual Meeting. Orlando, FL. March 12-15, 2000.

CONFERENCES AND SYMPOSIA

- UCI Health Comprehensive Spine Center Webinar Series
-2022, Featured Panelist
- Integrity Tiger Integrity Summit, Phoenix, AZ
-2019, 2021, Featured Presenter
- ISASS MIS Endoscopic Course
-2017 Co-Chair

PROFESSIONAL & COMMUNITY SERVICE

FACULTY POSITIONS:

- ISASS 13 Conference. Vancouver, BC, Canada. April 3, 2013.
- “MIS Oral Posters – Program Moderator
- “Disorders of the Spine Meeting”. Whistler, Canada. January 19-23, 2008
- SMISS Conference. San Diego, CA. November 16-17-2007
- “Current & Emerging Issues in Complex Lumbar Spine Surgery”. Saint Louis University. November 8-10, 2007

Desert Institute for Spine Care (formerly known as Arizona Institute for Minimally Invasive Spine Care) 2002 – present

- Chief of Staff, CORE Institute Specialty Hospital (Formerly THE Surgical Hospital of Phoenix), 2010 to 2015
- Board of Directors, Maricopa County Medical Society, 2005-2013

University of California Irvine Medical Center

- University of California Irvine Division I Sports pre-participation orthopaedic screening, 1997-1998

University of Southern California School of Medicine

- National Delegate and Secretary, American Medical Student Association
- Treasurer Year II Class
- Admissions Interviewer, USC School of Medicine, 1994-1995
- Volunteer medical assistant at “Kids across America-Kanakuk Kamps”, Branson, Missouri, July 1995
- Volunteer, USC Community Health Fair (Physical examination screening)
- Volunteer, American Red Cross and FHP Health Care, “Kids Care Fair 1994”
- Member, Asian Professional Exchange (APEX)
- Member, Excel (XL) (Tutor/Mentor community service organization)
- Summer Preceptorship, Arizona Orthopaedic Surgeons, 1993

University of California at San Diego, La Jolla

- Volunteer, Scripps Clinic Green Hospital, 1991-1992
- Volunteer, Special Olympics, 1990, 1992

Teaching Assistant for General Biology course, 1991
Member and Officer, Tau Kappa Epsilon International Fraternity

Brophy College Preparatory

Volunteer, Phoenix Childrens' Hospital
Volunteer, St. Vincent DePaul Dining Room
Varsity Tennis Team

PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Minimally Invasive Spine Surgery (Founding Member)
North American Spine Society
International Society for the Advancement of Spine Society
American Academy of Orthopaedic Surgeons
Maricopa County Medical Society (Board of Directors 2005-2013)
Arizona Medical Association
Arizona Orthopedic Society
California Medical Association, 1996 - 2002
USC Salerni Colligium Alumni/Student Society
Phi Delta Epsilon Medical Fraternity Alumni

EXTRACURRICULAR

Golf, SCUBA, Fly Fishing, Deep Sea Fishing, Elk Bow Hunting, Camping, Volleyball,
Snow Skiing, Wake Surfing, Tennis, Pickle ball

Updated: 04/01/2023

A handwritten signature in black ink, appearing to read 'a. g. g.' or similar, located below the 'Updated' text.