Curriculum Vitæ

PERSONAL INFORMATION

Jason G. Attaman, DO, FAAPMR

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EDUCATION

1997-2002	Doctor of Osteopathic Medicine
	Chicago College of Osteopathic Medicine, Downers Grove, Illinois
1991–1994	Bachelor of Arts in English, Graduated with Honors
	University of Michigan, Ann Arbor, Michigan

POSTDOCTORAL TRAINING

2006-2007	ACGME accredited Fellowship; Pain Medicine
	Department of Anesthesiology
	Wayne State University School of Medicine, Detroit, Michigan
2003-2006	ACGME accredited Residency; Physical Medicine and Rehabilitation
	Department of Physical Medicine and Rehabilitation
	University of Michigan Health System, Ann Arbor, Michigan
2002-2003	AOA accredited Internship; Osteopathic Traditional Rotating
	Department of Post-Doctoral Training
	St. Francis Hospital, Evanston, Illinois

BOARD CERTIFICATION

2007, 2017	Diplomate & Fellow, American Board of Physical Medicine and Rehabilitation;
	certificate #8479
2007, 2017	Subspecialty Certificate in Pain Medicine, American Board of PM&R via the
	American Board of Anesthesiology; certificate #1123
2007	American Board of Electrodiagnostic Medicine; board eligible

OTHER CERTIFICATION

2017 Interventional Orthopedics Foundation <u>www.interventionalorthopedics.org</u> Level 3 certification (highest level) in Interventional Orthopedics Image-guided orthobiologic procedures in all body regions

WORK EXPERIENCE

2007-Present	Dr. Attaman, PLLC
	Interventional Pain Management and Interventional Orthopædics
	Owner & Medical Director, private practice
	Supervise and direct team of 1 Pain Medicine physician and 11 support staff
2012-2017	Sound Interventional Pain Management, PLLC
	Interventional Pain Management and Interventional Orthopædics
	Managing partner, private practice Interventional Pain Management clinic
2008-2010	Pacific Medical Centers; Seattle, Washington
	Pain Medicine Physician
	First Pain Medicine sub-specialist in a multi-specialty clinic of 144 physicians
	Built and developed the Pain Medicine department
	Specified, built and developed the Fluoroscopy suite in the ASC
	Supervised and trained staff including an ARNP, RNs, MAs, and scheduler

LICENSURE

2003	National Board of Osteopathic Medical Examiners Levels I, II, and III
9/18/2006	Michigan Board of Osteopathic Medicine and Surgery #5101015807
9/18/2006	Michigan Board of Pharmacy Controlled Substance License #5315045898
8/30/2006	DEA Controlled Substance Registration Certificate, schedules 2, 2N, 3, 3N, 4, 5
1/23/2007	Washington Osteopathic Physician & Surgeon Prescriptive License #OP00002165

HOSPITAL AND SURGERY CENTER APPOINTMENTS

- 2010 Attending Physician, Overlake Hospital, Bellevue, Washington
- 2010 Attending Physician, Multicare Hospital, Auburn, Washington
- 2010 Attending Physician, Overlake Surgery Center, Bellevue, Washington
- 2008 Attending Physician, Swedish Hospital, Seattle, Washington
- 2008 Attending Physician, Seattle Surgery Center, Seattle, Washington

COMMITTEES & LEADERSHIP

2015, 2020	Overlake Surgery Center, Bellevue, Washington (<u>www.overlakesurgery.com</u>)
	President, Board of Directors
2010-2015	Overlake Surgery Center, Bellevue, Washington
	Medical Executive Committee member

AWARDS

2019	Seattle Magazine "Top Doctor" award, elected by peers.
2019	Seattle Met "Top Doctor" award, elected by peers.
2018	Seattle Met "Top Doctor" award, elected by peers.
2017	Seattle Met "Top Doctor" award, elected by peers.
2016	Seattle Met "Top Doctor" award, elected by peers.
2015	Seattle Met "Top Doctor" award, elected by peers.
2009	"Excellence in Clinical Team Work and Quality Performance," awarded by the
	administration of Pacific Medical Centers, Seattle, Washington
2004,2006	"Superstar Physician Award" for outstanding patient satisfaction, awarded by
	inpatients of the University of Michigan Health System, Ann Arbor, Michigan

PROFESSIONAL SOCIETIES

- 2006 North American Spine Society
- 2006 International Spinal Intervention Society
- American Society of Interventional Pain Physicians 2006
- 2003 American Academy of Physical Medicine and Rehabilitation
- 2002 Association of American Physicians and Surgeons
- 1998 American Association of Orthopædic Medicine
- 1997 American Osteopathic Association
- American Academy of Osteopathy 1997

GRAND ROUNDS

- 2006 Attaman JG "Neuromodulation for Chronic Pain," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2005 Attaman JG "The Pain-Sleep Nexus," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan

LECTURES

2008	Attaman JG "Overview of Interventional Pain Management Procedures with CME
	credit," quarterly staff meeting, Pacific Medical Centers, Seattle, Washington
2008	Attaman JG "New Developments in Interventional Pain Management," board of directors
	meeting, Pacific Medical Centers, Seattle, Washington
2006	Attaman JG "Spinal Cord Vascular Anatomy and Vascular Complications of Spinal
	Procedures," Department of Anesthesiology, Wayne State University, Detroit, Michigan
2006	Attaman JG "Pain M&M: Vascular Uptake During Cervical Medial Branch Blocks,"
	Department of Anesthesiology, Wayne State University, Detroit, Michigan
2006	Attaman JG "Radiation Safety for Pain Physicians," Department of Anesthesiology,
	Wayne State University, Detroit, Michigan
2006	Attaman JG "The Pain-Sleep Nexus," Department of Anesthesiology, Wayne State
	University, Detroit, Michigan
2006	Attaman JG "Spine Anatomy Parts I&II" Department of Anesthesiology, Wayne State
	University, Detroit, Michigan
2006	Attaman JG "Pain Morbidity and Mortality," Department of Anesthesiology, Wayne State
	University, Detroit, Michigan
2006	Attaman JG "Pain Morbidity and Mortality," Department of Anesthesiology, Wayne State
	University, Detroit, Michigan
2006	Attaman JG "Pain Morbidity and Mortality," Department of Anesthesiology, Wayne State
	University, Detroit, Michigan
2005	Attaman JG "Spine Anatomy," Department of Physical Medicine and Rehabilitation,
	University of Michigan Health System, Ann Arbor, Michigan
2005	Attaman JG: "Peripheral Nerve Injuries in Musicians," Departments of Physical
	Medicine and Rehabilitation and Neurology, University of Michigan Health System, Ann
	Arbor, Michigan
2005	Attaman JG: "Applying to Pain Medicine Fellowships," Department of Physical
	Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor,
	Michigan
2005	Attaman JG, Farhat, RF: "M&M Conference," Department of Physical Medicine and
	Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan

LECTURES CONTINUED

- 2004 Attaman JG: "Occupational Low Back Pain," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2004 Attaman JG: "Dr. Ted Cole Day Lecture: Clinical Predictors of PT Outcomes in Low Back Pain Patients," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2004 Attaman JG: "Traumatic Brachial Plexopathy; Diagnosis, Surgical Intervention, and Rehabilitation," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2003 Attaman JG: "Physiotherapeutic Techniques in Stroke Rehabilitation," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2003 Attaman JG: "The History of Ritual Genital Surgery," Department of Obstetrics and Gynecology, St. Francis Hospital, Evanston, Illinois
- 2003 Attaman JG: "Roentgenographic Characteristics of Achondroplastic Dwarfism," Department of Radiology, St. Francis Hospital, Evanston, Illinois

WORKSHOP TEACHING

- 2006 Colwell MO, Attaman JG, Farhat RF, et al.: "Resident Chair and Table Trainer: Introduction to Manual Medicine," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2005 Colwell MO, Attaman JG, et al.: "Table Trainer: Introduction to Manual Medicine," Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan

MEDICAL SCHOOL TEACHING

- 2006 Supervising and teaching fellow to Wayne State University anesthesiology residents and medical students on rotation to the pain medicine service
- 2004 Attaman JG: "Gait Analysis Workshop for the Medical Student," University of Michigan Medical School, Ann Arbor, Michigan
- 2004 Supervising House Officer to University of Michigan Medical School students on clinical rotation in the Department of Physical Medicine and Rehabilitation, University of Michigan Health System, Ann Arbor, Michigan
- 2003 Supervising House Officer to University of Illinois Medical School students, Department of General Surgery, St. Francis Hospital, Evanston, Illinois

CONTINUING MEDICAL EDUCATION WORKSHOPS

- 2010 Depuy Spine: "Vertebral Body Augmentation Training With Cadaver Workshop," San Diego, California. February 4.
- 2009 Baylis Medical: "Radiofrequency Lesioning: Intervertebral Disc Biacuplasty, Sacroiliac Joint Neurotomy, and Thoracic Z-Joint Neurotomy," San Carlos, California. November 7.
- 2009 American Academy of Pain Medicine: "AAPM 25th Annual Meeting," Honolulu, Hawaii. January 28–31.
- 2008 International Spine Intervention Society: "ISIS 16th Annual Scientific Meeting," Las Vegas, Nevada. July 23–26.
- 2008 International Spine Intervention Society: "ISIS Electroneuromodulation Workshop," British Columbia, Canada. February 16–17.

CONTINUING MEDICAL EDUCATION WORKSHOPS CONTINUED

- 2007 Wayne State University and University of Michigan Schools of Medicine: "Advanced Regional Anesthesia 2007: Invasive Pain Management Techniques and Ultrasound Guided Regional Anesthesia Hands-on Workshop with Live Models and Cadavers," Detroit, Michigan. May 4–6, 2007.
- 2006 Advanced Neuromodulation Systems: "Private training in peripheral nerve field stimulation with Dr. Greaser," Fredericksburg, Virginia. October 13.
- 2006 Advanced Neuromodulation Systems: "Spinal Cord Stimulation Cadaver Workshop," Memphis, Tennessee. October 27-29.
- 2006 Medtronic: "Spinal Cord Stimulation Cadaver Workshop," Denver, Colorado. November 4-5.
- 2006 Parallax Medical, Inc.: "Percutaneous Vertebroplasty (with Cadaver and Fluoroscopy) Workshop," Ann Arbor, Michigan.
- 2004 Parallax Medical, Inc.: "Percutaneous Vertebroplasty (with Cadaver and Fluoroscopy) Workshop," Ann Arbor, Michigan. March 13.
- 2001 Fédération Internationale de Médecine Manuelle (FIMM): "13th Triennial International Congress of Integrative Manual Medicine and Workshops," Chicago, Illinois. July 23-27.
- 2001 The Cranial Academy: "Advanced Instructor Workshop with Fred Mitchell, JR, DO, FAAO, FCA," Chicago, Illinois. April 26-29.
- 2000 American Academy of Osteopathy: "2000 Annual Convocation and Manual Medicine Workshops," Cleveland, OH. March 22-26.
- 1999 American Academy of Neural Therapy: "German Neural Therapy According to Dr. Huneke Workshop with Robert Kidd, MD," Chicago, Illinois. May 7-8.
- 1999 American Association of Orthopædic Medicine: "Introduction to Prolotherapy Lectures and Cadaver Workshop," Chicago, Illinois. June 11-12.
- 1999 American Academy of Osteopathy: "1999 Annual Convocation and Manual Medicine Workshops," St. Louis, MO. March 25-28.
- 1999 Jim Jealous, DO: "Introduction to Biodynamic Osteopathy," Franconia, NH.
- 1999 Chicago College of Osteopathic Medicine: "Percussion Hammer Technique Workshop," Chicago, Illinois.
- 1998 University of Wisconsin Medical School: "The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy Cadaver and Live Patient Workshop," Madison, Wisconsin. October 12-14.
- 1998 American Academy of Osteopathy: "1998 Annual Convocation and Manual Medicine Workshops," Colorado Springs, CO. March 26-29.
- 1998 The Cranial Academy: "Basic Course in Osteopathy in the Cranial Field Workshop," Chicago, Illinois.
- 1997 Chicago College of Osteopathic Medicine: "Facilitated Positional Release Workshop with Eileen DiGiovanna, DO," Chicago, Illinois.

BIBLIOGRAPHY

- 2005 Tong HC, HO SG, Attaman JG, Geisser ME. Central Sensitization of Pressure Pain Thresholds. *Submitted to the European Journal of Pain*.
- 2005 Farhat RP, Attaman JG, Haig AJ. Electrodiagnostic Evidence of Long Thoracic Mononeuropathy After Cervical Transforaminal Epidural Injection. *Submitted to Spine*.

BIBLIOGRAPHY CONTINUED

2005 Tong HC, Attaman JG, HO SG, Geisser ME. Pain Pressure Threshold at the Low Back and the Deltoid in Subjects with Low Back Pain. Pending submission.

PAIN PROCEDURE COMPETENCY

Head: greater and lesser occipital nerve block, supraorbital nerve block, infraorbital nerve block, gasserian ganglion block, sphenopalatine ganglion block, maxillary nerve block

Neck: cervical medial branch block and radiofrequency lesioning (traditional and with CerviCool cooled radiofrequency system), cervical interlaminar epidural block, cervical epidural catheter, zygapophyseal block, superficial cervical plexus block

Thorax: thoracic interlaminar epidural, thoracic transforaminal block, thoracic paravertebral block, thoracic medial branch block and radiofrequency lesioning (traditional and with ThoraCool cooled radiofrequency system), vertebroplasty, thoracic intraarticular zygapophyseal joint blocks, intercostal nerve block under fluoroscopy with contrast, intercostal neurolysis and radiofrequency lesioning

Lumbar: transforaminal epidural blocks, selective nerve root blocks, interlaminar epidural blocks, transforaminal lateral recess blocks, medial branch blocks and radiofrequency lesioning (traditional and with LumbarCool cooled radiofrequency system), intraarticular zygapophyseal joint blocks, pulsed radiofrequency of the dorsal root ganglion, pars defect blocks, hardware screw blocks, vertebroplasty, discography, functional anesthetic discography, Baylis TransDiscal cooled radiofrequency biacuplasty, percutaneous intradiscal coblation nucleoplasty, caudal epidural block, lumbar epidurolysis (Racz technique), sacroiliac joint injection and radiofrequency lesioning (traditional and Baylis SInergy cooled radiofrequency system), intradiscal ozone chemonucleolysis.

Joint Injections: shoulder joint injection, subacromial injection, olecranon bursa injection, hip injection under fluoroscopy, knee injection, trochanteric bursa injection under fluoroscopy, ischial bursa injection, knee injection, ankle joint injection, acromioclavicular joint block, pubic symphysis block under fluoroscopy, xiphisternal block under fluoroscopy

Peripheral Nerve Blocks: suprascapular nerve block and pulsed radiofrequency, median nerve block at the wrist, ulnar nerve block at the wrist, digital nerve block, axillary block with nerve stimulation and ultrasonic guidance, superficial cervical plexus block, ilioinguinal nerve block and pulsed radiofrequency, lateral femoral cutaneous block, genitofemoral nerve block, common peroneal nerve block, genital nerve block, saphenous nerve block, ankle block, pudendal nerve block, pulsed radiofrequency treatment of the pudendal nerve, radiofrequency neurotomy of the genicular nerves (traditional and Coolief cooled radiofrequency system).

Sympathetic System: stellate ganglion block, T2 and T3 thoracic sympathetic block, splanchnic block and neurolysis, celiac plexus block and neurolysis, lumbar sympathetic block and radiofrequency lesioning, hypogastric plexus block and neurolysis, ganglion impar block

Implantable Devices: spinal cord and peripheral nerve field stimulator percutaneous trial and surgical implantation, spinal cord stimulation of the conus medullaris for chronic pelvic pain, intrathecal pump trial, and surgical implantation, tunneled epidural and intrathecal catheters, continuous peripheral nerve catheters

Cryoablation Procedures of all nerves Ultrasound guided pain procedures of all types Prolotherapy under fluoroscopic guidance Osteopathic Manual Medicine German Neural Therapy under fluoroscopic guidance

ORTHOBIOLOGIC PROCEDURE COMPETENCY

Fully certified by the International Orthopedics Foundation (IOF) in orthobiologic procedures such as platelet rich plasma and bone marrow concentrate injections to the following structures:

Knee: Intra-articular with ultrasound (supra-patellar pouch), Intra-articular with fluoroscopy, patellar tendon with ultrasound, quadriceps tendon with ultrasound, lateral compartment through patella-femoral joint with ultrasound, lateral compartment through patella-femoral joint with fluoroscopy, medial collateral ligament, meniscus, and coronal ligaments with ultrasound, lateral collateral ligament to fib head, meniscus, popliteus, biceps femoris with ultrasound, distal iliotibial band insertion with ultrasound, Baker's cyst drainage with ultrasound, posterior medial corner structures (meniscus, pes anserine tendons, meniscus hamstrings insertions) with ultrasound, medial-lateral retinaculum and POL (posterior oblique ligament) with ultrasound, anterior cruciate ligament with ultrasound, anterior cruciate ligament with ultrasound, medial and lateral femoral condyle bone access, medial and lateral tibial bone access

Hip: intra-articular with fluoroscopy, intra-articular with ultrasound, labrum and hip capsular ligaments (iliofemoral, pubofemoral, ischiofemoral) with ultrasound, anterior superior and posterior facets of greater trochanter with ultrasound, proximal iliotibial band with ultrasound, posterior-lateral iliac crest muscle origins with ultrasound, anterior superior iliac spine and associated muscle origins with ultrasound, adductor group tendons with ultrasound, hamstrings origin with ultrasound, femoral nerve block, femoral bone access with fluoroscopy, acetabulum bone access with fluoroscopy, hip intra-articular hydrodilation, ligamentum teres under fluoroscopy

Shoulder: intra-articular with ultrasound, intra-articular with fluoroscopy, sub-deltoid with ultrasound, acromioclavicular joint intra-articular with ultrasound, acromioclavicular joint intra-articular with fluoroscopy, supraspinatus, infraspinatus/teres, subscapularis, biceps tendon, coracoacromio/ coracoclavicular ligaments and superior glenohumeral ligament , acromioclavicular joint intra-articular, middle glenohumeral ligament/inferior glenohumeral ligament/posterior capsule with labrum, suprascapular nerve block, shoulder intra-articular hydrodilatation, humerus bone augmentation / intraosseous, superior labrum with ultrasound and fluoroscopy, Interscalene supraclavicular nerve block with ultrasound

Ankle: Ankle tibiotalar joint with ultrasound & fluoroscopy, lateral ankle ligaments (anterior talofibular ligament, calcaneofibular, posterior talofibular ligament) with ultrasound, high lateral ankle ligaments with ultrasound, peroneal tendons (longus and brevis), anterior/posterior tibialis tendon, achilles tendon, tibial nerve block, tibial nerve hydrodissection with ultrasound, deltoid ligament with ultrasound, subtalar joint injection with ultrasound, subtalar joint fluoroscopy, talus bone injection with fluoroscopy

Foot: metatarsalphalangeal joints with ultrasound, metatarsalphalangeal joints with fluoroscopy, plantar fascia with ultrasound, plantar fascia with fluoroscopy, flexor hallucis longus with ultrasound, flexor digitorum longus with ultrasound, digital nerve block with ultrasound, dorsal capsular ligaments of metatarsalphalangeal joints with ultrasound, extensor hallucis longus with ultrasound, extensor digitorum longus with ultrasound, plantar capsular ligaments with ultrasound, plantar plate with ultrasound, sesamoid with ultrasound, talo-navicular under ultrasound, talo-navicular under fluoroscopy, calaneo-cuboid under ultrasound, calaneo-cuboid under fluoroscopy

Elbow: elbow joints with ultrasound and fluoroscopy (radiohumeral and humeroulnar), medial and lateral epicondyle with ultrasound, ulnar collateral ligament with ultrasound, radial collateral ligament/lateral collateral ligament with ultrasound, radial annular ligament, biceps insertion, triceps tendon insertion, ulnar nerve hydrodissection with ultrasound

Hand/Wrist: intercarpal with ultrasound , intercarpal with fluoroscopy, digit intra-articular (metacarpophalangeal joint, proximal interphalangeal joint, distal interphalangeal joint) with ultrasound, Digit intra-articular (metacarpophalangeal joint, proximal interphalangeal joint, distal interphalangeal joint) with fluoroscopy, carpometacarpal intra-articular with ultrasound, carpometacarpal intra-articular

ORTHOBIOLOGIC PROCEDURE COMPETENCY CONTINUED

with fluoroscopy, carpometacarpal capsular ligaments with Ultrasound, radial, median, ulnar nerve blocks with ultrasound, digit capsular ligaments with ultrasound, flexor tendons with ultrasound, extensor pollicis brevis and abductor pollicis longus tendons with ultrasound, scapholunate ligament with ultrasound, 360 degree wrist ligaments with ultrasound, median, ulnar, radial nerve hydrodissection with ultrasound, flexor tendon sheath hydrodilatation with ultrasound, triangular fibrocartilage (TFCC) complex, RUC/DUC ligaments with ultrasound, radial collateral ligament with ultrasound

Spine: C2-C7 facets under fluoroscopy, C2-C7 facets under ultrasound, Cervical supraspinous/ interspinous ligaments under ultrasound, Cervical epidurals (interlaminar or transforaminal) under fluoroscopy, greater and lesser occipital nerves under ultrasound, thoracic intra-articular facets under fluoroscopy, thoracic costovertebral facets under fluoroscopy, thoracic costovertebral facets under ultrasound, intercostal nerves under fluoroscopy, intercostal nerves under ultrasound, thoracic supraspinous/interspinous ligaments under ultrasound, lumbar facets under fluoroscopy, lumbar facets under ultrasound, lumbar supraspinous/interspinous ligaments under ultrasound, Lumbar iliolumbar ligaments under fluoroscopy, caudal epidurals (interlaminar or transforaminal) under fluoroscopy, caudal epidural under fluoroscopy, caudal epidural under ultrasound, sacroiliac joint under fluoroscopy, sacroiliac joint ligaments under fluoroscopy, intervertebral disc injection.

ELECTRODIAGNOSTIC PROCEDURES

Electromyography Nerve Conduction Studies •Over 200 *complete* electrodiagnostic studies performed during residency •All studies supervised by Diplomates of the American Board of Electrodiagnostic Medicine

INVENTIONS/PATENTS

2016 Novel Interventional Pain Management Needle, Patent Pending

MISCELLANEOUS

Born in USA