

CURRICULUM VITAE

NAME: Stephen Derrington, DO

POSITION:

2016-current Regenerative Interventional Orthopedics- Health Link Medical Center

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EDUCATION:

2000-2004 Macalester College B.A. Neuroscience Studies

2006-2011 Kansas City University of Medicine and Biosciences (KCUMB) D.O.

2009-2010 Kansas City University of Medicine and Biosciences Undergraduate Fellowship: Osteopathic Manipulative Medicine

2011-2012 Wellington Regional Medical Center Traditional Rotating Internship

2012-2015 Thomas Jefferson University Hospital Residency: Physical Medicine and Rehabilitation

2015-2016 Marko Bodor, Inc. Fellowship: Interventional Spine, Sports and Regenerative Medicine

OTHER PROFESSIONAL EMPLOYMENT:

2004-2006 Laboratory Technician, Department of Pharmacology. University of Minnesota- Twin Cities. Principal Investigator: Stanley Thayer, PhD

2019-current Interventional Orthopedics Foundation- course instructor

PROFESSIONAL LICENSES:

2015-2017 Pennsylvania OS017332

2015-2019 California 20A14038

BOARD CERTIFICATION:

American Board of Physical Medicine and Rehabilitation #11863 valid until 2026

CERTIFICATIONS:

Fluoroscopy X-Ray Supervisor and Operator- CA #RHC 00202244 valid until 8/31/2020

ACLS- valid through 9/06/2020

HONORS AND AWARDS:

2013, 2014, 2015 Resident Award for Exemplary Medical School Teaching, Thomas Jefferson University Hospital

HOSPITAL AND ADMINISTRATIVE APPOINTMENTS:

2013-2015 Senior Medical Student Liaison
2014-2015 Chief Resident for Program Development

ACADEMIC COMMITTEES:

2012-2014 Jefferson Medical College PMR Student Interest Group Liaison

KEYWORDS/AREAS OF INTEREST:

Interventional Orthopedics, Interventional Spine and Sports Medicine, Regenerative Medicine, Musculoskeletal Ultrasonography, Exercise Physiology, Biomechanics, Electrodiagnosis.

PROFESSIONAL ACTIVITIES:

SUMMARY OF CLINICAL ACTIVITIES

My focus when seeing a patient includes diagnosing and fixing complex orthopedic and neurologic problems. I educate patients on ways to solve their problems with exercise and regenerative injections.

I perform high-resolution diagnostic musculoskeletal ultrasound to diagnose musculoskeletal and neurological conditions. I also perform a variety of image-guided diagnostic and therapeutic interventions using fluoroscopic and ultrasound guidance. Fluoroscopic procedures include cervical, thoracic, and lumbar epidural injections, intra-articular facet joint injections, lumbar and thoracic intradiscal injections, and sacroiliac joint injections. Ultrasound-guided procedures include large and small joint injections and aspirations, soft tissue injections into tendons, ligaments, menisci, labrum, bursae, carpal tunnel injections, trigger finger injections, caudal epidural injections, sacroiliac joint/ligament injections, and cervical facet joint injections. Injectate may include platelet and/or bone marrow stem cell based preparations, physiologic doses of anti-inflammatory medicines, and/or prolotherapy.

PROFESSIONAL ORGANIZATIONS

American Academy of Physical Medicine and Rehabilitation, member since 2011
Spine Intervention Society, member since 2013
North American Spine Society, member since 2014
American Institute of Ultrasound in Medicine, member since 2014
American Medical Society for Sports Medicine, member since 2014
American Osteopathic College of Physical Medicine and Rehabilitation, member since 2014
Interventional Orthopedic Foundation, member since 2016

SERVICE TO PROFESSIONAL PUBLICATIONS

Reviewer for *PMR* (3 papers)

CME COURSES ATTENDED

- 2011 - AAPMR Annual Meeting, Orlando, FL
- 2013 - AAPMR Annual Meeting, Washington, D.C.
- Orthotics and Gait Course, Moss Rehabilitation Hospital
- 2014 - AAPMR Annual Meeting, San Diego, CA
- Orthotics and Gait Course, Moss Rehabilitation Hospital
- Penn Prosthetics Course, University of Pennsylvania
- 2015 - 42nd Annual Course in Electrodiagnostic Medicine, Thomas Jefferson University Hospital
- University of California- Berkeley Diagnostic Ultrasound Course, Berkeley, CA
- 22nd Annual Napa Pain Conference, Meritage Resort, Napa, CA
- SIS Clinical Anatomy & Imaging of the Spine course, Ft. Worth, TX
- 2016 - San Francisco Giants Sports Medicine Conference, San Francisco, CA
- 2017 - Interventional Orthopedic Foundation Annual Conference, Broomfield, CO
- Interventional Orthopedic Foundation Hip and Knee Level III course, Broomfield, CO
- Interventional Orthopedic Foundation Super Course (Shoulder, Elbow, Wrist, Hand, Ankle, Foot, Lumbar Level III), Broomfield, CO
- Spine Intervention Society Annual Meeting, San Francisco, CA
- 2018 - Interventional Orthopedic Foundation Annual Conference, Broomfield, CO
- Percutaneous Regenerative Arthroscopy for the Knee Bioskills Lab2, Broomfield, CO
- 2019 - Interventional Orthopedic Foundation Annual Conference, Broomfield, CO
- San Diego ARTs Pre Conference- Regenerative Medicine Applications with Microfat and Nanofat

PUBLICATIONS

Pottorf WJ, Johans TM, Derrington SM, Strehler EE, Enyedi A, Thayer SA. (2006) Glutamate-Induced Protease Mediated Loss of Plasma Membrane Ca²⁺ Pump Activity In Rat Hippocampal Neurons. *Journal of Neurochemistry*, 98, 1646-1656.

Dougherty J, Kancel A, Ramar C, Meacham C, Derrington S. (2011) The Effects of Multi-Axis Balance Board Intervention in an Elderly Population. *Journal of the Missouri State Medical Association*. 108:2, 128-132.

Greis AC, Derrington SM, McAuliffe M. (2015) Evaluation and Non-Surgical Management of Rotator Cuff Calcific Tendinopathy. In: FM Wodajo (Ed.), *Orthopedic Clinics of North America* (293-302). Philadelphia, PA: Elsevier Health Sciences.

McAuliffe MB, Derrington SM, Nazarian LN (2016) Evidence for Accuracy and Effectiveness of Musculoskeletal Ultrasound-Guided Compared with Landmark-Guided Procedures. In: NA Segal (Section Ed.), *Current Physical Medicine and Rehabilitation Reports* (1-7). New York, NY: Springer US.

BOOK CHAPTERS AND NON-PEER REVIEWED PUBLICATIONS

Simon JS, Derrington SM, Armstrong JS. Lumbar Transforaminal and Interlaminar Epidural Steroid Injection. *Spine Surgery: Tricks of the Trade, 3E*. Vaccaro AR and Albert TJ (Ed.) 2016. Print.

PEER-REVIEWED POSTER PRESENTATIONS AND ABSTRACTS

Dalal P, Derrington S, Greis A. Recurrent Long Thoracic Neuropathy: Parsonage-Turner Syndrome vs Entrapment. A case report. *PM&R*. Vol. 6 Iss 9, 2014. S211. Presented at AAPMR Annual Assembly, San Diego, CA, October 4th, 2014.

LECTURES AND TEACHING EXPERIENCE:

1. "Introduction to Physical Medicine and Rehabilitation" Jefferson Medical College PMR Interest Group Lecture, Jefferson Medical College. October 10, 2012 and October 23, 2013.
2. Medical student education of 3rd and 4th year Jefferson Medical College and visiting medical students during inpatient rotations. 2012-2015.
3. "Scapular Dyskinesia" Grand Rounds Presentation, Department of Rehabilitation Medicine, Thomas Jefferson University Hospital. May 29, 2013. Philadelphia
4. Gross Anatomy Lab Teaching. Jefferson Medical College. 2013-2014. Philadelphia
5. "Introduction to Osteopathic Medicine" Undergraduate Interdepartmental Interclerkship: A Multi-Specialty Approach to Pain. Jefferson Medical College. September 30, 2013. Philadelphia
6. "Evaluation of an Interdisciplinary Program for Chronic Pain After Spinal Cord Injury" Journal Club Presentation. Department of Rehabilitation Medicine, Thomas Jefferson University Hospital. January 8, 2014. Philadelphia
7. "Rotator Cuff Calcific Tendinopathy" Grand Rounds Presentation, Department of Rehabilitation Medicine, Thomas Jefferson University Hospital. April 16, 2014. Philadelphia
8. "Platelet-Rich Plasma for the Intervertebral Disc" Grand Rounds Presentation. Department of Rehabilitation Medicine. Thomas Jefferson University Hospital. June 10, 2015. Philadelphia