

# Joshua H. Abrams

## Professional Experience

- 2018-present Desert Institute For Spine Care (DISC)  
Board Certified, Orthopedic Spine Surgeon  
Phoenix, AZ
- 2011-2018 Center for Orthopedic Research and Education (CORE Institute)  
Board Certified, Orthopedic Spine Surgeon  
Phoenix, AZ
- 2010-2011 Stanford University Medical School  
Clinical Instructor  
Stanford, CA
- 2010-2011 Veterans Affairs Medical Center  
Orthopedic Consultant  
San Francisco, CA
- 2010-2011 Veterans Affairs Medical Center  
Orthopedic Consultant  
Palo Alto, CA
- 2008-2010 Veterans Affairs Medical Center  
Orthopedic Compensation and Pension Consultant  
Ann Arbor, MI
- 2009-2010 Children's Hospital of Michigan  
Orthopedic Physician  
Detroit, MI
- 1999 Surgical Implant Generation Network (SIGN)  
Orthopedic Implant Operations Assistant  
Richland, WA

## Education

- 2010-2011 Spine Surgery Fellowship  
Stanford University Medical Center  
Stanford, CA
- St. Mary's Medical Center  
San Francisco, CA

## **Education Cont'd**

- 2006-2010    Orthopedic Residency  
Michigan State University, Botsford Hospital  
Farmington Hills, MI
- University of California, Davis  
Sacramento CA
- Beaumont Hospital  
Royal Oak, MI
- St. Joseph's Hospital  
Ann Arbor, MI
- Tampa General Hospital  
Tampa, FL
- Detroit Receiving Hospital,  
Detroit, MI
- Children's Hospital of Michigan  
Detroit, MI
- 2005-2006    Orthopedic Emphasis Surgical Internship  
Farmington Hills, MI  
Michigan State University, Botsford Hospital
- 2001-2005    Doctorate of Osteopathy  
Touro University College of Osteopathic Medicine  
Presidential Honors  
Class President, 2004-2005  
Mare Island, CA
- 1996-2000    Bachelor of Science  
Gonzaga University  
Spokane, WA

## **Hospital Privileges**

Abrazo Arrowhead	Glendale, AZ
Abrazo Scottsdale	Phoenix, AZ
Core Institute Specialty Hospital	Phoenix, AZ
Honor Health Deer Valley	Phoenix, AZ
Honor Health Sonoran Crossings	Phoenix, AZ
Honor Health Scottsdale Shea	Scottsdale, AZ
Squaw Peak Surgery Center	Phoenix, AZ

## **Licensure and Certification**

Board Certified, American Osteopathic Board of Orthopedic Surgeons  
Licensed, State of Arizona - Active  
Licensed, State of California  
Licensed, State of Michigan  
Licensed, State of Washington  
Advanced Trauma Life Support (ATLS)  
Advanced Cardiac Life Support (ACLS)  
Basic Life Support (BLS)

## **Faculty Appointments**

2016-2018 Affiliate Provisional Staff  
University of Arizona/Banner University

## **Volunteer & Community Service**

2010 Orthopedic Overseas (Health Volunteer Overseas)  
San Jose, Costa Rica

2006-2007 Redford Union High School Redford, MI  
Team Physician, Varsity and JV Football

2006 DOCARE Guatemala Medical Mission  
Volunteer Physician

## **Honors and Awards**

Recognized in Phoenix Magazine as Top Docs 2013, 2014, 2015, 2017,  
2018, 2019, 2020, 2022  
AOAO 2011 Scientific Paper Award Winner  
NASS – IEP Paper Finalist  
Michigan State University Research Day Award Winner  
Presidential Honors – Doctorate of Osteopathy  
Honorarium – Depuy Synthes Spine

## **Professional Affiliations**

North American Spine Society  
American Academy of Orthopedic Surgeons  
Society of Minimally Invasive Spine Surgery  
The International Society for the Advancement of Spine Surgery  
American Osteopathic Academy of Orthopedics  
American Osteopathic Association  
Orthopedic Overseas, Health Volunteers Overseas

## **Operating Room Surgeon Visitation Engagements**

2015-2020 DepuySynthes Visitation Site for Lateral Interbody Fusion

2015-2020 DepuySynthes Visitation Site for Kyphoplasty

2016-2020 DepuySynthes Visitation Site for Transforaminal Fusion

## **Speaker and Faculty Engagements**

2019-2022 Academy of Surgical Coaching

March 2023 MIS Solutions Hands-On Experience. Burr Ridge, IL

March 2022 Chairman - Advanced Minimally Invasive Spine Surgery and Innovative Technologies.  
San Francisco, CA

June 2021 Minimally Invasive Technologies and Advanced Techniques  
San Francisco, CA

March 2020 VuMedi – Minimally Invasive Spine Surgery

January 2020 Advanced Minimally Invasive Spine Surgery and Technologies  
Miami, FL

July 2019 Minimally Invasive Lumbar Spine Surgery Advancements  
San Diego, CA

January 2019 Advanced Minimally Invasive Spine Surgery and Technologies  
Miami, FL

Sept. 2018 North American Spine Society Lab Proctor  
Los Angeles, CA - September 2018

July 2018 Minimally Invasive Lumbar Spine Surgery Advancements  
San Diego, CA July 2018

January 2018 Advanced Minimally Invasive Spine Surgery and Technologies  
Palm Beach, FL

Nov. 2017 Minimally Invasive Spine Surgery and Technologies  
Rayham, MA

October 2017 Society of Minimally Invasive Spine Surgery  
Las Vegas, NV

May 2017 International Society for the Advancement of Spine Surgery  
Operating Room Efficiency  
Boca Raton, FL

January 2017 Advanced Minimally Invasive Spine Surgery and Technologies  
Miami, FL

August 2016 Annual Conference for Physician Assistants in Orthopaedic Surgery  
(PAOS)  
Phoenix, AZ

- August 2015 Minimally Invasive Spine Surgery and Technologies  
Plano TX
- June 2015 Minimally Invasive Spine Surgery and Technologies  
Denver, CO
- June 2015 Minimally Invasive Navigation and Technologies, Brainlab  
Denver, CO
- June 2014 Minimally Invasive Spine Surgery  
San Diego, CA
- April 2014 Minimally Invasive Spine Surgery  
Plano, TX
- June 2013 Depuy Synthes Spine: Future Leaders Workshop  
Virginia Tech University, Blacksburg WV

**Continuing Education**

- 2018 Cervical Spine Research Society  
Phoenix, AZ
- 2018 North American Spine Society  
Los Angeles, CA
- 2017 Society for Minimally Invasive Spine Surgery  
Las Vegas, NV
- 2017 International Society for the Advancement of Spine Surgery  
Boca Raton, FL
- 2015 Orthopedic Summit Meeting  
Las Vegas, NV
- 2015 AOA Spring Conference  
Amelia Island, FL
- 2013 NASS Spine Summit Meeting  
Park City, UT
- 2012 AOA Fall Conference  
Colorado Springs, AZ
- 2011 Cervical Spine Research Society

Scottsdale, AZ

- 2011 DLIF & Minimally Invasive TLIF Cadaver Training Course  
Sunnyvale, CA
- 2011 XLIF & MAS TLIF Cadaver Training Course, Nuvasive  
San Diego, CA
- 2011 AAOS Annual Convention  
San Diego, CA
- 2010 DLIF & Minimally Invasive TLIF Cadaver Training Course  
Sunnyvale, CA September 2010
- 2010 Advanced Concepts in Spine Surgery  
Las Vegas, NV
- 2009 Kyphon Balloon Kyphoplasty® Cadaver Course  
Chicago, Illinois
- 2009 University of Michigan Tumor Review Course  
University of Michigan, Ann Arbor, Michigan
- 2009 AOA Spring Conference  
Las Vegas, Nevada May 2009
- 2009 AAOS Annual Convention  
Las Vegas, Nevada
- 2008 AO Operative Fracture Management: Advanced Principles  
Marco Island, Florida
- 2008 AO Pediatric Course  
Detroit, Michigan
- 2007 AOSpine North America Treatment of Spinal Disorders  
Las Vegas, Nevada
- 2007 Musculoskeletal Tumor Review Course  
William Beaumont Hospital, Royal Oak, Michigan
- 2007 X-STOP IPD® Instructional Course  
Troy, Michigan
- 2007 AO Basic Principles and Techniques of Operative Fracture Management  
Reno, Nevada
- 2003 Annual Clinical Assembly of Osteopathic Specialists, Orthopedic Surgery  
Chicago, Illinois

## **Publications & Presentations**

Maximizing Operating Room Efficiency in Spine Surgery: A process of Tray Consolidation, Instrument Standardization and Cost Savings. ISASS May 2017

Maximizing Operating Room Efficiency in Spine Surgery: A Process of Tray Consolidation, Instrument Standardization and Cost Savings  
Abstract Submission to The International Society for the Advancement of Spine Surgery

Operating Room Efficiency in Spine Surgery  
Spine International News June 2017

Minimally Invasive Techniques of the Spine Presentation. March 2013  
Artificial Disc and Emerging Technologies  
Rio Vista Park. Podium Presentation. September 2012

Lateral Approach to the Lumbar Spine: The Good and the Bad  
Sun City Festival. Podium Presentation. November 2012.

Arachnoid Ossificans containing metaplastic hematopoietic marrow. IEP Award Finalist. North American Spine Society, Chicago. Podium Presentation. November 2011.

Treatment of Facet Cysts with Neurogenic Intermittent Claudication with X-Stop. Abrams J, Hsu K, Kondrashov D, Zucherman J. Journal of Spinal Disorders and Techniques. Nov 29, 2011.

Complications of the Lateral Transpsoas Approach for Lumbar Interbody Arthrodesis. Clinical Orthopedic and Related Research. September 23, 2011. Sofianos D, Briseno M, Abrams J, Patel A.

Arachnoid Ossificans containing metaplastic hematopoietic marrow resulting in diffuse thoracic intrathecal cysts and severe myelopathy: a case report. Abrams J, Mindea S, Cheng I. European Spine Journal. 2011, September 4 [Epub].

Open versus MIS Percutaneous TLIF: A Perioperative Analysis. Abrams, J., Valente M, Bono PL. Detroit Academy of Orthopedic Surgeons. Podium Presentation. May 2010

Outcomes in Dynamic, Static and Hybrid Anterior Cervical Fusion Plating Techniques. Abrams J, Baker K, Fischgrund J. Michigan State University Consortium of Orthopedic Surgeons. Podium Presentation.

Critical Review of the Indications for X-Stop. Identifying pertinent Exclusion Criteria. Podium Presentation. Drake G, Abrams J, Bono, P.

**Current Projects:**

Current Outcomes in Spine Surgery: The Role of Concentrating Colony Forming Units

**Editorial Reviewer:**

Neuroradiology  
CNS & Neurological Disorders

**Consulting Agreements**

Depuy Synthes Spine  
Product Development (Viper Prime)  
Product Development (Expedium Evolution, FOX MIS platform)  
Education  
Research  
Operating Room Visitation Site for Lateral Interbody Fusion  
Operating Room Visitation Site for Kyphoplasty  
Stryker Spine – Interventional  
Education  
Orthofix Spine  
Product Development  
Medacta International  
Product Development