

80CURRICULUM VITAE
Maryam Tahmasbi Sohi, M.D.

I. Personal History

Current Academic Positions:

Assistant Professor
Department of Physical Medicine and Rehabilitation
Lecture Block Director:
Electromyography
Progressive Rehab Neuro
University of Colorado School of Medicine
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Current Professional Position:

Staff faculty, Physical Medicine and Rehabilitation
Rocky Mountain Regional VA Medical Center
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Aurora, CO 80045
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Citizenship:

United States of America

II. Education

1995-2000	Qazvin University of Medical Science Medicine, Bachelor of Science, Medicine, June 1999 Tehran, Iran
2000-2002	Tulsa Community College Premed, June 2002 Tulsa, Oklahoma
2002-2004	University of Tulsa Bachelor of Science, Biology, June 2004 Tulsa, Oklahoma
2004-2008	University of Kansas School of Medicine Doctor of Medicine, May 2008 Kansas City, Kansas

- 2008-2009 Internship in Internal Medicine
Kansas School of Medicine, June 2009
University of Kansas School of Medicine /KU Medical Center
Kansas City, Kansas
- 2009-2012 Residency in Physical Medicine and Rehabilitation
University of Colorado School of Medicine, Department of PMR,
June 2012
Aurora, Colorado
- 2012-2013 Fellowship in Neuromuscular Medicine
University of Kansas School of Medicine, Department of Neurology,
June 2013
Kansas City, Kansas

III. Academic Appointments

- 2013-2020 Assistant Professor
University of Colorado School of Medicine
Department of Physical Medicine and Rehabilitation
Aurora, Colorado
- 2020-Current Associate Professor
University of Colorado School of Medicine
Department of Physical Medicine and Rehabilitation
Aurora, Colorado
- 2021-Current Assistant Professor
University of Colorado School of Medicine
Department of Neurology
Aurora, Colorado

IV. Professional Positions (Hospital Appointments)

- 2013-current Attending Physician
Physical Medicine and Rehabilitation Services
Rocky Mountain Regional VA Medical Center
Aurora, Colorado
- 2016-current Director of AANEM Accredited Electrodiagnostic Laboratories
Rocky Mountain Regional VA Medical Center
Aurora, Colorado
- 2019-Current Medical Director of Multidisciplinary ALS Clinic
Rocky Mountain Regional VA Medical Center
Aurora, Colorado

V. Honors

- 2001-2003 Phi Kappa Phi for Scholastic Achievement
Tulsa, Oklahoma
- 2008 John B Redford Distinguished Professorship Award

	Kansas City, Kansas
2017	Golden Goniometer, Teacher of the Year, Department of Physical Medicine and Rehabilitation, University of Colorado Aurora, Colorado
2020	Bravo Award, VA ECHCS, outstanding leadership
2021	Bravo Award, VA ECHCS, outstanding teamwork & customer service

VI. Professional Associations

2004-2008	American Medical Association
2008-Present	University of Kansas School of Medicine Alumni Association
2009-Present	American Academy of Physical Medicine & Rehabilitation
2012-Present	American Association of Neuromuscular & Electrodiagnostic Medicine
2012-2014	American Academy of Neurology

VII. Committee and Service Responsibilities

2001-2004	Jayhawk Free Clinic, Kansas City, Kansas
2001-2004	Community Action project, Tulsa, Oklahoma
09/2010	Muscular Dystrophy Association Telethon in Denver
09/2010	Veterans Wheelchair Games in Denver, Colorado
04/2011 & 4/2010	Scout Pre-participation Physical Examination
2013-2016	Residency interview for the Department of Physical Medicine and Rehabilitation.
02/2014-2018	Data Safety Monitoring Board (DSMB) member for the multicenter clinical trial for safety and efficacy of subcutaneous immunoglobulin for management of myasthenia gravis.
02/2016-2/2019	Case writer and facilitator for MOCK orals for residents and fellows in the department of Physical Medicine and Rehabilitation.
05/2017-8/2017	Radicava® Formulary Development for Eastern Colorado VA Health Care System
11/2017	Physical Medicine and Rehabilitation Fair-EMG Station
5/2020-Current	AANEM Neuromuscular Medicine Self-Assessment Exam committee
5/2020-Current	AANEM Electrodiagnostic Medicine Self-Assessment Exam committee
2020-Current	AANEM PMR Membership Task Force committee

Licensure

2008-2009	Kansas Training Medical License (inactive)
2009-2012	Colorado Training Medical License (inactive)
2012-2013	Kansas Medical License (inactive)
2013-Present	Colorado Medical License (active)

VIII. Board Certification

2013-Present	American Board of Physical Medicine and Rehabilitation
2014-Present	American Board of Neuromuscular Medicine
2015-Present	American Board of Electrodiagnostic Medicine

IX. Teaching Record

2013-2016	Clinical Teaching for Neuromuscular Fellow. This was an opportunity for me to be involved in the education of neuromuscular fellows from department of Neurology. Unfortunately, this had to stop due to ACGME and VA funding conflicts. I also provided the recorded audio PowerPoint lecture series on Rehabilitation of Neuromuscular Disorders fellows education archive.
2013-2017	Developed and modified Goals and Objectives for Rehab-Neuro Rotation at the VA I drafted updates on residents' schedule, course objectives, rotation specific responsibilities, medical documentation policy according to the ACGME and RMR VA MC guidelines.
2013-2018	EMG Teaching at the VA for Trainees. One-hour sessions held every second Wednesday morning of the month. The goal is to review basics of nerve conduction and electrodiagnostic studies with learners, provide more opportunities for hands-on practice and review some of the educational cases based on trainees' level in residency.
2013-Present	Director of Electrodiagnostic Studies (EMG) Module for Physical Medicine and Rehabilitation (PMR) Residents. This module is consistent of 5-6 workshops per year with focus on training residents on hands-on skills for nerve conduction studies, needle electrode examination, interpretation, report writing, and troubleshooting electrodiagnostic studies. As director of this course my responsibilities are: • Curriculum development, annual review and modifications of these workshops according to ACGME guidelines and learners feedback and interests. • Faculty recruitment for small group workshops. • Evaluation of learners' education through end of module testing. • Residents preparation for electrodiagnostic SAE exams.
2013-Present	Clinical Teaching for Medical Students, Orthopedics, Neurosurgery, Geriatrics, Podiatry, and Internal Medicine residents from University of Colorado. Along with my other colleagues at the VA, I provide teaching about general rehab, musculoskeletal physical exam skills, electrodiagnostic studies, different subspecialties of rehab, to students who rotate through the VA. This takes place about 20-30 hours a year.

2013-Present	Clinical Teaching for PMR Residents. This is an opportunity to provide about 10 hours of direct, supervised education during patient care covering topics such as spasticity, neuromuscular and musculoskeletal evaluation and management. I provide supervised education on performance and interpretation of electrodiagnostic studies in addition to botulinum injection for tone management. I also provide education on evaluation of musculoskeletal disorders and interventional procedures using ultrasound or EMG guidance as appropriate.
2014-2017	Clinical Teaching for Adult Neurology Residents. Neurology residents interested in learning more about electrodiagnostic studies and neuromuscular medicine joined me during EMG and Neuromuscular Clinics at the VA during their elective rotation.
2014-2017	Clinical Teaching for Pediatrics Neurology Residents. Each year, depending on residents' elective schedule, a pediatrics neurology resident joins me during EMG, Neuromuscular and Spasticity Clinics.
2014-Present	Director of Progressive Neuro-Rehab Module for PMR residents This module contains lecture series covering a variety of neurological topics that are pertinent to PMR training and not covered by other major educational modules. As director of this course my responsibilities are: • Curriculum development based on ACGME requirements and learners feedback and interests. • Speaker recruitment for 4-6 hours of lecture • Evaluate learners' knowledge through post-module evaluations • Prepare trainees for SAE exams. • Provide lectures covering neuromuscular topics
2016-2019	Problem Based Learning Facilitator at Colorado School of Medicine. I am a substitute facilitator for PBL cases that help first and second year medical students develop skills on how to interpret basic science knowledge and diagnostic data in different clinical scenarios.
2016-2019	Small Group Facilitator for the Foundation of Doctoring at Colorado School of Medicine. I help facilitate musculoskeletal and neurological physical exam in small group teaching sessions for first and second year medical students.

2017-Present Clinical Teaching for Physical Therapy Residents and Clinical Physical Therapists. I provide teaching during clinical hours for physical therapy residents or interested therapists on neuromuscular disorders, indications and interpretation of electrodiagnostic studies that are pertinent to their area of interest and expertise.

2018-Present Modified Goals and Objectives for EMG Rotation at the RMR VA Medical Center. I drafted updates on residents' schedule, course objectives, rotation specific responsibilities, medical documentation policy according to the ACGME and VA guidelines.

	Monday	Tuesday	Wednesday	Thursday	Friday
Clinic	Neuromuscular Spasticity EMG	ALS Clinic Spasticity	Neuromuscular Spasticity EMG	Musculoskeletal EMG	EMG
Trainees (Past & present)	PMR Peds-Neuro	TBD	PMR Neuromuscular fellow Peds Neuro		PMR PT

X. Presentations and Lectures

Local

Ground Rounds

1. **Tahmasbi Sohi, M.** (2009, December). Cervical Dystonia, what we know. Presented at Department of Physical Medicine and Rehabilitation Resident Ground Rounds. Aurora, CO.
2. **Tahmasbi Sohi, M.** (2010, November). Brain Computer Interface; I think, therefore I am. Presented at Department of Physical Medicine and Rehabilitation Resident Ground Rounds. Aurora, CO.
3. **Tahmasbi Sohi, M.** (2012, April). Clinical Advances in Diaphragm Pacing. Presented at Craig's Hospital Ground Rounds, Denver, CO.
4. **Tahmasbi Sohi, M.** (2012, June). Use of gait analysis data to guide BoNT-A and CIMT treatment in children with CP; a Pilot study. Presented on Gersten Day presentation on Graduation Day for Department of Physical Medicine and Rehabilitation. Aurora, CO.
5. **Tahmasbi Sohi, M.** (2017, September). Weakness in ICU. Presented at Ground Rounds, Department of Internal Medicine, Denver VA, CO.

6. **Tahmasbi Sohi, M.** (2017, September). Neuromuscular Emergencies for Internal Medicine. Presented at Ground Rounds, Department of Internal Medicine, Denver VA, CO.
7. **Tahmasbi Sohi, M** (2019, May). Clinical Presentation and Diagnosis of Amyotrophic Lateral Sclerosis in Veterans. Presented at SCI/D ALS meeting at Rocky Mountain Regional VA Medical Center.
8. **Tahmasbi Sohi, M** (2021, January). Overview of Current and Emerging Therapies in Amyotrophic Lateral Sclerosis. Presented at Interdisciplinary ALS team meeting at Rocky Mountain Regional VA Medical Center.

Teaching Lectures

Physical Medicine and Rehabilitation (PMR) Residents:

1. **Tahmasbi Sohi, M.** (2010, June). Neurogenic Bladder Diagnosis and Management. Presented to University of Colorado Physical PMR Residents. Aurora, CO.
2. **Tahmasbi Sohi, M.**(2011, July). Rehab Medicine Pharmacology, a brief review. Presented to University of Colorado PMR Residents. Aurora, CO.
3. **Tahmasbi Sohi, M.** (2011, July). Basics of needle electromyography. Presented to University of Colorado PMR Residents. Aurora, CO.
4. **Tahmasbi Sohi, M.** (2011, March). EMG Findings in Malignant Hyperthermia. Presented to University of Colorado **Physical PMR** Residents. Aurora, CO.
5. **Tahmasbi Sohi, M.** (2012, May). Hip Anatomy, Physical Exam. Presented to University of Colorado PMR Residents. Aurora, CO.
6. **Tahmasbi Sohi, M.** (2013, August). A Pattern Recognition Approach to Neuropathy and Neuronopathy. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.
7. **Tahmasbi Sohi, M.** (2014, Jan).Somatosensory Evoked Potential Studies, Indications and Interpretation. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.
8. **Tahmasbi Sohi, M.** (2014, March). Upper Extremity Entrapment Neuropathies. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.
9. **Tahmasbi Sohi, M.** (2014, October). A Pattern Recognition Approach to Myopathy. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.
10. **Tahmasbi Sohi, M.** (2015, September). Thoracic Outlet Syndrome, Electrodiagnostic Evaluation and Clinical Presentation. Presented to University of Colorado PMR Residents. Aurora, CO.
11. **Tahmasbi Sohi, M.** (2015, December). Basics of Single Fiber Electromyography. Presented to University of Colorado Physical PMR Residents During EMG Workshops. Aurora, CO.
12. **Tahmasbi Sohi, M.** (2016, January). Testing for Autonomic Nervous System. Presented to University of Colorado PMR Residents During EMG Workshops . Aurora, CO.
13. **Tahmasbi Sohi, M.** (2016, January). Piriformis Syndrome, Evaluation and Management. Presented to University of Colorado PMR Residents. Aurora, CO.
14. **Tahmasbi Sohi, M.** (2016, May). Neuromuscular Emergencies. Presented to University of Colorado PMR Residents During Progressive Rehab Neuro Lecture Series. Aurora, CO.
15. **Tahmasbi Sohi, M.** (2016, October). Introduction to Basics of Nerve Conduction Studies and Instrumentation. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.

16. **Tahmasbi Sohi, M.** (2017, March). Neuromuscular Junction Physiology, Pathology and Electrodiagnostic Evaluation. Presented to University of Colorado Physical PMR Residents. Aurora, CO.
17. **Tahmasbi Sohi, M.** (2017, May). Weakness in the ICU. Presented to University of Colorado PMR Residents During Progressive Rehab Neuro Lecture Series. Aurora, CO.
18. **Tahmasbi Sohi, M.** (2017, October). Introduction to Basics of Nerve Conduction Studies and Instrumentation. Presented to University of Colorado PMR Residents During EMG Workshops. Aurora, CO.
19. **Tahmasbi Sohi, M.** (2018, October). Introduction to Neuromuscular Fellowship Training Programs for Physical Medicine and Rehabilitation Residents. Aurora, Co.
20. **Tahmasbi Sohi, M.** (2018, October). Introduction to Needle Electromyography for Physical Medicine and Rehabilitation Residents. Aurora, Co.

Orthopedics Residents:

21. **Tahmasbi Sohi, M.** (2014, September). Basics of EMG for Orthopedics. Presented to University of Colorado Orthopedics Residents, Aurora, CO.
22. **Tahmasbi Sohi, M.** (2015, February). Electrodiagnostic Studies, Indications and Pitfalls for Orthopedics. Presented to Orthopedics Residents, Aurora, CO.

Neurology Residents:

23. **Tahmasbi Sohi, M.** (2015-2021 May). Entrapment Neuropathies, Radiculopathies, and Plexopathy. Presented to University of Colorado Neurology Residents. Aurora, CO.

Neuromuscular Fellow:

24. **Tahmasbi Sohi, M.** (2016, March). Orthosis and Prostheses for Neuromuscular Patients. Recorded and Archived Audio Presentations for Neuromuscular Fellowship Program at the University of Colorado Department of Neurology. Aurora, CO.
25. **Tahmasbi Sohi, M.** (2016, March). Spasticity Management for Neuromuscular Patients. Recorded and Archived Audio Presentations for Neuromuscular Fellowship Program at the University of Colorado Department of Neurology. Aurora, CO.
26. **Tahmasbi Sohi, M.** (2016, April). Exercise Therapy and Neuromuscular Disorders. Recorded and Archived Audio Presentations for Neuromuscular Fellowship Program at the University of Colorado Department of Neurology. Aurora, CO.

Allied Health:

27. **Tahmasbi Sohi, M.** (2015, November). Basics of Electrodiagnostic Studies for Physical Therapists. Presented to Physical Therapy Department at the Denver VA Medical Center, Denver, CO.
28. **Tahmasbi Sohi, M.** (2016, October). Basics of Electrodiagnostic Studies for Physical Therapists. Presented to Physical Therapy Department at the Denver VA Medical Center, Denver, CO.

Regional

1. **Tahmasbi Sohi, M.** (2014, April). EMG for Primary Care Provider. SCAN Lecture Series, Denver, CO.

2. **Tahmasbi Sohi, M.** (2015, April). Whole Exome Sequencing. Presented in Research Meeting of Neuromuscular Division at the University of Colorado, Department of Neurology. Aurora, CO.
3. **Tahmasbi Sohi, M.** (2015, June). Indication, Utility and Pitfalls of EMG for Primary Care Providers, SCAN Lecture Series, Denver, CO.
4. **Tahmasbi Sohi, M.** (2016, March). Spasticity Management. SCAN Lecture Series. Denver, CO.
5. **Tahmasbi Sohi, M.** (2016, October). EMG for Primary Care Provider. SCAN Lecture Series, Denver, CO.
6. **Tahmasbi Sohi, M.** (2017, March). Indications and Utility of EMG Studies for Primary Care Providers. Presented at the Denver VA Medical Center Department of Internal Medicine Ground Rounds, for Eastern Colorado Health Care System (VISN 19) Primary Care Providers, Denver, CO.
7. **Tahmasbi Sohi, M.** (2017, April). Basics of EMG and Commonly Used Electrodiagnostic Studies in Primary Care Medicine, SCAN Lecture Series, Denver, CO.

National

1. **Tahmasbi Sohi, M.** (2012, November). A Case of Benign Monomelic Amyotrophy (BMA) of Lower Extremity. Presented at Kansas City Children's Hospital Ground Rounds, Kansas City, MO.
2. **Tahmasbi Sohi, M.** (2013, February). A Case of autophagic vacuoles with sarcolemmal features 2/2013. Presented at Carrell Krusen Symposium, Dallas, TX. This is a symposium is one of the most popular clinical meetings for neuromuscular specialists in the country. Attendees participate in lively discussion while meeting interesting and challenging patients.
3. **Tahmasbi Sohi, M.** (2013, February). Inclusion Body Myositis Functional Rating Scale (IBMFRS) Yearly Change in Inclusion Body Myositis for Arimoclomol Study Placebo Group. Presented at Carrell Krusen Symposium, Dallas, TX.
4. **Tahmasbi Sohi, M.** (2013, May). Exercise Therapy and Neuromuscular Disorders. Presented at Ground Rounds, University of Kansas Medical Center, Kansas City, KS.
5. **Tahmasbi Sohi, M (4/2020):** Ask the Experts ALS Symposium- April 19th 2020-

Grant support

2017-aborted	Co-investigator of a PICORI-funded multicenter study- Dropped out due to VA pharmacy procedural limitations dispensing the medication.
2017-2021	Co-investigator for Suicide among Individuals with Amyotrophic Lateral Sclerosis (ALS) Seeking VHA Services.
2018-Present	Primary investigator for interdisciplinary pilot study Short Term Effects of Intraarticular Triamcinolone Acetonide Injection on Serum Testosterone, LH and FSH Levels in Cohort of Male Veterans with Osteoarthritic Glenohumeral Joint- This study was awarded a 10K grant through department of PMR Research Core.
20201-Current	Co-investigator for DOD-funded study: " <u>E</u> valuation of <u>T</u> elemedicine <u>S</u> pirometry <u>T</u> esting for <u>V</u> eterans with <u>A</u> LS [E-TEST VA]."

Other:

2003	Sub-investigator. Involved in extracting and analyzing RNA from cardiac tissue to determine the presence and abundance of the potassium channels. Mentor: Dr. Randy Wymore
2007	Primacy Investigator. Long-Term Issues in Management of Patients with Spinal Cord Injury; A Telephone Survey". Mentor: Dr. George Varghese
2011-2012	Co-investigator. Use of gait analysis data to guide BoNT-A and CIMT treatment in children with CP; a Pilot study.
2012-2013	Co-investigator (20% effort) Carpal Tunnel Syndrome with Underlying Peripheral Neuropathy; Can surgery be beneficial? Sub-Investigator: Maryam Tahmasbi Sohi, Mentor: George Varghese, MD. This study was aborted due to staffing issues.
2012-2013	Sub-investigator during fellowship (5% effort). A Multi-Center Screening Trial of Safety and Efficacy of Medication in Subjects with Amyotrophic Lateral Sclerosis (ALS). Pharmaceutical-sponsored study
2012-2013	Sub-investigator. Efficacy of Medication in the Treatment of Ocular Myasthenia.
2012- 2013	Sub-investigator. Phase II Trial of Medication in Myasthenia Gravis. Pharmaceutical-sponsored study.
2012-2013	Sub-investigator. Randomized, multicenter, double-blind, placebo-controlled, parallel-group phase III study to investigate the efficacy, safety, and tolerability of 2 different doses of Medication for the treatment of chronic inflammatory demyelinating polyneuropathy (CIDP). Pharmaceutical-sponsored study
2012- 2013	Sub-Investigator. Diaphragm Pacing System for patients with Amyotrophic Lateral Sclerosis.
2017-2020	Principle Investigator. Correlation of Electrodiagnostic Findings in C8 Radiculopathies with Radiographic Data - A Retrospective Chart Review

XI. BIBLIOGRAPHY

Peer-reviewed Journals

1. **Tahmasbi Sohi M**, Dimachkie M, Barohn R, Pasnoor M, Herbelin L, McVey A. Case of autophagic vacuoles with sarcolemmal features. J Clin Neuromusc Dis 2013;14(3):23-24.
2. **Tahmasbi Sohi M**, Dimachkie M, Machado P, He J, Wang Y, Noel J, McVey A, Pasnoor M, Gallagher P, Herbelin L, Statland J, Miller L, Greensmith L, Holton J, Hanna M, Barohn R. IBMFRS yearly change in inclusion body myositis. J Clin Neuromusc Dis 2013;14(3):21-22.
3. **Tahmasbi Sohi M**, Sullivan W, Anderson D. Transient Hypokalemic Quadriplegia Following a Lumbar Transforaminal Epidural Dexamethasone Injection: A Case Report 2017 PM&R Journal.
4. Emily M. Lund PhD, Trisha A. Hostetter MPH, Jeri E. Forster PhD, Claire A. Hoffmire PhD, Kelly A. Stearns-Yoder MA, Lisa A. Brenner PhD, **Maryam Tahmasbi Sohi MD**.

Suicide among veterans with amyotrophic lateral sclerosis. Muscle and Nerve: January 20,2021

5. **Tahmasbi Sohi, Maryam**, Nortman, Samuel; Brega, Kerry; Forster, Jeri E.; Guzzetti, Jacob R. Correlation of Electrodiagnostic Findings in C8 Radiculopathies With Radiographic Data-A Retrospective Chart Review. American Journal of Physical Medicine & Rehabilitation: July 2021 - Volume 100 - Issue 7 - p 721-724.

Book Chapters

1. 11/2013: Editor of two chapters of “Neuromuscular Video Book” by Dr. Aziz Shaibani. Chapters 26 and 27.

Other

1. Dr. Esmaili M.H, Doodangeh E, Sharifi, M.” The Effect of Ascorbic Acid on Spatial Learning”. The Journal of Medical Sciences and Health Services. 2001, December; 24 (1561-3666): 3-8.