Curriculum Vitae JOHN H. YORK, D.O.

Board Certified Orthopedic Surgeon · Adult Reconstruction, General Orthopedics, Interventional Pain
AXIS Surgical Engineer · 9700 N 91st Street, Suite A-115 · Scottsdale, AZ 85258
Office (602) 609-8459 · Fax (855) 566-5675 ·
john.york@johnyorkdo.com · NPI 1669420428 · Arizona license 010137

PROFESSIONAL SUMMARY

General orthopedic surgeon with twenty-six years in practice, with a primary focus on adult hip and knee reconstruction. Minimally invasive and revision arthroplasty, partial knee, and anatomic and reverse total shoulder. Extensive experience with robotics, navigation and augmented reality in total joint surgery. Full general orthopedic trauma call. Trained in interventional pain and peripheral neuromodulation, musculoskeletal ultrasound, and the AMA Guides to the Evaluation of Permanent Impairment. Ten years in solo private practice and three years as a hospital department chief, with working command of billing, coding, electronic health records and regulatory compliance. Currently in a direct-pay concierge orthopedic practice in North Scottsdale, Arizona, with a contracted neuromodulation service line in metropolitan Phoenix and Casa Grande.

> *Spine surgery discontinued in 2015. I continue to evaluate spine patients and perform interventional spine and pain procedures.*

CLINICAL SCOPE

Adult reconstruction

Primary and revision total hip and total knee arthroplasty. SuperPATH, direct anterior, lateral and posterior hip approaches. Unicompartmental knee arthroplasty (Oxford, cemented and cementless). Anatomic and reverse total shoulder arthroplasty. Kinematic alignment. Robotic-assisted arthroplasty (ROSA, MAKO), imageless and CT-based navigation (OrthAlign, NAVISWISS) and augmented reality guidance (ARVIS).

Sports medicine and arthroscopy

Knee, shoulder and hip arthroscopy. All-inside ACL reconstruction with allograft or quadriceps tendon autograft.

Orthopedic trauma

General orthopedic emergency call. Operative management of the full range of upper and lower extremity fractures. Does not perform pelvic or acetabular fracture surgery.

Interventional pain and neuromodulation

Peripheral nerve stimulation, spinal cord stimulation, epidural steroid injection, kyphoplasty, sacroiliac joint fusion and cryoneurolysis.

Diagnostics and medicolegal

Diagnostic and interventional musculoskeletal ultrasound for office evaluation and injection. Independent medical examinations, medical record review, impairment and disability rating, and expert medical witness testimony.

LICENSURE

STATE	NUMBER	DATES	STATUS
Arizona (osteopathic)	010137	04/05/2024 – 12/31/2026	Active, Full unrestricted
New Mexico	A-2329-20	01/21/2020 – 07/21/2028	Active, Full unrestricted
Virginia	0102202199	03/27/2008 – 10/31/2026	Active, Full unrestricted
Arizona (osteopathic)	DO 3893	04/29/2003 – 05/01/2010	Expired, not renewed
Pennsylvania	OS009241L	07/12/1996 – 10/31/2008	Expired, not renewed

Clinical service at Gallup Indian Medical Center (2016–2020) was performed at a federal Indian Health Service facility, where federal practice authority does not require licensure in the state of practice.

Arizona (osteopathic) 010137 — 04/05/2024 – 12/31/2026 — Active, full, unrestricted[1]

[1] Reinstated 04/05/2024 under a Consent Agreement (Case DO-23-0126A) whose sole terms were educational: completion of continuing education specified by the Board following the UC San Diego PACE clinical competency assessment, which I passed (October–November 2023). The agreement involved no allegation of patient harm, misconduct, or practice deficiency. The Board allowed two years for the coursework; I completed it in six months,

and on 10/23/2024 the Board issued an Order terminating the Consent Agreement and restoring the license in full, without conditions. As of this writing the Board's public profile displays the Consent Agreement but not the Termination Order; counsel (Milligan Lawless, P.C.) requested posting on 10/09/2026. The Consent Agreement, the Termination Order, and counsel's letter are available on request and accompany my credentialing applications.

BOARD CERTIFICATION

American Osteopathic Board of Orthopedic Surgery (AOBOS) — Certificate No. 1421
Initial certification 2002 · Recertified 2012 and 2022 · Current certification through 12/31/2026
Maintained by AOBOS Osteopathic Continuous Certification, including annual longitudinal assessment.

ADDITIONAL CERTIFICATIONS

Peptide Therapy Certification (C-Class) — SSRP Institute (Seeds Scientific Research & Performance) Certified 10/4/2026
Valid through 10/3/2028 · Certification examination following the Seminars in Sports and Regenerative Peptides course, Orlando, FL, September 2026

INDEPENDENT CLINICAL COMPETENCE ASSESSMENT

University of California San Diego · Physician Assessment and Clinical Education (PACE)

Clinical Competence Evaluation — in person, San Diego, CA - Pass 17 October 2023
Oral Clinical Examination, Orthopedic Surgery — case review and oral examination - Pass 10 November 2023
Oral Clinical Examination, Interventional Pain Management — case review and oral examination - Pass 3 November 2023
Completed; competence affirmed in both orthopedic surgery and interventional pain management.

Center for Personalized Education for Professionals (CPEP)

Enhanced Patient Communication: Building Compassion, Communication and Trust 14 & 21 August 2024

University of California San Diego

Medical Record Keeping Course 22–23 October 2020
Physician Prescribing Course 19–21 October 2020

EDUCATION AND TRAINING

Residency, Orthopedic Surgery 7/1/1996 – 6/30/2000
Community Osteopathic Hospital /PCOM, (now UPMC Pinnacle), Harrisburg, PA

Internship 7/1/1995 – 6/30/1996
Community Osteopathic Hospital (now UPMC Pinnacle), Harrisburg, PA

Doctor of Osteopathic Medicine 9/1/1991 – 6/4/1995
Kirksville College of Osteopathic Medicine, Kirksville, MO (now A.T. Still University – KCOM)

Bachelor of Science, Engineering (specialized in chemical and biologic engineering) 8/1/1978 – 8/9/1991
Arizona State University, Tempe, AZ

PRACTICE EXPERIENCE

Contracted Orthopedic Services — Laser Pain / Bellagio Group 9/8/2026 – Present
Metropolitan Phoenix and Casa Grande, AZ. Orthopedic evaluation and PNS / SCS service line.

AXIS Surgical Engineer — Concierge Orthopedic Practice, Private Practice 7/1/2026 – Present
9700 N 91st Street, Suite A-115, Scottsdale, AZ 85258

Not in clinical practice 6/20/2025 – 7/1/2026

Relocation to Arizona and establishment of private practice.

Rehoboth McKinley Christian Health Care System — Department of Orthopedics 12/1/2020 – 6/20/2025
Hospital employed. Red Rock Clinic, 1900 Red Rock Drive, Gallup, NM

Gallup Indian Medical Center — Chief, Department of Orthopedic Surgery 9/1/2017 – 11/6/2020
516 E Nizhoni Blvd, Gallup, NM. Supervised five orthopedic surgeons and two physician assistants.

Gallup Indian Medical Center — Locum Tenens (Medical Doctor Associates) 8/15/2016 – 8/31/2017

James River Spine & Joint — Solo Private Practice 5/1/2011 – 7/15/2016
201 Wylderose Commons, Midlothian, VA

Bon Secours Medical Group — Orthopedics 12/1/2008 – 4/30/2011
14051 St Francis Blvd, Midlothian, VA 23114

Locum Tenens (CompHealth) 2/1/2008 – 11/30/2008
Lewistown Hospital, Lewistown, PA and Russell County Medical Center, Lebanon, VA

Not in clinical practice 7/1/2007 – 2/1/2008
Practice transition from Arizona to the mid-Atlantic.

East Valley Orthopedics & Spine — Solo Private Practice 7/1/2003 – 6/30/2007
1492 S Mill Avenue, Tempe, AZ

Arlington Orthopedics — Group Practice 7/1/2000 – 6/30/2003
805 Sir Thomas Court, Harrisburg, PA

HOSPITAL AND FACILITY PRIVILEGES

FACILITY	DATES
Arizona Specialty Surgery Center, Chandler, Arizona	Credentialing in progress
Atlas-Banner University Surgery Center, Phoenix, AZ	Credentialing in progress
Virtuous Health Centers Tempe ASC, Tempe, AZ	Credentialing in progress
Rehoboth McKinley Christian Health Care Services, Gallup, NM	12/1/2020 – 6/20/2025
Gallup Indian Medical Center, Gallup, NM	8/15/2016 – 11/6/2020
Henrico Doctors Hospital – Forest and Parham, Richmond, VA	2/1/2015 – 5/31/2016
Bon Secours Memorial Regional Medical Center, Mechanicsville, VA	5/1/2010 – 4/30/2016
Charlottesville Surgery Center, Charlottesville, VA	6/1/2011 – 12/31/2015
Bon Secours St. Francis Medical Center, Midlothian, VA	12/15/2008 – 6/15/2015
John Randolph Hospital, Hopewell, VA	3/4/2013 – 10/21/2013
Russell County Medical Center, Lebanon, VA	5/1/2008 – 11/30/2008
Lewistown Hospital, Lewistown, PA	3/1/2008 – 5/31/2008
Scottsdale Healthcare, all campuses, Scottsdale, AZ	6/1/2006 – 6/30/2007
Arizona Orthopedic Surgical Hospital, Chandler, AZ	6/1/2006 – 6/30/2007
Arizona Spine & Joint Hospital, Mesa, AZ	1/1/2004 – 5/30/2006
Tempe St. Luke's Hospital (IASIS Healthcare), Tempe, AZ	7/1/2003 – 6/30/2007
PinnacleHealth Hospitals, Harrisburg, PA	7/1/2000 – 6/30/2003

LEADERSHIP APPOINTMENTS

Chair, Continuing Medical Education Committee — Rehoboth McKinley Christian HCS 8/2022 – 6/2023

Chief, Department of Orthopedic Surgery — Gallup Indian Medical Center	9/2017 – 11/2020
Chief of Surgery — Tempe St. Luke's Hospital	2005 – 2006

ACADEMIC APPOINTMENTS

Clinical Assistant Professor — Burrell College of Osteopathic Medicine	2021 – 2025
Clinical Instructor — Arizona School of Health Sciences, A.T. Still University	2003 – 2007
Clinical Instructor — Arizona College of Osteopathic Medicine, Midwestern University	2003 – 2007
Clinical Instructor — PinnacleHealth Orthopedic Surgery Residency	2000 – 2003

PROFESSIONAL SOCIETIES

American Association of Hip and Knee Surgeons (AAHKS)	Fellow Member
American Osteopathic Academy of Orthopedics (AOAO)	Active
American Osteopathic Association (AOA)	Active
International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS)	Active
International Orthopaedic Education Network (IOEN, formerly ICJR)	Active
North American Spine Society (NASS)	Associate Member

HONORS AND AWARDS

Top Doctor, Gallup, New Mexico	2022
Certificate of Appreciation for Exceptional Patient Care — Gallup Indian Medical Center	2020
Bob Green Orthopedic Excellence Award — PinnacleHealth Orthopedic Residency	2003
Orthopedic Clinical Teaching Award — PinnacleHealth Orthopedic Residency	2002
Second-highest national score — AOBOS Written Certification Examination, Orthopedic Surgery	2002
Graduated 18th of 160 — Kirksville College of Osteopathic Medicine	1995
Who's Who Among Students in American Colleges and Universities	1994
First Year Medical Student Leadership Award — Kirksville College of Osteopathic Medicine	1992
Eagle Scout, Boy Scouts of America	1976

PUBLICATIONS

Young JN, York JH. Abiotrophia causing prosthetic joint septic arthritis.
Cureus (): e. doi:10.7759/cureus. Peer-reviewed case report. February 2022

Pettine KA, York JH. A comparison of actual product volumes and retrospective clinical usage requirements between Osteocel Pro and Trinity Elite. Health-economics white paper/study evaluating the efficiency and handling metrics of two popular cellular bone matrices (CBMs) used in spinal and orthopedic surgeries: January 2016

INDUSTRY CONSULTING AND TRAINING AGREEMENTS

COMPANY	ROLE	DATES
Providence Medical — DTRAX	Consulting agreement	10/2015 – 12/2017
VG Innovations	Consulting agreement	02/2014 – 02/2015
SI-Bone	Training agreement	06/2011 – 06/2012
Spine Wave	Training agreement	02/2011 – 02/2012
Alphatec Spine	Consulting and training	02/2011 – 02/2012
TranS1	Speaking and training agreement	12/2010 – 12/2011

All agreements concluded. No current industry financial relationships.

INVITED LECTURES, PRESENTATIONS AND PROCTORING

Preceptor, orthopedic surgery rotations — Burrell College of Osteopathic Medicine	2021 – 2025
Fructosamine and pre-operative glucose management — Surgery M&M, Rehoboth McKinley CHCS	7/9/2024
Preventing infections in total joint arthroplasty — CME, Morbidity & Mortality, Rehoboth McKinley CHCS	5/5/2022
Back pain overview — CME, Family Practice Residency, Rehoboth McKinley CHCS	1/13/2022
Knee pain — CME, Family Practice Residency, Rehoboth McKinley CHCS	10/21/2021
Knee pain and unicompartmental arthroplasty — CME, Rehoboth McKinley CHCS	3/10/2021
Open fractures, compartment syndrome and gunshot injuries — Trauma Grand Rounds, Gallup Indian Medical Center	3/13/2019
Care of the orthopedic patient — four-lecture nursing series, Gallup Indian Medical Center	April 2018
Cervical disc arthroplasty versus anterior cervical discectomy and fusion; sacroiliac fusion versus conservative treatment — AOAO Postgraduate Seminar, Nashville, TN	4/28/2017
DTRAX training, lab and lecture — Providence Medical, Baltimore, MD	3/25/2017
DTRAX training, lab and lecture — Providence Medical, Frisco, TX	11/12/2016
Minimally invasive spine surgery and pelvic and lumbar parameters — Dinner with a Doc, Sheltering Arms Physical Rehabilitation Center, Glen Allen, VA	7/29/2015
SuperPATH hip replacement: the no-precautions total hip — Dinner with a Doc, Sheltering Arms Physical Rehabilitation Center, Glen Allen, VA	9/17/2014
Total knee metal sensitivity: review of the literature and treatment options — AOAO Postgraduate Seminar, Dallas, TX	5/2/2014
Cervical disc arthroplasty, MOBI-C — Richmond Surgical Assistance, Bon Secours St. Mary's Medical Center, Richmond, VA	4/5/2014
Sacroiliac fusion — VG Innovations, Tampa, FL	3/8/2014
Alternatives to total knee replacement — John Randolph Hospital, Hopewell, VA	4/25/2013
SI-Bone didactic and lab trainer — Dulles, VA	6/3/2011
Sacroiliitis: a new surgical treatment — Virginia Osteopathic Medical Association, Williamsburg, VA	4/1/2011
Lumbar spinal stenosis surgery: avoidance of problems and poor decision making — AOAO Annual Meeting, San Francisco, CA	10/23/2010
Neck and back pain — St. Francis Family Medicine Residency	10/2/2009
Total joints — Bon Secours Community Seminar, Colonial Heights, VA	4/7/2009
Commonly missed orthopedic problems — Tempe St. Luke's Family Medicine Residency	8/2005

Basic fracture care — Mesa General Hospital, interns and residents	8/2004
Commonly missed orthopedic conditions — Holy Spirit Hospital, Family Practice Department CME	4/2002
Hip fractures — Orthopedic Grand Rounds, PinnacleHealth Orthopedic Residency	3/2001

CONTINUING MEDICAL EDUCATION AND TRAINING

2026

Seminars in Sports and Regenerative Peptides (certification course), Orlando, FL	Sept 11–12, 2026
AOAO Annual Spring CME Meeting, Orlando, FL	April 23–25, 2026
Curonix Peripheral Nerve Stimulation Bioskills Course, Phoenix, AZ	Feb 28, 2026

2025

Innovations for Active Healing: Regeneration, Bone Restoration and Targeted Neuromodulation	Oct 1, 2025
Oxford Press-Fit / Cementless Partial Knee Instructional Course, Nashville, TN	June 20, 2025
TriMed Upper Extremity Trauma Seminar, Phoenix, AZ	May 16–17, 2025
AOAO Spring CME Meeting, Dallas, TX	April 3–5, 2025
ABIME — Musculoskeletal Physical Examination and Diagnostic Procedures for IME, virtual	Feb 22, 2025

2024

AOAO Annual Meeting, Boston, MA	Oct 24–26, 2024
Enovis / DJO Second Annual Revision Course in Hip and Knee Arthroplasty, Las Vegas, NV	Sept 13–14, 2024
Joint Examination Mastery for Primary Care — Mayo Clinic, online	Aug 31, 2024
ABIME — CIME/CICE Certification Examination; Advanced AMA Guides Sixth Edition Case Studies Workshop; AMA Guides Sixth Edition Training Course; Workshop on Building a Successful IME / Expert Witness Practice. Charlotte, NC	Aug 23–25, 2024
MicroPort SuperPATH surgeon training and visitation — Jimmy Chow, MD, Abrazo, Scottsdale, AZ	Aug 21, 2024
CPEP — Enhanced Patient Communication: Building Compassion, Communication and Trust, virtual	Aug 14 & 21, 2024
Navigating the Hip and Knee: Arthroplasty Fundamentals — DJO / Enovis, Chicago, IL	May 17–18, 2024
AOAO Spring Meeting, Las Vegas, NV	April 18–20, 2024
18th Annual International UCSF Orthopaedic Trauma Course, San Francisco, CA	April 4–6, 2024
IOEN Vail Arthroplasty Course, Vail, CO	Jan 11–14, 2024

2023

UCSD PACE — Oral Clinical Examination, Orthopedic Surgery	Nov 10, 2023
UCSD PACE — Oral Clinical Examination, Interventional Pain Management	Nov 3, 2023
UCSD PACE — Clinical Competence Evaluation, San Diego, CA	Oct 17, 2023
AOAO Annual Fall Meeting, The Broadmoor, Colorado Springs, CO	Oct 5–7, 2023
Joint Arthroplasty Mountain Meeting (JAMM), Park City, UT	Jan 29 – Feb 1, 2023
Musculoskeletal Ultrasound, basic and advanced — R3 Medical, Scottsdale, AZ	Jan 12–13, 2023

2022

Zimmer revision hip and knee course, New York, NY	December 2022
ICJR Revision Hip and Knee Course, Mayo Clinic, Rochester, MN	June 16–18, 2022
OrthAlign imageless computer navigation for total knee training, Gallup, NM	May 11, 2022
NAVISWISS CT-based computer navigation for total hip training, Gallup, NM	May 9, 2022
AOAO Spring CME Conference, Carlsbad, CA	April 28–30, 2022

2021

Advances in Hip and Knee Revision Arthroplasty — Zimmer Biomet, New York, NY	Dec 3–4, 2021
AOAO Annual Fall Conference, Louisville, KY	Oct 27, 2021
Advanced SuperPATH training, surgeon visitation — Jimmy Chow, MD, Phoenix, AZ	July 16, 2021
Healio Orthopedics Today CME, Maui, HI	May 2021
61st AOAO Annual Spring Meeting, Salt Lake City, UT	April 15, 2021
ICJR 13th Annual Winter Hip and Knee Course, Vail, CO	March 2021

2020

Zimmer ROSA robotic knee course, Albuquerque, NM	December 2020
Oxford Knee advanced and masters course — Zimmer Biomet, Nashville, TN	November 2020
Medical Record Keeping Course — UCSD, online	Oct 22–23, 2020
Physician Prescribing Course — UCSD, online	Oct 19–21, 2020
AOAO Annual Fall Conference, virtual	October 2020

2019

AOAO Annual Fall Conference, Colorado Springs, CO	October 2019
MicroPort SMAART Lab — SuperPATH hip and medial pivot knee, San Francisco, CA	April 12–13, 2019

2018

Zimmer Biomet Orthopedic Trauma Update: Trends in Fracture Management, New York, NY	December 2018
DJO Upper Extremity Masterminds Roundtable, Carlsbad, CA	October 2018
AOAO Annual Conference, Atlanta, GA	October 2018
Zimmer Biomet Phoenix Annual Trauma, Sports and Total Joint Seminar, Phoenix, AZ	April 2018
DJO Masterminds Roundtable, Hip and Knee Arthroplasty, Tempe, AZ	March 2018

2017

AOAO Annual Conference, Chicago, IL	October 2017
AOAO Postgraduate Seminar, Nashville, TN	April 2017
Oxford Knee advanced and masters course — Biomet, Salt Lake City, UT	February 2017

2016

AOAO Annual Meeting, Washington, DC	October 2016
Annual Cervical Excellence Summit — Providence Medical, Las Vegas, NV	September 2016
AOAO Postgraduate Meeting, Phoenix, AZ	April 2016

2015

NASS Evidence in Technology Summit, Snowbird, UT	February 2015

2014

MicroPort SuperPATH surgeons meeting, Atlanta, GA	Aug 15, 2014
MicroPort SuperPATH total hip training — Jimmy Chow, MD, Phoenix, AZ	May 12, 2014
AOAO Postgraduate Seminar, Dallas, TX	May 2–4, 2014
NuVasive Comprehensive MAS Course for Lumbar Pathologies, Hackensack, NJ	March 2014
Birmingham Hip Course, surgeon visitation — John Keggi, MD, Hartford, CT	February 2014

2013

NASS Fall Meeting and Coding Course, New Orleans, LA	October 2013
SMISS — MIS Interbody Fusion: Competencies and Challenges, Miami, FL	April 2013

ICJR South / RLO, Charleston, SC	April 2013
AOAO Annual Spring Meeting, Miami, FL	April 2013

2012

AOA / AOBOS recertification — board certification study and examination	Summer 2012

2011

AOAO Annual Meeting, Chicago, IL	October 2011
MIS Spine — ISAS, Las Vegas, NV	April 2011
Baxano iO-Flex MIS foraminotomy, Raleigh, NC	March 2011
St. Jude spinal cord stimulation training — Thomas Jefferson University Hospital, Philadelphia, PA	February 2011

2010

SI-Bone iFuse MIS sacroiliac joint fusion, Memphis, TN	November 2010
NuVasive Advanced XLIF / MaXcess TLIF Course, Paramus, NJ	November 2010
AOAO Annual Meeting, San Francisco, CA	October 2010
Biomet Anterior Supine Intermuscular Total Hip Course, Baltimore, MD	October 2010
Synthes Spine ProDisc-C Training Program, Chicago, IL	September 2010
Alphatec Spine Guided Lateral Interbody Fusion, Baltimore, MD	June 2010
AANA Hip Arthroscopy Course, Rosemont, IL	February 2010

2009

Orthovita Biologic Think Tank (bone grafting), New York, NY	November 2009
AOAO Annual Meeting, Boston, MA	October 2009
Synthes Spine Lateral Lumbar Approach — Texas Back Institute, Plano, TX	August 2009
Eastern Orthopedic Association Annual Meeting	June 2009

2007 and earlier

AOAO Annual Meeting, San Francisco, CA	October 2007
X-STOP training — Carolinas Medical Center, Charlotte, NC	September 2007
Lumbar Spinal Injections — NASS, Tucson, AZ	February 2007
NuVasive XLIF training, La Jolla, CA	September 2006
TranS1 AxiaLIF training — Barrow Neurological Institute, Phoenix, AZ	August 2006
Medtronic spinal cord stimulation training, physician visitation — John Thalgott, MD, Las Vegas, NV	June 2006
Osteopathic Orthopedic Mid-Year Meeting, Scottsdale, AZ	Spring 2006
Zimmer Spine-Tech Dynesys training course, Boca Raton, FL	November 2005
Unified Osteopathic Meeting in conjunction with AOAO, Orlando, FL	Fall 2005
AOAO Annual Meeting, San Diego, CA	Fall 2004
Spine Update — Sofamor Danek, Memphis, TN	Fall 2004
Current Controversies in Spine Surgery — DePuy, New Orleans, LA	Summer 2004
Annual Trauma Update — Zimmer, Vail, CO	Winter 2004
Kyphoplasty training — Kyphon, Portland, OR	Fall 2003
Minimally Invasive Spine Surgery — DePuy, Phoenix, AZ	Fall 2003
NASS Annual Meeting, San Diego, CA	Fall 2003
Fracture Update — Biomet / EBI, Las Vegas, NV	Fall 2003
Osteopathic Orthopedic Academy, Orlando, FL	Fall 2002
Biomet Repicci Unicompartmental Knee Course, Warsaw, IN	Summer 2002
Arthrex shoulder and knee arthroscopy, Rosemont, IL	Spring 2002
Zimmer Current Concepts in Joint Arthroplasty	Spring 2002
Sulzer Unispacer Course, Hershey, PA	Winter 2002
Sulzer Current Concepts in Joint Arthroplasty, Beaver Creek, CO	Fall 2001
Spine-Tech Update and POLAR Tech	Fall 2000
Sulzer Current Concepts in Joint Arthroplasty, Park City, UT	Winter 2000
Johns Hopkins Orthopedic Review Course, Baltimore, MD	Summer 1999

Current Concepts in Interbody Fusion: Symposium and Practical Workshop for Biologic Implants, Washington, DC	June 4–5, 1999
Advances in the Treatment of Pediatric Extremity Trauma, Scottsdale, AZ	Spring 1999
Adult Reconstructive and Trauma Update, Williamsburg, VA	Fall 1998
Anterior Lumbar Fusion with the BAK Cage — Spine-Tech workshop, Harrisburg, PA	May 1998
Spine Surgery Update, Baltimore, MD	Spring 1998
Orthopaedic Trauma Association Residents Basic Course, Louisville, KY	Fall 1997

REFERENCES

Professional references furnished on request.