**David James Haustein, M.D.**

Louisville, Kentucky

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(502) 759-8447

**EDUCATION**

06/2000 B.S. in Chemistry (summa cum laude), Harding University, Searcy, AR

06/2005 M.D., University of Missouri School of Medicine, Columbia, MO

06/2009 Physical Medicine and Rehabilitation, University of Missouri, Columbia, MO

Ongoing Master of Business Administration program, Bellarmine University, Louisville, KY

**ACADEMIC APPOINTMENTS**

2010-2013 Clinical Instructor

2013-2017 Assistant Clinical Professor

2017-Present Associate Clinical Professor

Division of Physical Medicine and Rehabilitation

Department of Neurological Surgery

University of Louisville School of Medicine

Louisville, Kentucky

**OTHER POSITIONS AND EMPLOYMENT**

2009-Present Staff Physician

Physical Medicine and Rehabilitation

Robley Rex VA Medical Center

Louisville, Kentucky

2014-2018 Section Chief

Physical Medicine and Rehabilitation

Robley Rex VA Medical Center

Louisville, Kentucky

2015-Present Owner

Premier Medical, PLLC

Louisville, Kentucky

2017-Present Associate Program Director

Division of Physical Medicine and Rehabilitation

Department of Neurological Surgery,

University of Louisville School of Medicine

Louisville, Kentucky

**STATE LICENSURE**

2005-2009 State of Missouri Medical License

2009-Present Commonwealth of Kentucky Medical License

2013-Present Medical Board of California Medical License

2017-Present Indiana Medical Licensing Board

**SPECIALTY CERTIFICATIONS**

2010-Present Diplomate, American Board of Physical Medicine and Rehabilitation

2011-Present Diplomate, American Board of Electrodiagnostic Medicine

2012-Present Certificate of Added Qualification (CAQ) Neuromuscular Medicine,

American Board of Physical Medicine and Rehabilitation

**PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

Fellow, American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM)

2013-2017 Electrodiagnostic Self-Assessment Examination (EDX SAE) Committee

2015-2016 News Science Editorial Board

2017-Present American Board of Electrodiagnostic Medicine (ABEM) Examination Committee

Fellow, American Academy of Physical Medicine and Rehabilitation (AAPM&R)

2015 PM&R Journal Peer Reviewer

2015-Present Self-Assessment Examination Committee

2015-Present Medical Rehabilitation Editorial Board for PM&R Knowledge NOW

2017-Present Program Planning Committee for the Annual Assembly

Diplomate, American Board of Electrodiagnostic Medicine (ABEM)

Diplomate, American Board of Physical Medicine and Rehabilitation (ABPMR)

2015 Oral Examiner for Part II of the board exam

2016 Oral Examiner for Part II of the board exam

2017 Oral Examiner for Part II of the board exam

Diplomate, Association of Academic Physiatrists (AAP)

1. Residency and Fellowship Program Director’s Workshop

2017-Present Residency and Fellowship Program Directors (RFPD) Council

2017-Present Program for Academic Leadership (PAL) member

Three year physician-administrator training program

Member, Kentucky Bluegrass Chapter of HIMSS

2016-2017 Informatics Committee

Member, American Medical Informatics Association (AMIA)

Member, Institute for Healthcare Improvement (IHI)

Member, American College of Healthcare Executives (ACHE)

Member, Kentucky American College of Healthcare Executives Chapter

Member, Healthcare Information and Management Systems Society (HIMSS)

Member, International Society of Physical and Rehabilitation Medicine (ISPRM)

**Electronic Health Record (EHR/EMR) Experience**

2001-2009 Cerner Powerchart clinical end user

2003-Present CPRS and VISTA clinical end user

2017-Present Allscripts clinical end user

2017 Epic clinical end user Training

**Informatics Experience**

2009-Present VA Telehealth Physician for polytrauma and amputee clinics

2016 AMIA Chief Medical Informatics Officer (CMIO) Bootcamp

2016 Fellow, National Library of Medicine’s Georgia Biomedical Informatics Course

2016 VA Health Informatics Certificate Program (AMIA 10x10)

2016-Present Ad hoc member, Robley Rex VA Medical Center Informatics Committee

2017 Update in Health Information Technology: Healthcare Data Analytics through Office of the National Coordinator (ONC)/Oregon Health & Science University (OHSU)

2017 Reviewer of the PM&R Supplement CME questions on Informatics

2017-Present VHA Field Health Informatics Council

**HONORS AND AWARDS**

1996-2000 American Studies Distinguished Scholar

1996-2000 Harding University Trustee Honors Scholar Program

1996-2000 Harding University Trustee Scholarship, full tuition merit-based scholarship

1997-2000 Alpha Chi National College Honor Society

2001-2002 MU Medical Student Scholarship

2005 Leonard Tow Humanism in Medicine Student Award

2005 Samuel W. Black Prize for Excellence in Neurosurgery

2005 Howard A. Rusk Memorial Student Scholarship

2010 Robley Rex VA Special Service Award

2011 Robley Rex VA Team Customer Service Award – Telepolytrauma Specialty Care Team

2011-2012 Outstanding Teacher Award, University of Louisville Division of PM&R

2012 Robley Rex VA Rehab Medicine Star of the Quarter Award

2015 Department of Veterans Affairs Physical Medicine and Rehabilitation Leadership Mentoring Program

2015-2016 Outstanding Teacher Award, University of Louisville Division of PM&R

2016 VA Lean Healthcare White Belt

2016 VA Lean Healthcare Yellow Belt

2016 VA Lean Healthcare Green Belt

**COMMITTEE ASSIGNMENTS**

**Robley Rex VA Medical Center**

2009-2016 Member, PAVE Committee

2012-2014 Member, High Cost Equipment Committee

2014 Member, Opioid Safety Committee

2012-2018 Chairman, Home Improvements and Structural Alterations (HISA) Grant Committee

2012-2018 Member, Architecture and Engineering Rehabilitation Subcommittee for the New Louisville VA Medical Center

2012-2018 Chairman, Major Medical Equipment Committee

2016-Present Ad hoc Member, Informatics Committee

**University of Louisville Division of Physical Medicine and Rehabilitation**

2017-Present Member, PM&R Academic Committee

2017-Present Member, Program Evaluation Committee

2017-Present Member, Promotion and Tenure Committee

2017-Present Member, Clinical Competency Committee

**University of Louisville Physicians**

2018-Present Ad hoc Member, Clinical Optimization Steering Committee

**EDUCATIONAL PRESENTATIONS**

**University of Louisville PM&R Resident Lecture Series**

03/09/2012 NCS/EMG: Upper Extremity Pathology and Evaluation

03/15/2013 NCS/EMG: Upper Extremity Pathology and Evaluation

04/26/2013 Amyotrophic Lateral Sclerosis

03/26/2014 NCS/EMG: Upper Extremity Pathology and Evaluation

01/09/2015 NCS/EMG: Upper Extremity Pathology and Evaluation

01/15/2016 NCS/EMG: Upper Extremity Pathology and Evaluation

01/15/2016 Upper Extremity Jeopardy

08/11/2017 Musculoskeletal Ultrasound Workshop

10/06/2017 Interventional Musculoskeletal Ultrasound Workshop

10/13/2017 NCS/EMG 101: The Basics

11/03/2017 Fresh Tissue Lab: Interventional Ultrasound

12/01/2017 Musculoskeletal Ultrasound Workshop: Shoulder

01/05/2018 Musculoskeletal Ultrasound Workshop: Knee

02/02/2018 Musculoskeletal Ultrasound Workshop: Ankle

**University of Louisville PM&R Grand Rounds**

04/27/2012 New Advances in EMG: The Intersection with Ultrasound

06/13/2014 Neuralgic Amyotrophy

09/26/2014 Carpal Tunnel Syndrome

10/14/2016 Multidisciplinary Care of Patients with ALS

**Regional/National Presentations, Panels and Workshops**

04/01/2013 Disorders of the Peripheral Nervous System

Harding University Physical Therapy Doctoral Program

Searcy, AR

04/01/2013 Electrodiagnosis: Nerve Conduction Studies and EMG

Harding University Physical Therapy Doctoral Program

Searcy, AR

10/25/2013 Health Science Alumni Panel

Harding University Health Sciences Program

Searcy, AR

10/23/2015 Health Science Alumni Panel

Harding University Health Sciences Program

Searcy, AR

02/08/2017 EMG Faculty

Resident/Fellow Workshop

Association of Academic Physiatrists Annual Meeting

Las Vegas, NV

**Local Presentations**

02/25/2014 NCS/EMG for the Hand Fellow

Robley Rex VAMC Hand Surgery team

Louisville, Kentucky

01/06/2016 ALS: An Overview

Robley Rex VAMC ALS Multidisciplinary Clinic Team

Louisville, Kentucky

10/11/2016 The Association of Guillain-Barré Syndrome and the Zika Virus

Applied Business Statistics/Statistics for Health Administration

Webster University

Louisville, Kentucky

04/26/2017 Telehealth Amputee Clinic: An Introduction

Robley Rex VAMC Telehealth Team

Louisville, Kentucky

08/17/2017 Caring for Persons with ALS at Home

BrightStar Care Monthly Conference

Louisville, Kentucky

01/20/2018 Generational Differences in the Workforce

Bellarmine University

Louisville, Kentucky

**Clinical Teaching and Site Director Responsibilities**

2009-2012 VA Medical Center Attending Physician

* Served as an attending physician for PM&R residents and medical students to learn skills in outpatient PM&R clinics, including electrodiagnostics, polytrauma, SCI, and amputee clinics and botulinum toxin injections for spasticity and dystonia.
* Recognized by the residents and faculty with the Outstanding Teacher Award in 2011-2012

2012-2018 VA Medical Center PM&R Residency Site Director

* Set up and direct the following VA rotations and electives:
  + Novice EMG (PGY-2)
  + Intermediate EMG (PGY-3)
  + Advanced EMG (PGY-4)
  + Pain Rotation (PGY-3)
  + VA Clinics (PGY-3)
  + PM&R clinics for Pain Fellows (PGY-5)
  + EMG clinic for Sports Medicine fellow (PGY-5)
* Implemented a daily structured didactic time for the residents with an emphasis on electrodiagnostics
* Oversee resident clinical education and attending coverage in the EMG lab, rehabilitation medicine, polytrauma, SCI and hand clinics as well as the multidisciplinary amputee and ALS clinics
* Provide daily oversight of residents in clinical activities and development and assessment of their competencies related to outpatient practice and procedures
* Facilitated engagement of residents in scholarly activities through 5 poster presentations, 6 online articles and one book chapter in the last two years.
* Successfully applied for first an additional VA funded PM&R resident position and then its conversion from a temporary to permanent position
* Supported the development of an additional pain fellowship position located within the pain clinic under the PM&R section.
* Recognized by the residents and faculty with a second Outstanding Teacher Award in 2015-2016

**Faculty Advisor/Preceptor Roles**

2015-2016 Clinical Advisor

Doctoral Nursing Program

University of Alabama-Birmingham

* Mentor and collaborate with Barbara Huffines, a VA PM&R nurse practitioner, in her doctoral program and research project

2015-Present Faculty Advisor

Physical Medicine and Rehabilitation Residency Program

University of Louisville

* Mentor to the following resident physicians regarding both personal and professional development during their residency training:
* Jessica Urzen, DO (2015-2017)
* Clinton Johnson, DO (2017-present)
* Sushil Singla, MD (2017-present)

2017 Faculty Preceptor

Master of Health Care Administration Program

Des Moines University

* Serve as an advisor to Dr. Clinton Johnson, an MHA candidate, in his capstone project to analyze process improvements in bedside delivery of discharge medications from an acute inpatient rehabilitation facility

**CLINICAL ACTIVITIES**

2009-2014 Physical Medicine and Rehabilitation Physician

* Provided electrodiagnostic (NCS/EMGs) consultation, specializing in the diagnosis and management of nerve and muscle disorders
* Offered conservative treatment of peripheral nerve and musculoskeletal conditions, including neuromuscular ultrasound
* Led the interdisciplinary amputee clinic team and power mobility programs
* Served as a consulting physician for both inpatient and outpatient neurologic, orthopedic and medical rehabilitation, including spinal cord injuries and traumatic brain injuries/polytrauma
* Initiated a rehabilitation medicine outpatient clinic, including EMG and ultrasound guided botulinum toxin injections for dystonia and spasticity
* Served in the multidisciplinary hand clinics and wound clinics

2014-2018 Section Chief, Physical Medicine and Rehabilitation, Robley Rex VA Medical Center

* + - Lead a 20-member rehabilitation section, including physical medicine and rehabilitation, polytrauma and spinal cord injury clinic, an interdisciplinary pain clinic, physical and occupational therapy, adaptive technology and exercise physiology.
    - Site director for the physical medicine and rehabilitation residency program at the VA, with a focus on electrodiagnostic education
    - Created a multidisciplinary ALS clinic to serve the veterans of the Louisville VA, including PM&R, palliative care, PT, OT, SLP, social work, adaptive technology, nutrition and respiratory therapy
    - Medical director for the multidisciplinary amputee clinic, major medical equipment, auto adaptive equipment, and specialty wheelchair/power mobility programs
    - Lead physician for the home improvement structural alterations (HISA) grant program
    - Successful recruitment and retention of a pain management physician and an additional physiatrist for our department
    - Expansion of services in our department to include ultrasound-guided musculoskeletal injections and dry needling by our physical therapists
    - Led the facility in consolidating the PM&R and neurology EMG labs within a 6 month period
    - Lead physician for integrating the EMG lab with the VA’s electronic health record (VistA Imaging)

**RESEARCH**

2006-2008 Evaluating Quality of Discharge Information Received at an Inpatient Rehabilitation Facility

Rusk Rehabilitation Center & University of Missouri, Columbia, Missouri

2015-2016 Low Back Pain Treated with Chiropractic Manipulations in Veterans: Is There a Relationship Between Illness Perceptions and Pain Rating Scores?

Robley Rex VA Medical Center

**EDITORIAL RESPONSIBILITIES**

2015 Peer Reviewer

PM&R: The journal of injury, function and rehabilitation

AAPM&R

2015-2016 News Science Editorial Board

AANEM

2015-Present Medical Rehabilitation Editorial Board

PM&R Knowledge NOW

AAPM&R

**POSTER PRESENTATIONS**

**National Meetings**

1. Evaluating quality of discharge information received at an inpatient rehabilitation facility.

Association of Academic Physiatrists

2008 Annual Meeting

Anaheim, California

1. Brachial Neuritis: A Case of Delayed Diagnosis

Association of Academic Physiatrists

2016 Annual Meeting

Sacramento, California

1. Roadmap for Integrating an EMG Machine with the EMR

American Medical Informatics Association Annual Symposium

2016 Annual Symposium

Chicago, Illinois

1. Musculocutaneous Neuropathy due to PICC line insertion: A Case Report

Association of Academic Physiatrists

2017 Annual Meeting

Las Vegas, Nevada

1. Prolonged Neurologic Symptoms Following Median Sternotomy: A Case Report

Association of Academic Physiatrists

2017 Annual Meeting

Las Vegas, Nevada

1. Incomplete Recovery of Post-Sternotomy Plexopathy: A Case Report

American Academy of Physical Medicine and Rehabilitation

2017 Annual Assembly

Denver, Colorado

1. Musculocutaneous Neuropathy due to PICC Line Insertion: A Case Report

American Academy of Physical Medicine and Rehabilitation

2017 Annual Assembly

Denver, Colorado

1. Characteristics of Matched Applicants at Categorical Versus Advanced PM&R Residency Programs

Association of Academic Physiatrists

2018 Annual Meeting

Atlanta, Georgia (accepted for PAL poster presentation)

1. Integrating an EMG Machine with the VA’s EMR

Healthcare Information and Management Systems Society (HIMSS)

2018 Conference

Las Vegas, Nevada (accepted for poster presentation)

**PUBLICATIONS**

1. Fitzpatrick KF, Angus EJ, Dimberg EL, Fee DB, Feinberg J, Grover KM, **Haustein DJ**, Kushlaf HA, Liang CL, Malhotra G, Manzi SM, Silvestri NJ, Vu TH, West M, Witt AL. *2014 Electrodiagnostic Self-Assessment Examination.* American Association of Neuromuscular and Electrodiagnostic Medicine. Rochester, MN. 2014.
2. Barker KDD, Campea S, Carlson HL, Crooks CY, Gonzalez PG, Gustafson KA, Hakimi KN, **Haustein DJ**, Henning T, Lie-Nemeth TJ, Mayer MP, Miciano AS, Singh V, Verduzco-Gutierrez M, Zumsteg JM. 2015 SAE-P: Physiatric Applications of Stem Cell Therapies in Regenerative Treatments of Musculoskeletal Conditions, *PM&R*, 2015; Vol 7 (2): Supplement.
3. Phelan AH, Patel AT, Barker KD, Campea S, Carlson HL, Crooks CY, Gonzalez PG, Gustafson KA, Hakimi KN, **Haustein DJ**, Henning T, Lie-Nemeth TJ, Mayer MP, Miciano AS, Singh V, Verduzco-Gutierrez M, Zumsteg JM. 2015 SAE-P: Current Concepts in Physiatric Pain Management. *PM&R*, 2015; Vol 7(11): S326-S329.
4. Fitzpatrick KF, Beck EH, Dimberg EL, Fee DB, Grover KM, **Haustein DJ**, Kushlaf HA, Liang CL, Manzi SM, Silvestri NJ, Vu TH, Witt AL. *2015 Electrodiagnostic Self-Assessment Examination.* American Association of Neuromuscular and Electrodiagnostic Medicine. Rochester, MN. 2015.
5. Patel AT, Barker KD, Campea S, Carlson HL, Crooks CY, Gonzalez PG, Hakimi KN, **Haustein DJ**, Henning T, Lie-Nemeth TJ, Mayer MP, Singh V, Verduzco-Gutierrez M, Zumsteg JM. *2016 AAPM&R Self-Assessment Examinations for Residents.* American Association of Physical Medicine and Rehabilitation. Rosemont, IL. 2016.
6. Phelan AH, Barker KD, Campea S, Carlson HL, Crooks CY, Gonzalez PG, Gustafson KA, Hakimi KN, **Haustein DJ**, Henning T, Mayer MP, Miciano AS, Nagpal A, Singh V, Verduzco-Gutierrez M. 2016 SAE-P: Advanced Sports Medicine Concepts and Controversies Self Assessment for Practitioners (SAE-P), *PM&R*, 2016; Vol 8(3): S144-S147.
7. Fitzpatrick KF, Alpers JP, Amani H, Beck EH, Chuqulin M, Fee DB, Gable K, **Haustein DJ**, Kushlaf HA, Manzi SM, Nist L, Patel K, Silvestri NJ, Vu TH, Witt AL. *2016 Electrodiagnostic Self-Assessment Examination.* American Association of Neuromuscular and Electrodiagnostic Medicine. Rochester, MN. 2016.
8. Patel AT, Barker KDD, Bockbrader, M, Campea S, Crooks CY, Gustafson KA, Haustein DJ, Meilahn JR, Pacheco MS. *2017 SAE-P: Clinical Informatics in Physiatry.* American Association of Physical Medicine and Rehabilitation. Rosemont, IL. October 2017.
9. Patel AT, Barker KD, Campea S, Carlson HL, Crooks CY, Gustafson KA, Hakimi KN, **Haustein DJ**, Henning T, Mayer MP, Miciano AS, Singh V, Verduzco-Gutierrez M. *2017 AAPM&R Self-Assessment Examinations for Residents,* American Association of Physical Medicine and Rehabilitation. Rosemont, IL. 2017.
10. Fitzpatrick KF, Alpers JP, Arumaithurai K, Baima JA, Beck EH, Chuqulin M, Fee DB, Gable K, **Haustein DJ**, Homer S, Katirji B, Li Y, Nagao M, Nist LD, Patel K, Scherer K, Witt AL. *2017 Electrodiagnostic Self-Assessment Examination.* American Association of Neuromuscular and Electrodiagnostic Medicine. Rochester, MN. May 2017.
11. Patel AT, Barker KDD, Campea S, Carlson H, Eickmeyer S, Henning T, **Haustein DJ**, Mayer M, McFarlane M. *2017 SAE-P: Contemporary Issues in Cancer Rehabilitation,* American Association of Physical Medicine and Rehabilitation. Rosemont, IL. October 2017.
12. Patel AT, Barker KDD, Campea S, Carlson H, Eickmeyer S, Henning T, **Haustein DJ**, Mayer MP, McFarlane M. 2017 *SAE-P: Geriatrics*, American Association of Physical Medicine and Rehabilitation. Rosemont, IL. October 2017.
13. Patel AT, Barker KD, Carlson HL, Crooks CY, Gustafson KA, Hakimi KN, **Haustein DJ**, Henning T, Mayer MP, Singh V, Verduzco-Gutierrez M. *2018 AAPM&R Self-Assessment Examinations for Residents,* American Association of Physical Medicine and Rehabilitation. Rosemont, IL. January 2018.

**ONLINE PUBLICATIONS**

1. **Haustein D**, Subnaik D. Injections: Steroids/Corticosteroids. *PM&R Knowledge NOW*. http://me.aapmr.org/kn/article.html?id=337. Publication date: 4/13/2016.
2. **Haustein D**, Panchang P. Phantom Pain. *PM&R Knowledge NOW*. http://me.aapmr.org/kn/article.html?id=192. Last modified date: 4/19/2016.
3. Nelson M, **Haustein D,** Papuchis S. Neuromuscular Complications of Cancer. *PM&R Knowledge NOW*. https://now.aapmr.org/neuromuscular-complications-of-cancer/. Last modified date: 4/4/2017.
4. **Haustein D**, Kubinec M, Johnson C, Stevens D. Peripheral Neurological Recovery and Regeneration. *PM&R Knowledge NOW*. https://now.aapmr.org/peripheral-neurological-recovery-and-regeneration/. Last updated: 8/3/2017.
5. **Haustein D**, Kubinec M, Johnson C, Ochani P. Toxic Myopathies. *PM&R Knowledge NOW*. https://now.aapmr.org/toxic-myopathy/. Last updated: 7/31/2017.
6. **Haustein D**, Riggs R, McLaughlin, M. Clinical Informatics and Rehabilitation. *PM&R Knowledge NOW*. Pending publication.
7. **Haustein D**, Bohlig B, Singla S. Sports Medicine for Special Groups. *PM&R Knowledge NOW*. Pending publication.
8. **Haustein D**. EMG Reports and CPRS/VISTA. VA Pulse Website Creator/Curator.

**ABSTRACTS**

1. Anderson JG, **Haustein D**, Worsowicz G, Ge B, Murdock, F. Evaluating Quality of Discharge Information Received at an Inpatient Rehabilitation Facility. *American Journal of Physical Medicine and Rehabilitation*. 2008; 87(3) S56.
2. **Haustein D**, Thomas J. Brachial Neuritis: A Case of Delayed Diagnosis, *American Journal of Physical Medicine and Rehabilitation*. 2016; 95(3) A26.
3. **Haustein D**, Bohlig B. Roadmap for Integrating an EMG Machine with the EMR, *American Medical Informatics 2016 Proceedings,* November 2016, p 1421.
4. Janakos M, Panchang P, **Haustein D**. Musculocutaneous Neuropathy due to PICC line insertion: A Case Report, *American Journal of Physical Medicine and Rehabilitation*. 2017; 96(3) A69.
5. Kubinec M, Bohlig B, **Haustein D**. Prolonged Neurologic Symptoms Following Median Sternotomy: A Case Report, *American Journal of Physical Medicine and Rehabilitation*. 2017; 96(3) A80.
6. Janakos M, **Haustein D,** Panchang P. Musculocutaneous Neuropathy due to PICC line insertion: A Case Report, *PM&R*. September 2017; 9(9) S202.
7. Kubinec M, **Haustein D,** Bohlig B. Incomplete Recovery of Post-Sternotomy Plexopathy: A Case Report, *PM&R*. September 2017; 9(9) S253.

**ONLINE ARTICLE SUMMARIES**

1. **Haustein D**, Tarulli A. Neurofilament Levels as Biomarkers for ALS. http://www.aanem.org/News/Practice/Neurofilament-Levels-as-Biomarkers-for-ALS. American Association of Neuromuscular and Electrodiagnostic Medicine website. 5/18/2016.
2. **Haustein D**. AANEM News: The NorthStar Ambulatory Assessment in Duchenne Muscular Dystrophy: Considerations for the Design of Clinical Trials. http://www.aanem.org/News/Practice/The-NorthStar-Ambulatory-Assessment-in-Duchenne-Mu. American Association of Neuromuscular and Electrodiagnostic Medicine website. 5/31/2016.
3. **Haustein D**. Science News: Identifying who will benefit from NIV in ALS. https://www.aanem.org/News/Education/Science-News-Identifying-who-will-benefit-from-NIV. American Association of Neuromuscular and Electrodiagnostic Medicine website. 8/10/16. Cross posted to AANEM News. https://www.aanem.org/News/Membership/Identifying-who-will-benefit-from-non-invasive-ven. 8/31/2017.
4. **Haustein D**. Science News: Rate of Disease Progression: A prognostic biomarker in ALS. https://www.aanem.org/News/Practice/Rate-of-Disease-Progression-A-Prognostic-Biomoarke. American Association of Neuromuscular and Electrodiagnostic Medicine website. 11/16/16.

**BOOK CHAPTERS**

1. **Haustein D** and Papuchis S. Comprehensive Pain Management in the Neuromuscular Disease Rehabilitation Patient. In: Carayannopoulos A, ed. *Comprehensive Pain Management in the Rehabilitation Patient.*1st ed.Switzerland: Springer International Publishing, 2017: 171-181.

**PM&R JOURNAL SELF ASSESSMENT COMMITTEE QUESTIONS**

1. *PM&R* Journal CME, January 2017: Analysis of Migration Patterns of Disk Fragments and Contributing Factors in Extruded Lumbar Disk Herniation
2. *PM&R* Journal CME, January 2017: Comparing the Course of Mental Health over the First Year After Stroke with Healthy Controls in Columbia, South America
3. *PM&R* Journal CME, January 2017: Impact of Cognition on Burn Inpatient Rehabilitation Outcomes
4. *PM&R* Journal CME, February 2017: Beneficial Effects of Dry Needling for Treatment of Chronic Myofascial Pain Persist for 6 Weeks After Treatment Completion
5. *PM&R* Journal CME, February 2017: Early Rehabilitation in the Medical and Surgical Intensive Care Units for Patients With and Without Mechanical Ventilation: An Interprofessional Performance Improvement Project
6. *PM&R* Journal CME, April 2017: Effects of Cervical Extension on Deformation of Intervertebral Disc and Migration of Nucleus Pulposus
7. *PM&R* Journal CME, April 2017: Effects of Functional Electrical Stimulation on Reducing Falls and Improving Gait Parameters in Multiple Sclerosis and Stroke
8. *PM&R* Journal CME, April 2017: The Role of Psychological Factors on the Perception of Postneedling Soreness and the Influence of Postneedling Intervention
9. *PM&R* Journal CME, May 2017: Relationships Between Age at Menarche, Walking Gait Base of Support, and Stance Phase Frontal Plane Knee Biomechanics in Adolescent Girls
10. *PM&R* Journal CME, May 2017: Determinants of Falls and Fear of Falling in Ambulatory Persons With Late Effects of Polio
11. *PM&R* Journal CME, May 2017: Activity Limitation Stages Are Associated With Risk of Hospitalization Among Medicare Beneficiaries
12. *PM&R* Journal CME, June 2017: Lumbar Muscle Cross-Sectional Areas Do Not Predict Clinical Outcomes in Adults With Spinal Stenosis: A Longitudinal Study
13. *PM&R* Journal CME, June 2017: Long-term Dosing of Intrathecal Baclofen in the Treatment of Spasticity After Acquired Brain Injury
14. *PM&R* Journal CME, June 2017: Abnormal Joint Moment Distributions and Functional Performance During Sit-to-Stand in Femoroacetabular Impingement Patients
15. *PM&R* Journal CME, July 2017: The Strengthening Effect of Electrical Stimulation on Lumbar Paraspinal Muscles in the Sitting Position: A Randomized Controlled Trial
16. *PM&R* Journal CME, July 2017: Influence of Functional Capacity Evaluation on Physician's Assessment of Physical Capacity of Veterans With Chronic Pain: A Retrospective Analysis
17. *PM&R* Journal CME, July 2017: Gender-Dependent Differences in Hip Range of Motion and Impingement Testing in Asymptomatic College Freshman Athletes
18. *PM&R* Journal CME, August 2017: Prevalence and Etiology of Hypogonadism in Young Men with Chronic Spinal Cord Injury: Cross-Sectional Analysis from Two University-Based Rehabilitation Centers
19. *PM&R* Journal CME, August 2017: A Randomized Dose Escalation Study of Intravenous Baclofen in Healthy Volunteers: Clinical Tolerance and Pharmacokinetics
20. *PM&R* Journal CME, August 2017: Prevalence and Etiology of Hypogonadism in Young Men with Chronic Spinal Cord Injury: A Cross-Sectional Analysis from Two University-Based Rehabilitation Centers
21. *PM&R* Journal CME, August 2017: The Influence of Test Positions on Clinical Assessment for Scapular Dyskinesis
22. *PM&R* Journal CME, September 2017: A Comparison of Locomotor Therapy Interventions: Partial Body Weight Supported Treadmill, Lokomat® and G-EO® Training in Persons with Traumatic Brain Injury
23. *PM&R* Journal CME, September 2017: Patient Centered Goal-setting in a Hospital-based Outpatient Stroke Rehabilitation Center
24. *PM&R* Journal CME, September 2017: Predictors of Pharmacological Intervention in Adolescents with Protracted Symptoms after Sports-related Concussion
25. *PM&R* Journal CME, October 2017: Exploring Factors Influencing Low Back Pain in People With Nondysvascular Lower Limb Amputation: A National Survey
26. *PM&R* Journal CME, October 2017: OnabotulinumtoxinA for Lower Limb Spasticity: Guidance From a Delphi Panel Approach
27. *PM&R* Journal CME, October 2017: Spasticity Management: The Current State of Transcranial Neuromodulation
28. *PM&R* Journal CME, November 2017: Validation of a Self-monitoring Tool for Use in Exercise Therapy
29. *PM&R* Journal CME, November 2017: Ultrasonography of the Transverse Movement and Deformation of the Median Nerve and Its Relationships with Electrophysiological Severity in the Early Stages of Carpal Tunnel Syndrome
30. *PM&R* Journal CME, November 2017: Predictive Indices for Functional Improvement and Deterioration, Institutionalization, and Death among Elderly Medicare Beneficiaries
31. *PM&R* Journal CME, December 2017: Efficacy and Safety of AbobotulinumtoxinA (Dysport®) for the Treatment of Hemiparesis in Adults with Upper Limb Spasticity Previously Treated with Botulinum Toxin: Sub-analysis from a Phase 3, Randomized Controlled Trial
32. *PM&R* Journal CME, December 2017: Long-term Functional and Psychosocial Outcomes after Hypoxic-Ischemic Brain Injury: A Case-Controlled Comparison to Traumatic Brain Injury
33. *PM&R* Journal CME, December 2017: No difference Between Noxious and Innocuous Thermal Stimulation on Motor Recovery of Upper Extremity in Patients with Acute Stroke: a Randomized Controlled Trial with 6-month Follow-up
34. *PM&R* Journal CME, January 2018: Association of Hip Radiograph Findings with Pain and Function in Patients Presenting with Low Back Pain
35. *PM&R* Journal CME, January 2018: Dose-Dependent Effects of AbobotulinumtoxinA (Dysport) on Spasticity and Active Movements in Adults with Upper Limb Spasticity: Secondary Analysis of a Phase 3 Study
36. PM&R Journal CME, January 2018: Early Intra-articular Corticosteroid Injection Improves Pain and Function in Adhesive Capsulitis of Shoulder: 1-year Retrospective Longitudinal Study

**HOSPITAL AFFILIATIONS**

Robley Rex VA Medical Center

Louisville, Kentucky

Frazier Rehab and Neuroscience Center

Louisville, Kentucky

Jewish Hospital

Louisville, Kentucky

Baptist Health Louisville

Louisville, Kentucky

Southern Indiana Rehab Hospital

New Albany, Indiana