

SCOTT WEBB, D.O.

Comprehensive Academic Curriculum Vitae — 2026

Fellowship-Trained Orthopedic Spine Surgeon
Florida Spine Institute
2250 Drew Street • Clearwater, Florida 33765
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PROFESSIONAL SUMMARY

Fellowship-trained orthopedic spine surgeon with more than three decades of orthopedic surgical experience and more than twenty-five years devoted to spine surgery. Fellowship-trained at Florida Spine Institute, with clinical and investigative experience spanning cervical and lumbar reconstruction, motion preservation, cervical and lumbar disc arthroplasty, facet arthroplasty, minimally invasive spine surgery, spinal deformity, biologics, advanced instrumentation, navigation, and augmented-reality-assisted spine surgery.

Career experience includes service as Surgical Director and Fellowship Director of Florida Spine Institute; leadership roles in hospital surgery departments; participation as principal, primary, or lead investigator in numerous multicenter and FDA IDE studies; resident and fellow education; international surgeon training; and authorship or co-authorship of book chapters, abstracts, posters, and podium presentations.

SELECTED CAREER DISTINCTIONS

- Lead Investigator, Total Facet Arthroplasty System (TFAS) FDA IDE study.
- Performed the world's first facet replacement in Romania and the first facet replacement in the United States at Mease Countryside Hospital, using the Archus Total Facet Arthroplasty System (TFAS) implant.
- Principal/Primary Investigator in cervical disc arthroplasty, facet replacement, biologic, bone-graft, and dynamic stabilization investigations.
- Clinical participation in TFAS, ACADIA, TOPS, Cervicore, Flexicore, Stabilimax, Nubac, BMP, Healos, OP-1, P-15L, and related technologies.
- Early adopter of motion-preservation surgery, ultrasonic spine surgery technology, and advanced image-guided/navigation-assisted spinal instrumentation.
- Early regional use of Augmedics augmented-reality navigation for spinal instrumentation.
- Longstanding educator of orthopedic residents and spine fellows, including HCA Largo-affiliated resident education.
- International spine program development and surgeon training in Timisoara, Romania.
- Scientific presentations across North America, Europe, and Asia, including meetings in Montreal, Berlin, Seoul, Miami, Geneva, Orlando, Atlanta, and Key West.

LICENSURE

Florida Medical License — OS0007461

BOARD CERTIFICATION

American Osteopathic Board of Orthopaedic Surgery

Original Certification: October 2, 1997

Recertification: January 1, 2008 – December 21, 2017

Certificate No. 1200

EDUCATION AND POSTGRADUATE TRAINING

11/23/2005 **Honoris Causa**

Victor Babes University of Medicine and Pharmacy, Timisoara, Romania

08/01/1997–07/31/1998 **Fellowship — Surgical Spine**

Florida Spine Institute, Clearwater, Florida

1984–1988 **Residency — Orthopaedic Surgery**

Mount Clemens General Hospital, Mount Clemens, Michigan

1982–1983 **Internship**

Mount Clemens General Hospital, Mount Clemens, Michigan

1978–1982 **Doctor of Osteopathic Medicine**

Chicago College of Osteopathic Medicine

1976–1977 Graduate Studies — Molecular, Cellular and Developmental Biology

Iowa State University

1975 Graduate Studies — Pharmacology

University of Illinois at the Medical Center

1972–1974 Bachelor of Arts, Microbiology, with Honors

Southern Illinois University, Carbondale, Illinois

1970–1971 Associate of Science

Harper College

1968–1970 Undergraduate Studies

University of Miami, Coral Gables, Florida

EARLY WORK EXPERIENCE

1977–1978 — Emergency Medical Technician, volunteer, Connecticut.

1977–1978 — Orderly, St. Mary Hospital, Waterbury, Connecticut.

1974–1975 — Orderly, Iowa Methodist Medical Center, Des Moines, Iowa.

1971–1972 — Self-employed carpenter.

ACADEMIC APPOINTMENTS

2005–Present Surgical Director

Florida Spine Institute, Clearwater, Florida

2002–2012 Fellowship Director

Florida Spine Institute, Clearwater, Florida

1988–1997 Program Associate Trainer

Orthopedic Surgery Residency Program, Mount Clemens General Hospital, Mount Clemens, Michigan

ELECTED AND HOSPITAL LEADERSHIP

2012 Board Member

Largo Medical Center, Largo, Florida

2004–2006 Chairman, Department of Surgery

Sun Coast Hospital, Largo, Florida

2002–2004 Vice Chairman, Department of Surgery

Sun Coast Hospital, Largo, Florida

2000–2004 Medical Records Committee

Sun Coast Hospital, Largo, Florida

PRACTICE EXPERIENCE

1998–Present Orthopedic Spine Surgeon

Florida Spine Institute, Clearwater, Florida

1988–1997 Orthopedic Surgeon

Mount Clemens General Hospital, Mount Clemens, Michigan

1995–1997 Team Physician

Eisenhower, Fraser, Utica, and Stevenson High Schools, Michigan

1983–1984 Emergency Physician

River District Hospital, Michigan

PROFESSIONAL MEMBERSHIPS

- American College of Spine Surgeons
- American Osteopathic Academy of Orthopedics
- American Osteopathic Association
- North American Spine Society
- International Society for the Advancement of Spine Surgery
- American Academy of Orthopaedic Surgeons

HOSPITAL PRIVILEGES / APPOINTMENTS

- Mease Hospitals — Dunedin / Countryside, Florida

- Morton Plant Hospital — Clearwater, Florida
- Largo Medical Center — Sun Coast Campus, Largo, Florida
- Largo Medical Center — Largo, Florida
- Mount Clemens General Hospital — Mount Clemens, Michigan (1988–1997)

SURGICAL INNOVATIONS, PIONEERING CONTRIBUTIONS, AND CLINICAL FIRSTS

Motion Preservation and Arthroplasty

- Early clinical investigator and adopter of motion-preservation technologies involving cervical disc arthroplasty, lumbar disc arthroplasty, facet arthroplasty, and posterior dynamic stabilization.
- Lead Investigator for the TFAS facet arthroplasty FDA IDE study.
- Principal Investigator for the ACADIA Facet Replacement System investigation and participant in the TOPS Facet Replacement FDA IDE program.
- Primary Investigator for the Cervicore cervical disc FDA IDE study and participant in the Flexicore intervertebral disc clinical study.
- Performed the world's first facet replacement in Romania and the first facet replacement in the United States at Mease Countryside Hospital, using the Archus Total Facet Arthroplasty System (TFAS) implant.
- Contributed to clinical evaluation of motion-preserving alternatives to fusion and to the scientific literature on facet replacement and adjacent-segment disease.

Advanced Technology and Minimally Invasive Surgery

- Early adopter of ultrasonic spinal surgery technology through Aesculap.
- Early regional adopter of Augmedics augmented-reality navigation for navigated spinal instrumentation.
- Early adopter of advanced navigation-assisted spinal instrumentation and minimally invasive techniques.
- Recognized for work aimed at reducing radiation exposure during minimally invasive spine surgery, including endoscopic/visualization approaches to instrumentation placement; physician-provided career history identifies NASS recognition for this innovation.

Education and Program Development

- Longstanding fellowship and resident educator.
- Orthopedic resident education through HCA Largo and affiliated programs.
- Mentorship of residents who subsequently pursued spine fellowships and independent practice.
- Development of an orthopedic spine center in Timisoara, Romania and training of Romanian orthopedic surgeons in spine surgery.

SCIENTIFIC STUDY AND RESEARCH PARTICIPATION

PROCRIT / Epoetin Alfa Blood Conservation Study

"An Open-Label Randomized, Parallel-Group Study to Confirm the Safety and Efficacy of PROCRIT (Epoetin Alfa) Administered Peri-operatively vs the Standard of Care in Blood Conservation in Subjects Undergoing Major Elective Spinal Surgery," sponsored by Ortho Biotech and Parexel International. Status: Closed.

Dynagraft Matrix Posterolateral Fusion Study

"A Pilot, Multi-center Comparison Study of Bilateral Posterior Lumbar Intertransverse Process Spinal Arthrodesis Using Dynagraft Matrix with Autogenous Bone versus Autogenous Bone Alone," sponsored by Gen Sci Regeneration Laboratories, Inc. Status: Closed.

CONTACT Fusion Cage Clinical Study

Sponsored by Synthes Spine. Status: Closed.

Dynagraft Putty vs Osteoset Pellets

"A Multi-Center, Single-Blind Randomized, Prospective Study Comparing Dynagraft Putty versus Osteoset Pellets when filling the Bone Defect Left from the Iliac Crest Recovery Site in Patients Undergoing Spinal Arthrodesis Surgery," sponsored by Gen Sci Regeneration Laboratories Inc. Status: Closed.

BMP-2 / Novus LT Anterior Lumbar Interbody Fusion Study

"A Clinical Investigation of Recombinant Human Bone Morphogenetic Protein-2 (BMP) and Absorbable Collagen Sponge with the Novus LT Device for Anterior Lumbar Interbody Fusion in Patients with Symptomatic Degenerative Disc Disease," sponsored by Sofamor Danek. Primary Investigator. Status: Follow-up only.

Healos Clinical Trial

"The Investigational Plan for the Pivotal Trial of the Sulzer Spine-Tech Healos Bone Graft Substitute + Bone Marrow + BAK Interbody Fusion Devices," sponsored by Sulzer Spine-Tech. Primary Investigator. Status: Follow-up only.

TLIF Using Cages

“TLIF using Cages — for Discogenic pain syndrome.” Status in 2022 CV: Current.

OP-1 Putty Study

A prospective, randomized, controlled, multicenter pivotal study of OP-1 Putty in un-instrumented posterolateral fusion.

Sagittal Balance Study

Sagittal balance in the lumbar spine: comparison of cage type and placement; retrospective study. Principal Investigator. Status in 2022 CV: Current.

Flexicore Intervertebral Disc Clinical Study

Status: Enrollment complete.

BMP52 Phase II FDA Study

Investigation of BMP52, Phase 2 FDA Study. Principal Investigator. Status: Closed.

Healos-BMA TLIF Study

Clinical study utilizing Healos-BMA in a TLIF model — Healos as bone graft substitute in spinal fusions. Principal Investigator. Status in 2022 CV: Ongoing.

Cervicore Cervical Disc FDA IDE Study

Stryker Spine. Primary Investigator. Status: Closed.

TFAS Facet Arthroplasty FDA IDE Study

Archus / Dradjadius. Lead Investigator. Status: Closed.

ACADIA Facet Replacement System

Sponsored by Globus Medical. Principal Investigator. Status in 2022 CV: Ongoing.

Stabilimax Dynamic Spine Stabilization System

Sponsored by Applied Spine Technologies. Principal Investigator. Status: Study Closed.

Nubac

Sponsored by Pioneer Surgical Technology. Principal Investigator. Status: Study Closed.

ISTO-INOUE Bone Graft Extender

Premarket study.

Adjacent Segment Disease after Total Facet Arthroplasty

Venezia M., Beatty T., Webb S. Incidence of Adjacent Segment Disease after Total Facet Arthroplasty: A Retrospective Review. Past Project.

TOPS Facet Replacement FDA IDE Study

Patient evaluation, screening, and surgical participation, Florida Spine Institute. Past Project.

P-15L Bone Graft Assessment

Webb S., Beatty T. Assessment of P-15L Bone Graft in Transforaminal Lumbar Interbody Fusion with Instrumentation. Past Project.

PUBLICATIONS, BOOK CHAPTERS, AND SCHOLARLY CONTRIBUTIONS**Book Chapters**

Beatty T., Venezia M., Webb S. “Posterior Lumbar Facet Replacement and Posterior Dynamic Stabilization.” In Coric D. (ed.), Handbook of Spine Technology. Springer, 2021.

Singh K., Nandyala S., Marquez-Lara A., Fineberg S., Oglesby M., Khoo L., Pimenta L., Diaz R., Webb S. “Chapter 34 — The Current Status of Facet Replacement.” Dynamic Reconstruction of the Spine, Second Edition. Listed in the 2022 CV as publication pending.

Research Projects with Scholarly Output

Venezia M., Beatty T., Webb S. Incidence of Adjacent Segment Disease after Total Facet Arthroplasty: A Retrospective Review.

Webb S., Beatty T. Assessment of P-15L Bone Graft in Transforaminal Lumbar Interbody Fusion with Instrumentation.

SELECTED AREAS OF SCHOLARLY FOCUS

- Facet arthroplasty and posterior motion preservation.

- Adjacent-segment disease following total facet arthroplasty.
- Dynamic stabilization and alternative polymers in spine surgery.
- Cervical and lumbar disc arthroplasty.
- Biologics, bone graft substitutes, and fusion enhancement.
- Sagittal balance and interbody cage placement.
- Minimally invasive instrumentation and radiation-reduction strategies.

TEACHING AND MENTORSHIP

Served as Fellowship Director and Surgical Director at Florida Spine Institute, providing surgical spine fellow education and mentorship. Continued orthopedic resident education includes HCA Largo-affiliated training and mentorship of residents who subsequently entered spine fellowships and independent spine practice.

ABSTRACTS, POSTERS, PODIUM PRESENTATIONS, AND SCIENTIFIC MEETINGS

2006 — Montreal, Quebec, Canada

Webb S., Prejbeanu R., Branea J. "Preliminary Experience with Total Facet Arthroplasty System (TFAS)." Spine Arthroplasty Summit 6, May 10–13, 2006. Dr. Webb — Poster.

2007 — Berlin, Germany

Webb S., Brown C., Sachs B.L., Wang M., Castellvi A., Halperin M. "Total Facet Arthroplasty in the Treatment of Spinal Stenosis: Results from an Ongoing IDE Clinical Trial." PA-FR16, Spine Arthroplasty Summit 7, May 1–4, 2007. Dr. Webb — Poster.

2008 — Seoul, Korea

S. Webb, C.W. Brown, B.L. Sachs, D. Wiles, A. Castellvi, C. Wingo, M. Halperin, G. Bajares, A. Perez Oliva, R. Prejbeanu, I. Branea. "The Total Facet Arthroplasty System (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up of 24 Months." Spine Arthroplasty Asia Pacific Conference, January 16–18, 2008. Dr. Webb — Podium Presentation.

2008 — Orlando, Florida

D. Wiles, S. Webb, C.W. Brown, B.L. Sachs, A. Castellvi, C. Wingo, M. Halperin, G. Bajares, A. Perez Oliva, R. Prejbeanu, I. Branea. "The Total Facet Arthroplasty (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up 24 Months." 2008 AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, February 27–March 1, 2008. Dr. Wiles — Podium Presentation.

2008 — Miami, Florida

"Facet Arthroplasty in Patients with Reduced Disc Height — Preliminary Data from an Ongoing U.S. IDE Clinical Trial." Spine Arthroplasty Society Global Symposium on Motion Preservation Technology, May 6–9, 2008. Dr. Webb — Poster.

2008 — Miami, Florida

S. Webb, C.W. Brown, B.L. Sachs, D. Wiles, A. Castellvi, C. Wingo, M. Halperin, G. Bajares, A. Perez Oliva, R. Prejbeanu, I. Branea. "The Total Facet Arthroplasty System (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up of 24 Months." Spine Arthroplasty Society Global Symposium on Motion Preservation Technology, May 6–9, 2008. Dr. Webb — Poster.

2008 — Geneva, Switzerland

S. Webb, C.W. Brown, B.L. Sachs, D. Wiles, A. Castellvi, C. Wingo, M. Halperin, G. Bajares, A. Perez Oliva, R. Prejbeanu, I. Branea. "The Total Facet Arthroplasty System (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up of 24 Months." EuroSpine, May 26–31, 2008. Dr. Webb — Poster.

2008 — Orlando, Florida

D. Wiles, S. Webb, C.W. Brown, B.L. Sachs, A. Castellvi, C. Wingo, M. Halperin, G. Bajares, A. Perez Oliva, R. Prejbeanu, I. Branea. "The Total Facet Arthroplasty (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up 24 Months." Congress of Neurological Surgeons Annual Meeting, September 20–25, 2008. Select Abstract Session — Poster; presentation by Dr. Wiles.

2008 — Henderson, Nevada

B.L. Sachs, G. Bajares, A. Perez-Oliva, I. Branea, R. Prejbeanu, S. Webb, A. Castellvi, M. Halperin. "The Total Facet Arthroplasty System (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-Up of 24 Months." Eastern Orthopaedic Association Annual Meeting, October 22–25, 2008. Podium Presentation — Dr. Sachs.

2018 — Key West, Florida

Beatty T., Webb S. "Alternative Polymers in Spine Surgery." Castellvi Spine Symposium, May 2018. Listed in the 2022 CV as available on VuMedi.com.

2018 — Atlanta, Georgia

Beatty T., Venezia M., Webb S. "Incidence of Adjacent Segment Disease after Total Facet Arthroplasty: A Retrospective Review." American Osteopathic Academy of Orthopedics Annual Meeting, October 2018. Overall Winner, Spine Division — Podium Presentation.

2019 — Key West, Florida

Beatty T., Webb S. "Past, Present, and Future of Facet Arthroplasty." Castellvi Spine Symposium, April 2019.

2019 — Largo, Florida

Beatty T., Venezia M., Webb S. "Incidence of Adjacent Segment Disease after Total Facet Arthroplasty: A Retrospective Review." Consortium for Excellence in Medical Education Scientific Research Poster Competition, May 2019.

INTERNATIONAL EDUCATION AND PROGRAM DEVELOPMENT**Timisoara, Romania**

Development of Orthopedic Spine Center in Timisoara, Romania and training of Romanian orthopedic surgeons in spine surgery.

The international work complemented Dr. Webb's broader focus on motion preservation, advanced spinal reconstruction, and dissemination of contemporary spine surgical techniques.

HONORS AND RECOGNITION

- Honoris Causa — Victor Babes University of Medicine and Pharmacy, Timisoara, Romania, November 23, 2005.
- Overall Winner, Spine Division Podium Presentation — American Osteopathic Academy of Orthopedics Annual Meeting, Atlanta, Georgia, October 2018, for "Incidence of Adjacent Segment Disease after Total Facet Arthroplasty: A Retrospective Review."
- Physician-provided career history identifies NASS recognition / Best Product recognition for an innovation designed to reduce radiation exposure during minimally invasive spinal instrumentation.

CLINICAL AND ACADEMIC INTERESTS

- Motion preservation
- Cervical disc arthroplasty
- Lumbar disc arthroplasty
- Facet arthroplasty and posterior dynamic stabilization
- Minimally invasive spine surgery
- Complex cervical and lumbar reconstruction
- Spinal deformity and sagittal balance
- Navigation and augmented reality
- Biologics and bone graft technologies
- Resident and fellow education
- Clinical research and FDA IDE investigation