

CURRICULUM VITAE

ASHVIN I. PATEL, M.D.

Kennedy-White Orthopaedic Center

6050 Cattleridge Boulevard, Suites 201/301- Sarasota, Florida 34232

Phone (941) 365-0655 - Fax (941) 371-2918

LICENSURE:

Colorado: 32518
Florida: ME0067502
New York: 178737-1

BOARD CERTIFICATION:

American Board of Orthopaedic Surgeons (1997)
Recertified in 2006 and 2016

WORK HISTORY:

Kennedy-White Orthopaedic Center (Sarasota, FL) – January 1997 to Present
Sarasota Orthopaedic Associates (Sarasota, FL) – January 1995 - December 1996

HOSPITAL AFFILIATIONS:

Sarasota Memorial Hospital, 1700 S Tamiami Trail, Sarasota, FL 34239
Doctors Hospital of Sarasota, 5731 Bee Ridge Road, Sarasota, FL 34233
Doctor's Same Day Surgery Center, 5741 Bee Ridge Road, Suite 100, Sarasota, FL 34233
HealthSouth Rehabilitation Hospital, 3251 Proctor Road, Sarasota, FL 34233
Cape Surgery Center, 1700 S Tamiami Trail, Sarasota, FL 34239

FACULTY APPOINTMENT:

Clinical Assistant Professor, Department of Clinical Sciences, Florida State University College of Medicine, Sarasota Campus, Sarasota, FL (June 2005 to present)

Clinical Assistant Professor, College of Allied Health for Physician Assistants, Nova Southeastern University, Fort Lauderdale, FL (September 2002 to 2004)

PROFESSIONAL ORGANIZATIONS:

American Academy of Orthopaedic Surgeons
Cervical Spine Research Society
AO North America
North American Spine Society
Florida Medical Association
Sarasota County Medical Society
Florida Orthopaedic Society

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EDUCATIONAL BACKGROUND:

Undergraduate School: Tufts University, Medford, MA; B.S. in Biology, Cum Laude, 1984.

Medical School: Tufts University School of Medicine, Boston, MA; M.D., 1988.

SPECIALTY TRAINING:

Internship: Albert Einstein College of Medicine
Montefiore Medical Center Bronx, NY
General Surgery (1988-1989)

Residency: Albert Einstein College of Medicine
Montefiore Medical Center Bronx, NY
Orthopedic Surgery (1989-1993)

Fellowship: Lakewood Orthopedic Clinic
1805 Kipling Street
Lakewood, CO 80215
Spine Surgery (1993-1994)

HONORS:

Recipient, Reader's Digest Fellowship: Summer Fellow in Rehabilitation Medicine at the Rusk Institute, New York University Medical Center (June 1981-September 1981)

Recipient, Tufts University School of Medicine Prize in Family Medicine: Fellowship in Family Medicine at Christian Medical College, Vellore, India (June 1985-August 1985)

Doctor of the Quarter, Perioperative Services, Sarasota Memorial Hospital. Winter 2000.

Doctor of the Quarter, Neurosurgical/Spinal Ward. Sarasota Memorial Hospital. Spring 2006.

Sarasota Magazine and Castle Connolly's 2012 Top Doctor

Sarasota Magazine and Castle Connolly's 2013 Top Doctor

Recipient, 2013 Tufts Medical Alumni Association Dean's Award at Class of 1988 25th Year Reunion, April 2013.

Sarasota Magazine and Castle Connolly's 2014 Top Doctor

Sarasota Magazine and Castle Connolly's 2015 Top Doctor

Sarasota Magazine and Castle Connolly's 2016 Top Doctor

Sarasota Magazine and Castle Connolly's 2017 Top Doctor

Sarasota Magazine and Castle Connolly's 2018 Top Doctor

Sarasota Magazine and Castle Connolly's 2019 Top Doctor

Sarasota Magazine and Castle Connolly's 2020 Top Doctor

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PROFESSIONAL AFFILIATIONS:

Spine Consultant, Sarasota Therapy Center, Sarasota, FL (11/95-11/97)

Chief Spine Consultant, Spinal Cord Injury Center at HealthSouth Rehabilitation Hospital, Sarasota, FL (1/96-2003)

Spine Consultant, Children's Medical Clinic of Sarasota Memorial Hospital, Sarasota, FL (7/96-7/98)

Committee Member, Sarasota County Medical Society, Committee on Medical Education (1/96-1/97)

Committee Member, Sarasota Memorial Hospital, Instrumentation Committee (1/96-1/97)

Medical Executive Committee, Sarasota Memorial Hospital, (2000-2001)

Member of Board of Governors, Sarasota County Medical Society (2000-2001)

Member, Education Committee, Sarasota Memorial Hospital (2000-2001)

Medical Executive Committee, Sarasota Memorial Hospital, (2006-2007)

Chief, Department of Surgery, Sarasota Memorial Hospital (2006-2007)

Head, Department of Surgery, Quality Improvement Committee, Sarasota Memorial Hospital (2007-2008)

Orthopaedic Team Leader, Crew Resource Management/Training in Healthcare Environments, Sarasota Memorial Hospital (2007-2008)

Member, Department of Surgery, Quality Improvement Committee, Sarasota Memorial Hospital (2007-Present)

Expert Medical Advisor, Florida Department of Financial Services, Division of Workers' Compensation (2014-Present)

Medical Executive Committee, Sarasota Memorial Hospital (2015-2016)

Member, President's Council, Tufts University, Medford, MA (2016-Present)

Board Member, Doctor's Same Day Surgery Center, Sarasota, FL (2017-Present)

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BASIC SCIENCE RESEARCH EXPERIENCE:

Montefiore Hospital Orthopaedic/Geriatric Research Laboratories:
Transport of Solutes by Bovine Epiphyseal and Articular Chondrocytes
(July 1989-June 1990).

Tufts University Department of Orthopaedics: Chemical Implant Fixation
of Hip Prosthesis Using Tricalcium Phosphate Coatings in Canine Subjects
(February 1988-June 1988).

Tufts University Department of Biology: Steroid Binding, Pathogenesis of Fever
(June 1982-December 1983).

CLINICAL RESEARCH EXPERIENCE:

Kennedy-White Orthopaedic Center: Efficacy of i-Factor™ Bone Graft versus Autograft in Anterior Cervical Discectomy and Fusion: Prospective Randomized Single-blinded Food and Drug Administration Investigational Device Exemption Study #G050178 Sponsored by Cerapedics, Inc. (2012-2020).

Kennedy-White Orthopaedic Center: Single Level Total Disc Replacement Multi-center Clinical Study with Simplify Cervical Artificial Disc, Food and Drug Administration Investigational Device Exemption Study # G140154, Sponsored by Simplify Medical Inc. (2017-Present).

Kennedy-White Orthopaedic Center: Two Level Total Disc Replacement Multi-center Clinical Study with Simplify Cervical Artificial Disc, Food and Drug Administration Investigational Device Exemption Study # G150206, Sponsored by Simplify Medical Inc. (2017-Present).

Kennedy-White Orthopaedic Center: Confirmatory Clinical Study to Support the Effectiveness and Safety of Oxiplex® for the reduction of Pain and Symptoms Following Lumbar Surgery. A Prospective Randomized Food and Drug Administration Investigational Device Exemption Study, Protocol #FZ-SP007, Sponsored by FzioMd, Inc. (July 2018-Present).

Kennedy-White Orthopaedic Center: (OLIF25™): A Prospective, Multi-Center Study to Assess Adverse Events & Outcomes for Subjects Treated for Lumbar Degenerative Disc Disease With Up-To Grade I Spondylolisthesis at One-to-Two Levels From L2 – L5 Using the Medtronic OLIF25™ Surgical Technique and Instrumentation sponsored by Medtronic, Inc. (August 2018-June 2020). Study terminated by Medtronic, Inc. in June of 2020.

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CLINICAL RESEARCH EXPERIENCE: (continued)

Kennedy-White Orthopaedic Center: A Clinical Study to Assess the Safety and Effectiveness of the Premia Spine Total Posterior Spine (TOPS™) System, An Alternative to Fusion Surgery for Degenerative Lumbar Spondylolisthesis: A Prospective Randomized Food and Drug Administration Investigational Device Exemption Study # G160168, Sponsored by Premia Spine, Inc.
(March 2020- Present)

Kennedy-White Orthopaedic Center: A Multi-Center Clinical Trial Comparing the Safety and Effectiveness of Prodisc^{RC} SK and Prodisc^R C Vivo to Mobi-C^{Rv} Cervical Disc in the Treatment of Two-Level Symptomatic Cervical Disc Disease: A Prospective Randomized Food and Drug Administration Investigational Device Exemption Study, Protocol # VAL-P-0022, Sponsored by Centinel Spine, Inc.
(March 2020-Present).

Kennedy-White Orthopaedic Center: A two- and five-year comparative evaluation of clinical outcomes in the treatment of degenerative spinal stenosis with concomitant low back pain by decompression with and without additional stabilization using the coflex® Interlaminar Technology for FDA Real Conditions of Use Study. Protocol Number: PS3/P110008, Sponsored by RTI Surgical, Inc. (October 2020-Present)

PUBLICATIONS/PRESENTATIONS:

Patel, A.I.; Passick, J.; and Haberman, E.T.: Giant Cell Tumor of Bone. Orthopaedic Grand Rounds, 1988; 5(3)26.

Patel, A.I.; Taylor, S.M.; Fisch, I.; and Hannafin, J.A.: Alanine Transport by Bovine Articular Chondrocytes in Monolayer Culture. 1990 AOA Resident's Conference, Newport Beach, CA, March 1990.

Patel, A.I.; Taylor, S.M.; Fisch, I.; Hannafin, J.A.: Alanine Transport by Bovine Articular Chondrocytes in Monolayer Culture. Orthop Trans., 15:16, 1991.

Patel, A.I.; Shapiro, G.D.; Lester, B.; and Kulick, R.: The Pathogenesis and the treatment of the SLAC Wrist. 1992 Meeting of the American Assoc. for Hand Surgery, Washington, DC, September 1992.

Patel, A.I.; Shapiro, G.D.; Lester, B.; and Kulick, R.: The Pathogenesis and the Treatment of the SLAC Wrist. 1992 Meeting of the American Society of the Hand, Phoenix, AZ, November 1992.

Shapiro, G.D.; Patel, A.I.; Lester, B.; and Kulick, R.: Proximal Row Carpectomy: A Critical Review and Analysis of the First 50 Years. 1992 Meeting of the American Association for Hand Surgery. Washington, DC, September 1992.

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PUBLICATIONS/PRESENTATIONS: (continued)

Shapiro, G.D.; Patel, A.I., Lester, B.; and Kulick, R.: Proximal Row Carpectomy: A Critical Review and Analysis of the First 50 Years. 1992 Meeting of the American Society for the Surgery of the Hand, Phoenix, AZ, November 1992.

Patel, A.I.; Moore, J.B.; Donaldson, D.H.; and Brown, C.W.: The Development of Lymphocele After Anterior Spinal Surgery. 1993 Spinal Science Advancement Foundation Meeting for Fellows in Spine Surgery, New Orleans, LA, November 1993.

Patel, A.I.; Haramati, N.H.; Cahill, J.E.; and Dorfman, H.D.: MRI Evaluation of Soft Tissue Lesions in the Extremities. Orthop Trans. March 18, 1994, #3, Page 909.

Patel, A.I.; Moore, J.B.; Donaldson, D.H.; and Brown, C.W.: The Development of Lymphocele After Anterior Spinal Surgery. 1994 Meeting of the Scoliosis Research Society, Portland, OR, September 1994.

Patel, A.I.; Moore, J.B.; Brown, C.W.; and Donaldson, D.H.: The Development of Lymphocele After Anterior Spinal Surgery. 1994 Meeting of the North American Spine Society. Minneapolis, MN, October 1994.

Patel, A.I.; Brown, C.W.; and Donaldson, D.H.: Failure of Spinal Instrumentation in the Treatment of Thoracolumbar Fractures with a Neurologic Deficit. 1994 Meeting of the North American Spine Society, Minneapolis, MN, October 1994.

Patel, A.I.; Moore, J.B.; Brown, C.W.; and Donaldson, D.H.: The Development of the Lymphocele After Anterior Spinal Surgery. 1995 Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL., February 1995.

Patel, A.I.; Brown, C.W.; and Donaldson, D.H.: Failure of Spinal Instrumentation in the Treatment of Thoracolumbar Fractures with A Neurologic Deficit. 1995 Meeting of the American Academy of Orthopedic Surgeons, Orlando, FL, February 1995.

Patel, A.I.; Brown, C.W.; and Donaldson, D.H.: Failure of Spinal Instrumentation in the treatment of Thoracolumbar Fractures with a Neurologic Deficit. 1995 Meeting of the Scoliosis Research Society. Asheville, NC, September 1995.

Kim, D.H.; Patel, A.I.; Brown, C.W.; Frierhood, T.G.: Arthrodesis of the Sacroiliac Joint for Sacroiliac Joint Syndrome: Preliminary Review of Results. 1996 Meeting of the American Academy of Orthopedic Surgeons. Atlanta, GA, February 1996.

Patel, A.I.; Talbert, S. D; Chi Lam,; Janssen, M.E.; Comparison of Single Level ACDF versus Prodisc-C: Preliminary Results of a Randomized Prospective Study. 2004 Meeting of the Cervical Spine Research Society, Boston, MA, December 2004.

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PUBLICATIONS/PRESENTATIONS: (continued)

Patel, A.I.; Fehlings, M.G.; Sasso, R. C.; Smoking is a predictor of response to ACDF with instrumentation in patients with single-level DDD: Results of a multi-center randomized controlled trial. 2009 Meeting of the Cervical Spine Research Society, Salt Lake City, UT. December 2009.

Arnold PM, Sasso RC, Janssen ME, Fehlings MG, Smucker JD, Vaccaro AR, Heary RF, Patel AI, Goulet B, Kalfas IH, Kopjar B. *Spine* 2016; 41:1075-1083. Efficacy of i-Factor™ Bone Graft versus Autograft in Anterior Cervical Discectomy and Fusion: Results of the Prospective Randomized Single-blinded Food and Drug Administration Investigational Device Exemption Study.

BOOK CHAPTERS:

Patel, A.I.; Sherman, M.S.: Sports Medicine: On the Field Evaluation/Return to Participation. Chapter 12. In Kasser J.R. (Editor): Orthopaedic Knowledge Update 5, American Academy of Orthopaedic Surgeons. Rosemont, IL, 1996.

Patel, A.I.: Evaluation and Treatment of Fractures of the Spine, Chapters 35-41. In Hoppenfeld, S. and Murthy, V. (Editors): Treatment and Rehabilitation of Fractures. Lippincott-Williams and Wilkins. Philadelphia, PA, 2000.

Patel, A.I.: The Spine. Chapter 18. In O'Neil, K and Peterson, R (Editors), Optimal Aging Manual: Your Guide from Experts in Medicine, Law, and Finance. Asia Pacific Offset, New York, NY, 2004.

INSTRUCTIONAL COURSES/ PRECEPTORSHIPS:

Faculty: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," St. Petersburg, FL — June 24, 2000.

Faculty: AO/ASIF, "Comprehensive and Interactive Spine Courses," Captiva Island, FL – September 7-10, 2000

Program Director: General Surgical Symposium on Minimal Access Surgery, Sarasota, FL – July 19, 2002.

Faculty: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," Panama City, FL – September 7, 2002.

Faculty: AO/ASIF, "Debating Issues in the Cervical Spine," Denver, CO – October 12, 2002.

Preceptor, Marie Selby Scholar Program (2002).

Faculty: AO/ASIF, "Comprehensive and Interactive Spine Courses," Sun Valley, ID – February 27-March 2, 2003.

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INSTRUCTIONAL COURSES/ PRECEPTORSHIPS: (continued)

NOVA Southeastern University, College of Allied Health, Preceptor for Physician Assistant (2003).

Faculty: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," Orlando, FL – December 5-6, 2003.

Faculty: University of South Florida College of Medicine, 6th Annual Disorders of the Spine" course, Whistler, Canada, January 17-23, 2004.

Faculty: AO/ASIF, "Degenerative Spine Symposium, Annapolis, MD – July 24-25, 2004.

Faculty: Saint Louis University Practical Anatomy Workshop, "Current Issues and Techniques in Complex Lumbar Spine Surgery," Saint Louis, MO — November 11-13, 2004.

Faculty: University of South Florida College of Medicine, "17th Annual Disorders of the Spine" course, Whistler, Canada, January 15-21, 2005.

Course Chairman: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," Tampa, FL — February 11-12, 2006.

Course Chairman: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," Naples, FL — January 26-27, 2008.

Faculty: AO/ASIF, "OR Personnel Course, Operative Management of the Spinal Surgery Patient," Denver, CO — September 27-28, 2008.

Faculty: St. Louis University Practical Anatomy Workshop, "Current and Emerging Issues in Complex Lumbar Spine Surgery," St. Louis, MO — November 6-8, 2008.

Faculty: AO Spine (Advanced Courses), Davos, Switzerland, December 14-19, 2008.

Faculty: AO Resident and Fellows Course in Spinal Surgery for Orthopaedic and Neurosurgery Residents and Fellows, Las Vegas, Nevada, January 16-18, 2009.

Preceptor, Externship in Medicine for Students at The Pine View School, Osprey, FL, 2012-2013, 2013-2014, 2014-2015

Panel Member: "Florida Stay at Work Consortium," Sarasota, Florida, April 19, 2013.

Faculty: Depuy Synthes Institute, "Principles of Spinal Disorders for Operating Room Personnel" Atlanta, GA, November 23-24, 2013.

Panel Member: "Third Annual Non-Spine and Spine Symposium", Sarasota, FL, November 7, 2014.

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INSTRUCTIONAL COURSES/ PRECEPTORSHIPS: (continued)

Guest Speaker/Paid Consultant for a One Day Presentation to Capital Consultants of Globus Medical, Inc.: “Sagittal Plane Balance and Adult and Pediatric Spinal Deformities”
Audubon, PA, November 27, 2016.

Facilitator/Organizer: “Quarterly Grand Rounds on Emerging Technologies in Spinal Surgery and Case Presentations in Spinal Surgery”, Sarasota, FL, January 16, 2017- Present.

Guest Speaker/Paid Consultant for a Presentation to Consultants of Medtronic, Inc.: “Treatment of Common Disorder of the Spine: Which Surgical Approach Makes the Most Sense” Memphis, TN, January 11 and January 12, 2018.

Guest Speaker/Paid Consultant for a One Day Lecture and Lab Presentation to Spinal Surgeons, sponsored by Centinel Spine, Inc., on “ Prodisc C: Indications and Surgical Technique”, Tampa, FL, January 13, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “ Prodisc C: Indications and Surgical Technique”, February 22, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “ Prodisc C: Indications and Surgical Technique”, March 22, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “ Prodisc C: Indications and Surgical Technique”, May 14, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “ Prodisc C: Indications and Surgical Technique”, May 22, 2018.

Course Chairman: “Lumbar and Cervical Total Disc Arthroplasty Course with Hands-On Bioskills Lab”, Sponsored by Centinel Spine, Inc. Mayfield Surgical Innovation Center, Cincinnati, OH, June 29-30, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “Prodisc C: Indications and Surgical Technique”, July 19, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “Prodisc C: Indications and Surgical Technique”, August 21, 2018.

Guest Facilitator/Paid Consultant for a Webinar sponsored by Centinel Spine, Inc., on “Prodisc L: Indications and Surgical Technique”, August 21, 2018.

Guest Speaker/Paid Consultant for a Presentation to Consultants of Medtronic, Inc.: “Treatment of Common Disorder of the Spine: Which Surgical Approach Makes the Most Sense” Memphis, TN, September 20 and September 21, 2018.

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Guest Speaker/Paid Consultant for a One Day Presentation to Consultants of Globus Medical, Inc.:
“Minimally Invasive Transformational Lumbar Interbody Fusion: Indications and Surgical
Technique” Audubon, PA,
February 17, 2020.

Featured Guest Speaker, Global Town Hall, Centinel Spine, Inc.: A discussion on "Why I
Prefer Motion Preservation Technology". September 30, 2020.

WORK EXPERIENCE:

Resident Assistant, Tufts University Dormitory, Advisor to Undergraduates and Coordinator of
Activities (August 1982-May 1983).

Tutor, Tufts Academic Resource Center. Undergraduate Instructor in Mathematics
and Sciences (September 1982-December 1983).

Instructor, Boston Technical High School. Tutor in Chemistry and Physics (January 1984-May 1984).

Teaching Assistant, Phillips Academy in Andover, Summer Session Teaching Assistant
in Calculus And Physics (June 1984-August 1984).

Instructor, Cambridge Young Men’s Christian Association, Squash Coach (August 1984-May 1985).

VOLUNTEER EXPERIENCE/MEDICAL MISSIONS:

Surgeon Volunteer for Scoliosis Camp for Children at Health & Care Foundation, Ahmedabad, India,
Sponsored by IASA (Indo-American Spine Alliance), November, 2017.