

Curriculum Vitae and Bibliography

Mark N. Rubin, MD

Personal Information

Primary Work Address: NorthShore Neurologic Institute
NorthShore University Health System
Department of Neurology
2100 Pfingsten Rd.
B 064
Glenview, IL 60026

Primary Email Address: mrubin@northshore.org

Secondary Work Address: Mayo Clinic
Department of Neurology
13400 E Shea Blvd
Scottsdale, AZ 85259

Secondary Email Address: rubin.mark@mayo.edu

Present Academic Rank and Position

Assistant Professor of Neurology - Mayo Clinic College of Medicine, 11/2014 - Present
Department of Education Administration

Education

Illinois Wesleyan University, Bloomington, Illinois - BS 2001 - 2005

University of Illinois College of Medicine at Chicago, Chicago, Illinois - MD 2005 - 2009

Internal Medicine Internship, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Department of Education Administration, Rochester, Minnesota - Internship 2009 - 2010

Adult Neurology Residency, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Department of Education Administration, Rochester, Minnesota - Resident 2010 - 2013

Hospital Neurology Fellowship, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Department of Education Administration, Jacksonville, Florida - Fellow 2013 - 2014

Stroke & Cerebrovascular Diseases Fellowship, Neurology, Programs in Arizona, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Department of Education Administration, Scottsdale, Arizona - Fellow 2014 - 2015

Additional Education

UCLA Transcranial Doppler and Cerebral Flow Monitoring Fellowship 11/2012
UCLA David Geffen School of Medicine
Los Angeles, California

Neurovascular Ultrasound (Carotid & TCD) 10/2014
Wake Forest Baptist Medical Center
Winston Salem, North Carolina

Certifications

Board Certifications

American Board of Psychiatry and Neurology (ABPN)

Neurology 09/2013 - Present

American Society of Neuroimaging (ASN)

Comprehensive Neurosonology Examination (Physics, TCD, Carotid) 01/2015 - Present

Mayo Clinic Quality Academy

Mayo Clinic Quality Fellow: Silver Level Certification 06/2015

Licensure

Minnesota 53173 (Medical) 07/2010 - Present

Arizona 43872 (Medical) 11/2010 - Present

Georgia 069247 (Medical) 02/2013 - Present

Florida 115626 (Medical) 04/2013 – Present

Illinois 036138197 (Medical) 06/2015 – Present

Nevada Number pending 07/2015 – Present

New Hampshire Number pending 07/2015 – Present

Honors/Awards

Graduation Cum Laude - Illinois Wesleyan University 05/2005

Alpha Omega Alpha - University of Illinois College of Medicine at Chicago 08/2008

Award for Academic Excellence and Achievement - American Society of Clinical Pathologists 08/2008

Graduation with Honors - University of Illinois College of Medicine at Chicago 05/2009

Previous Professional Positions and Major Appointments

Instructor of Neurology - Mayo Clinic College of Medicine, Department of Education Administration 02/2012 - 10/2014

Professional & Community Memberships, Societies and Services

Professional Memberships & Services

Alpha Omega Alpha Honor Medical Society
Member 08/2008 - Present

Minnesota Medical Association
Member 06/2009 - 06/2013

American Academy of Neurology
Member 07/2010 - Present

American Telemedicine Association
Member 05/2013 - Present

Neurohospitalist Society
Member 09/2013 - Present

American Society of Neuroimaging
Member 2015 - Present

Community Memberships & Services

Society of St. Vincent de Paul
Neurology Provider

Volunteer, Phoenix, Arizona

01/2015

Journal Responsibilities

Journal Editorial Responsibilities

The Neurohospitalist

Editorial Board Member

04/2015 - Present

Journal Other Responsibilities

Frontiers in Teleneurology

Ad Hoc Reviewer

06/2011 - Present

The Neurohospitalist

Ad Hoc Reviewer

12/2012 – 04/2015

Journal of Stroke and Cerebrovascular Diseases

Ad Hoc Reviewer

10/2013 - Present

Journal of Neurological Sciences

Ad Hoc Reviewer

03/2014 - Present

Stroke

Blogging Stroke

Contributor

06/2014 - Present

Senior Blogger

07/2015 - Present

Health Informatics Journal

Ad Hoc Reviewer

08/2014

Educational Activities

Teaching Intramural

Resident Case Conference

Regular Contributor

Department of Neurology, Mayo Clinic

Rochester, Minnesota

07/2010 - 06/2013

On Rhomboencephalomyelitis

Pediatric Neurology Conference

Mayo Clinic

Rochester, Minnesota

05/2011

Neurology Image of the Week

Regular Contributor

Mayo Clinic

Rochester, Minnesota

08/2011 - 08/2012

Neurology Hospital Service Morning Report

Moderator

Mayo Clinic

Rochester, Minnesota

09/2011 - 06/2013

Prolonged QTc Interval in Neurologically Ill Patients

Neurology Morbidity & Mortality Conference

Mayo Clinic

Rochester, Minnesota

10/2011

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|---|-------------------|
| Neuroanatomy Residency In-Service Training Examination Review Mayo Clinic Rochester, Minnesota | 02/2012 |
| Neuroanatomy Residency In-Service Training Examination Review Mayo Clinic Rochester, Minnesota | 02/2013 |
| Safety & Efficacy of a Reduced Electroencephalography Electrode Array for Detection of Seizures Resident Research Presentation Mayo Clinic Rochester, Minnesota | 02/2013 |
| Transcranial Doppler Ultrasonography for Hospital Neurology Hospital Case Conference Mayo Clinic Rochester, Minnesota | 02/2013 |
| Compressive Spinal Cord Injury and Steroids Hospital Case Conference Mayo Clinic Rochester, Minnesota | 03/2013 |
| On Plumbing: Neurovascular Complications of Aortic Surgery Pediatric Neurology Conference Mayo Clinic Rochester, Minnesota | 05/2013 |
| The Posterior Fossa Syndrome Pediatric Neurology Conference Mayo Clinic Rochester, Minnesota | 05/2013 |
| Case/Discussion-based Journal Club Stroke Journal Club Mayo Clinic Arizona/Florida/Minnesota | 07/2013 - 01/2014 |
| Formal Didactic Sessions with All Residents Clinical Fellow Conference Mayo Clinic Jacksonville, Florida | 11/2013 |
| Advanced Stroke Life Support Course Instructor Jacksonville, Florida | 12/2013 |
| Stroke Sense A monthly educational series for stroke survivors and their families Mayo Clinic Jacksonville, Florida | 02/2014 - 04/2014 |
| Neurology Nursing Symposium Mayo Clinic Jacksonville, Florida | 05/2014 |

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| The Neurologic Examination: What is a "Neurocheck?" Neuroscience Nursing Symposium Jacksonville, Florida | 05/2014 |
| Major Stroke Symptoms and Mimics Course Instructor Advanced Stroke Life Support | 06/2014 |
| NIHSS Assessment Course Instructor Advanced Stroke Life Support | 06/2014 |
| Medical Student Lecture: Basics of Stroke Zachary Kelm – Mayo Medical School (Phoenix) Mayo Clinic Phoenix, Arizona | 09/2014 |
| Neurosonology Neurology Residency Academic Half Day Mayo Clinic Phoenix, Arizona | 10/2014 |
| Medical Student Lecture: Basics of Stroke Bisrat Fekadu – Mayo Medical School (Rochester) Mayo Clinic Phoenix, Arizona | 11/2014 |
| Medical Student Lecture: Basics of Stroke Joe Gallego – Mayo Medical School (Rochester) Mayo Clinic Phoenix, Arizona | 01/2015 |
| Medical Student Lecture: Basics of Stroke Rene Tellez – Mayo Medical School (Rochester) Mayo Clinic Phoenix, Arizona | 02/2015 |
| Medical Student Lecture: Basics of Stroke Gena Damento & Quincy Nang - Mayo Medical School (Rochester) Mayo Clinic Scottsdale, Arizona | 04/2015 |
| Medical Student Lecture: Basics of Stroke Sagar Chawla - Mayo Medical School (Rochester) Mayo Clinic Scottsdale, Arizona | 05/2015 |
| Medical Student Lecture: Basics of Stroke Brandon Birckhead - Mayo Medical School (Rochester) Mayo Clinic Scottsdale, Arizona | 05/2015 |
| Mentorship | |
| Burrell, Christian (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Dredla, Brynn (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |

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| Harriott, Andrea (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Hurst, Rebecca (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Martin Collazo, Iris Vanessa (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Robinson, Glen (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Scott, Kristen (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Sebesto, Jason (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Siegel, Jason (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Whitlock, Julia (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Jacksonville, FL | 07/2013 - 06/2014 |
| Davis, Megan (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Dhawan, Priya (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Grimsrud, Kate (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Jones, Rebecca (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Okazaki, Erin (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Overall, Trenton (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |
| Pena, Ashley (Resident) Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | 07/2014 - 06/2015 |

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| Steenerson, Kristen (Resident) | 07/2014 - 06/2015 |
| Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | |
| Zuniga, Leslie (Resident) | 07/2014 - 06/2015 |
| Description: Regular didactic and clinical teaching, Mayo Clinic, Scottsdale, AZ | |

Institutional/Departmental Administrative Responsibilities, Committee Memberships and Other Activities

Mayo Clinic

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| Department of Education Administration Mayo Clinic College of Medicine Mayo School of Graduate Medical Education Mayo Fellows Association Member | 06/2009 - Present |
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Mayo Clinic in Rochester

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| Mayo Clinic Rochester Committees Rochester Neurology Research Committee Member | 07/2012 - 06/2013 |
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Mayo Clinic in Florida

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| Mayo Clinic Florida Committees Neurology Research Committee Member | 07/2013 - 06/2014 |
| Clinical Practice Committee - Florida Hospital Practice Committee - Florida Stroke Center Clinical Practice Committee Member | 07/2013 - 06/2014 |
| Telestroke Practice Committee Member | 07/2013 - Present |
| Department of Neurology Stroke Journal Club Fellow Representative | 07/2013 - 01/2014 |
| Case/Discussion-based Journal Club | |

Presentations Extramural

National/International

Oral

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|---|---------|
| Brain Attack Interactive Session Invited Speaker Mayo Clinic 5th Annual Stroke and Cerebrovascular Disease Review Amelia Island, Florida | 09/2013 |
| Transcranial Doppler Workshop Instructor Mayo Clinic 5th Annual Stroke and Cerebrovascular Disease Review Amelia Island, Florida | 09/2013 |

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| Transcranial Doppler Workshop Invited Instructor Mayo Clinic 6th Annual Stroke and Cerebrovascular Disease Review Amelia Island, Florida | 09/2014 |
| Telestroke: Hub & Spoke Model Rubin MN, Channer DD, Demaerschalk BM. Northeastern Cerebrovascular Consortium 9th Annual Summit Newport, Rhode Island | 10/2014 |
| TCD Workshops Invited Faculty Mayo Clinic Neuro Intensive Care: Review and Hands-on Workshops Orlando, Florida | 05/2015 |
| TCD Lectures and Workshops Invited Faculty Wake Forest Neurosonology Course Winston-Salem, North Carolina | 05/2015 |
| Transcranial Doppler Workshop Invited Faculty Mayo Clinic 7th Annual Stroke and Cerebrovascular Disease Review Amelia Island, Florida | 09/2015 |

Poster

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|---|------|
| Risk for Second Aneurysmal Rebleed After Placement of External Ventricular Drains in a Population of Patients with Aneurysmal Subarachnoid Hemorrhage Chan M, Alaraj A, Rubin M, Calderon M, Herrera S, Roitberg B. Congress of Neurological Surgeons Annual Meeting San Diego, California | 2007 |
| Outcome of Symptomatic Cerebral Vasospasm on Presentation in Aneurysmal Subarachnoid Hemorrhage Alaraj A, Mander N, Rubin M, Charbel F, Amin-Hanjani S. Congress of Neurological Surgeons Annual Meeting Orlando, Florida | 2008 |
| The Alien Limb Phenomenon & Creutzfeldt-Jakob Disease Rubin M, Graff Radford J, Boeve B, Josephs K, Aksamit A. American Academy of Neurology Annual Meeting New Orleans, Louisiana | 2012 |
| Timing of Clinical Grade Assessment and Poor Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage Giraldo E, Mandrekar JN, Rubin MN, Dupont SA, Zhang Y, Lanzino G, Wijdicks EFM, Rabinstein AA. International Stroke Conference New Orleans, Louisiana | 2012 |
| A Delicate Handoff: Improving Transfer of Care from the Neurologic Intensive Care Unit (ICU) to Non-ICU Neurologic Hospital Services Morparia N, Coon E, Fabris R, Klaas J, Burkholder D, Broomall E, Graff-Radford J, Moore S, Morita H, Rubin M, Britton J. American Academy of Neurology Annual Meeting San Diego, California | 2013 |

- Systematic Review of Telestroke 2013
Rubin MN, Wellik KE, Channer DD, Demaerschalk BM
American Neurological Association Annual Meeting
New Orleans, Louisiana
- Safety and Efficacy of a Reduced Electroencephalography Electrode Array for Detection of Seizures 2013
Rubin MN, Jeffery O, Fugate JE, Britton J, Cascino GD, Worrell G, Hocker S, Wijdicks EFM, Rabinstein AA.
American Neurological Association Annual Meeting
New Orleans, Louisiana
- Systematic Review of Telestroke for Post-Stroke Care and Rehabilitation 2014
Rubin MN, Wellik K, Channer D, Demaerschalk BM
American Telemedicine Association Annual Meeting
Baltimore, Maryland
- Retreatment of the Guillain-Barre Syndrome 2014
Rubin MN, Hocker SE
Neurocritical Care Society Annual Meeting
Seattle, Washington
- Teleneurosonology 2015
Abstract Presentation
American Telemedicine Association Annual Meeting
Los Angeles, California
- Seizure Localization with IntraCranial Hemodynamics (SLICE) 2015
Abstract Presentation
American Neurological Association Annual Meeting
Chicago, Illinois
- Cerebral Emboli as a Biomarker of Early Stroke Recurrence (CERBERUS): A Transcranial Doppler-Based Pilot Study
Abstract Presentation (submitted)
Neurohospitalist Society Annual Meeting
Atlanta, GA
- Cerebral Emboli as a Biomarker of Early Stroke Recurrence (CERBERUS): A Transcranial Doppler-Based Pilot Study
Abstract Presentation (submitted)
International Stroke Conference 2016
Los Angeles, California

Regional**Oral**

- Educational Session for Area Stroke Coordinators 09/2013
American Heart Association/American Stroke Association Clinical Practice Guidelines Review
Jacksonville, Florida

Poster

Seizure Localization with IntraCranial hEmodynamics (SLICE) 04/2015
 Rubin MN, Spritzer SD, Drazkowski JF. Oral Presentation
 Academic Excellence Day
 Phoenix, Arizona

Clinical Practice, Interests, and Accomplishments

Inpatient neurology, acute stroke, transcranial Doppler (TCD), carotid duplex ultrasonography (CUS), advanced reperfusion strategies for cerebrovascular illness, teleneurological consultations.

Research Interests

Neurosonology, vascular neurology, teleneurology, general inpatient neurology, inpatient quality improvement.

Mayo IRB Protocols

Active

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|-----------------|--|-------------------|
| Co-Investigator | The Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial. NINDS. (11-008056) | 01/2012 - 12/2015 |
| Co-Investigator | Endovascular Arterial Reperfusion vs. Intravenous ThromboLYsis for Acute Ischemic Stroke (EARLY): A Randomized Pilot Study of Ultra-early (| 10/2012 - 09/2015 |
| Co-Investigator | Clinical Characteristics of Patients Receiving Multiple Rounds of Treatment for the Guillain-Barré Syndrome. Departmental funds for search fee. (12-009128) | 11/2012 - 10/2016 |
| Co-Investigator | Reliability of Robotic Telemedicine for Assessing Critically Ill Patients with the Full Outline of UnResponsiveness (FOUR) Score and Glasgow Coma Scale: Telecoma. Neurology department. (12-008262) | 11/2012 - 10/2015 |
| Co-Investigator | Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH)-II: A Phase III Randomized Multicenter Clinical Trial of Blood Pressure Reduction for Hypertension in Acute Intracerebral Hemorrhage. UMN/NIH. (12-009101) | 02/2013 - 01/2016 |
| Co-Investigator | Assessment of Empathy in Stroke Telemedicine. Program in Professionalism & Ethics. (13-001112) | 03/2013 - 02/2016 |
| Co-Investigator | A Phase 3, Randomized, Placebo-Controlled, Double-Blind Study of the Combined Lysis of Thrombus with Ultrasound and Systemic Tissue Plasminogen Activator (tPA) for Emergent Revascularization (CLOTBUST-ER) in Acute Ischemic Stroke. Cerevast Therapeutics, Inc. (12-008817) | 08/2013 - 07/2015 |
| Co-Investigator | Clinical Predictors of the Development of the Guillain-Barre Syndrome within 8 weeks of a surgical procedure. None. (14-008474) | 01/2015 - 01/2018 |

Completed

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| Co-Investigator | Predictors of the eventual need for Ventriculo-Peritoneal (VP) Shunt placement in patients presenting with Subarachnoid Hemorrhage. (06-002578) | 03/2006 - 10/2011 |
| Co-Investigator | Alien limb syndrome. No funds. (11-004663) | 07/2011 - 05/2013 |
| Co-Investigator | Clinical Associations of Stimulus-Induced Rhythmic, Periodic or Ictal Discharges. Mayo Clinic Department of Neurology (only if needed). (12-001832) | 03/2012 - 02/2013 |

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| Co-Investigator | Safety and Efficacy of a Reduced Montage for the Detection of Seizures and Severe Disturbances of Background in Hospitalized Patients. No funds. (12-004424) | 05/2012 - 04/2013 |
| Co-Investigator | Acute transcranial Doppler (TCD) hemodynamic parameters of acute cerebrovascular disease and alteration of consciousness. The only funding will be for biostats and a request is being submitted. (13-006041) | 10/2013 - 05/2015 |
| Co-Investigator | Seizure Localization with IntraCranial hEmodynamics (SLICE). No funding. (14-003943) | 06/2014 - 05/2015 |

Other

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|---|---------|
| Neuroscience ICU-to-Neurology Ward Transfer Summary Template Quality Improvement Project Mayo Clinic Rochester, Minnesota | 10/2011 |
| Acute Stroke Care Checklist: Rochester Quality Improvement Project Mayo Clinic Rochester/Jacksonville | 07/2012 |
| Automated Electronic Message for Hospitalized Patients Likely to Miss Upcoming Scheduled Outpatient Evaluation Quality Improvement Project Mayo Clinic Rochester, Minnesota | 01/2013 |
| Acute Stroke Care Checklist: Jacksonville Quality Improvement Project Mayo Clinic Rochester/Jacksonville | 08/2013 |
| Inpatient Stroke Discharge Template - Team Lead Silver Fellow Quality Improvement Project (submitted) Mayo Clinic Jacksonville, Florida | 03/2015 |
| Inpatient Stroke Discharge Template Quality Improvement Project (accepted) Mayo Clinic Phoenix, Arizona | 05/2015 |

Bibliography

Peer-reviewed Articles

1. Bendok BR, Halpin RJ, **Rubin MN**, Boco T, Przybylo J, Liu JC. Percutaneous Vertebroplasty. *Contemporary Neurosurgery*. 2004; 26(8):1-9.
2. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. Systematic review of teleneurology: methodology. *Front Neurol*. 2012; 3:156. Epub 2012 Nov 8. PMID:23162527. PMCID:3497715. DOI:10.3389/fneur.2012.00156.
3. Giraldo EA, Mandrekar JN, **Rubin MN**, Dupont SA, Zhang Y, Lanzino G, Wijidicks EF, Rabinstein AA. Timing of clinical grade assessment and poor outcome in patients with aneurysmal subarachnoid hemorrhage. *J Neurosurg*. 2012 Jul; 117(1):15-9. Epub 2012 Apr 27. PMID:22540398. DOI:10.3171/2012.3.JNS11706.
4. **Rubin M**, Graff-Radford J, Boeve B, Josephs KA, Aksamit AJ. The alien limb phenomenon and Creutzfeldt-Jakob disease. *Parkinsonism Relat Disord*. 2012 Aug; 18(7):842-6. Epub 2012 May 08. PMID:22575235. DOI:10.1016/j.parkreldis.2012.04.009.
5. **Rubin MN**, Garza I. A discrete lesion of the midpontine tegmentum causing migrainous headache and numbness. *Headache*. 2012 Oct; 52(9):1428-9. Epub 2012 Apr 05. PMID:22486155. DOI:10.1111/j.1526-4610.2012.02145.x.
6. **Rubin MN**, Eggers SDZ, Benarroch EE. Ocular motor dysfunction due to multiple sclerosis. *Neuroophthalmology*. 2013; 37(4):159-60.
7. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. A systematic review of telestroke. *Postgrad Med*. 2013 Jan; 125(1):45-50. PMID:23391670. DOI:10.3810/pgm.2013.01.2623.
8. **Rubin MN**, Rabinstein AA. Vascular diseases of the spinal cord. *Neurol Clin*. 2013 Feb; 31(1):153-81. PMID:23186899. DOI:10.1016/j.ncl.2012.09.004.
9. **Rubin MN**, Wijidicks EF. Fulminant streptococcal meningoenzephalitis. *JAMA Neurol*. 2013 Apr; 70(4):515. PMID:23400583. DOI:10.1001/jamaneurol.2013.1953.
10. Graff-Radford J, **Rubin MN**, Jones DT, Aksamit AJ, Ahlskog JE, Knopman DS, Petersen RC, Boeve BF, Josephs KA. The alien limb phenomenon. *J Neurol*. 2013 Jul; 260(7):1880-8. Epub 2013 Apr 10. PMID:23572346. PMCID:3914666. DOI:10.1007/s00415-013-6898-y.
11. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. Systematic review of teleneurology: neurohospitalist neurology. *Neurohospitalist*. 2013 Jul; 3(3):120-4. PMID:24167644. PMCID:3805445. DOI:10.1177/1941874413483754.
12. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. Systematic review of telestroke for post-stroke care and rehabilitation. *Curr Atheroscler Rep*. 2013 Aug; 15(8):343. PMID:23761014. DOI:10.1007/s11883-013-0343-7.
13. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. Role of telemedicine in providing tertiary neurological care. *Curr Treat Options Neurol*. 2013 Oct; 15(5):567-82. PMID:23749419. DOI:10.1007/s11940-013-0247-4.
14. **Rubin MN**, Barrett KM, Brott TG, Meschia JF. Asymptomatic carotid stenosis: What we can learn from the next generation of randomized clinical trials. *JRSM Cardiovasc Dis*. 2014 Jan; 3:2048004014529419. Epub 2014 Apr 8 PMID:25247072. PMCID:4157468. DOI:10.1177/2048004014529419.

15. **Rubin MN**, Jeffery OJ, Fugate JE, Britton JW, Cascino GD, Worrell GA, Hocker SE, Wijdicks EF, Rabinstein AA. Efficacy of a reduced electroencephalography electrode array for detection of seizures. *Neurohospitalist*. 2014 Jan; 4(1):6-8. PMID:24381704. PMCID:3869310. DOI:10.1177/1941874413507930.
16. **Rubin MN**, Demaerschalk BM. The use of telemedicine in the management of acute stroke. *Neurosurg Focus*. 2014 Jan; 36(1):E4. PMID:24380481. DOI:10.3171/2013.11.FOCUS13428.
17. **Rubin MN**, Demaerschalk BM. Legal considerations for the use of telemedicine in the management of stroke. *The SciTech Lawyer*. 2014 Spring; 10(3).
18. Cable CA, Freeman WD, **Rubin MN**, Khor A, Karnatovskaia LV. A 51-year-old man with seizures and progressive behavioral changes. *Chest*. 2015; 147(3):e86-9.
19. **Rubin MN**, Barrett KM, Freeman WD, Lee Iannotti JK, Channer DD, Rabinstein AA, Demaerschalk BM. Teleneurosonology: a novel application of transcranial and carotid ultrasound. *J Stroke Cerebrovasc Dis*. 2015 Mar; 24(3):562-5. Epub 2014 Dec 23. PMID:25542763. DOI:10.1016/j.jstrokecerebrovasdis.2014.09.032.
20. **Rubin MN**, Barrett KM. What to do with wake up stroke. *The Neurohospitalist*. 2015 Mar 16. [Epub ahead of print]
21. **Rubin MN**, Fugate JE, Barrett KM, Rabinstein AA, Flemming KD. An acute stroke evaluation app: a practice improvement project. *Neurohospitalist*. 2015 Apr; 5(2):63-9. PMID:25829986. PMCID:4357602. DOI:10.1177/1941874414564982.
22. O'Carroll CB, **Rubin MN**, Chong BW. What is the role for intra-arterial therapy in acute stroke intervention? *The Neurohospitalist* 2015, 5(3):122-132

Book Chapters

1. **Rubin MN**, Lanzino G, Rabinstein AA. Aneurysms: CNS. In: *Encyclopedia of Life Sciences (ELS)*. Chichester: John Wiley & Sons; 2010 May. (Book chapter)
2. **Rubin MN**, Barrett KM. Teleneurohospitalist. In: Demaerschalk BM, Tsao J. *Teleneurology in Practice: A Comprehensive Clinical Guide* Springer; 2014. (Book chapter)
3. **Rubin MN**, Demaerschalk BM, Schwamm L, Wechsler L. Telestroke. In: Demaerschalk BM, Tsao J. *Teleneurology in Practice: A Comprehensive Clinical Guide* Springer; 2014. (Book chapter)
4. **Rubin MN**, Freeman WD, Aguilar MI. Secondary stroke prevention - cardioembolic stroke. In: Turan T, Ovibigile B. *Ischemic Stroke Therapeutics: A Comprehensive Guide*. Springer Science; 2014. (Book chapter)
5. **Rubin MN**, Rabinstein AA. Neurologic Manifestations of Medical Diseases: Electrolyte Disturbances. In: *Neurobiology of Disease (in press)* 2nd ed. 2014. (Book chapter)
6. **Rubin MN**. Bacterial Infection of the Nervous System. In: *Mayo Clinic Neurology Board Review (in press)* 2014. (Book chapter)
7. **Rubin MN**. Legal considerations in the use of telemedicine in neurology. In: Demaerschalk BM, Tsao J. *Teleneurology in Practice: A Comprehensive Clinical Guide* Springer; 2014. (Book chapter)

Commentaries

1. **Rubin MN.** The alien limb phenomenon and Creutzfeldt-Jakob disease. *Parkinsonism Relat Disord.* 2013 Mar; 19(3):378. Epub 2012 Sep 29 PMID:23025979. DOI:10.1016/j.parkreldis.2012.08.009.

Abstracts

1. Chan M, Alaraj A, **Rubin M**, Calderon M, Herrera S, Roitberg B. Risk for Second Aneurysmal Rebleed After Placement of External Ventricular Drains in a Population of Patients with Aneurysmal Subarachnoid Hemorrhage. Congress of Neurological Surgeons Annual Meeting, San Diego, CA. 2007.
2. Alaraj A, Mander N, **Rubin M**, Charbel F, Amin-Hanjani S. Outcome of Symptomatic Cerebral Vasospasm on Presentation in Aneurysmal Subarachnoid Hemorrhage. Congress of Neurological Surgeons Annual Meeting, Orlando, FL. 2008.
3. Giraldo E, Mandrekar JN, **Rubin MN***, Dupont SA, Lanzino G, Wijdicks EFM, Rabinstein AA. Timing of Clinical Grade Assessment and Poor Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage. *Stroke.* 2012 Feb; 43. Abstract no. A2326.
4. **Rubin M**, Graff-Radford J, Boeve B, Josephs K, Aksamit A. The alien limb phenomenon & Creutzfeldt-Jakob disease. *Neurology.* 2012 Apr; 78.
5. **Rubin MN**, Jeffery O, Fugate JE, Britton J, Cascino GD, Worrell G, Hocker S, Wijdicks EFM, Rabinstein AA. Safety and Efficacy of a Reduced Electroencephalography Electrode Array for Detection of Seizures. American Neurological Association Annual Meeting, New Orleans, LA. 2013.
6. **Rubin M**, Wellik K, Channer D, Demaerschalk BM. Systematic Review of Telestroke. *Annals of Neurology.* 2013.
7. Morparia N, Coon E, Fabris R, Klaas J, Burkholder D, Broomall E, Graff-Radford J, Moore S, Morita H, **Rubin M**, Jones LK, Britton J. A delicate handoff: Improving transfer of care from the neurologic intensive care unit to non-ICU level of care in the hospital setting. *Neurology.* 2013.
8. **Rubin MN**, Wellik KE, Channer DD, Demaerschalk BM. Systematic review of telestroke for post-stroke care and rehabilitation. *Telemedicine and e-Health 2014. ATA Annual Meeting Proceedings.* 2014 May.
9. **Rubin MN**, Hocker SE. Retreatment of the Guillain-Barre Syndrome. Neurocritical Care Society Annual Meeting, Seattle, WA. 2014 Sep.
10. **Rubin MN.** Cerebral Emboli as a Biomarker of Early Stroke Recurrence (CEREBRUS): A Transcranial Doppler-based Pilot Study (submitted) International Stroke Conference, Los Angeles, CA. 2015.
11. **Rubin MN.** Asymptomatic Carotid Atherosclerosis and Dysfunction from Embolic Material of the Ipsilateral Carotid (ACADEMIC). International Stroke Conference. Nashville, TN. 2015 Feb.

Miscellaneous

1. **Rubin MN.** Review of Neurology in Practice: Stroke Doody's Review Service (on-line). Available at: <http://www.doody.com>. Accessed 07/10/2013. (Book review)
2. **Rubin MN.** Review of Navigating the Complexities of Stroke. Doody's Review Service (on-line). Available at: <http://www.doody.com>. Accessed 10/15/2013. (Book review)

3. **Rubin MN.** Review of Practical Guide to Neurovascular Emergencies. Doody's Review Service (on-line). Available at: <http://www.doody.com>. Accessed 01/03/2014. (Book review)