

Seemant Chaturvedi, MD
Professor, Department of Neurology
University of Maryland School of Medicine

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Contact information

Department of Neurology

University of Maryland

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Foreign languages: Hindi

Education

1981-1985 AB, Princeton University (Cum Laude)

1985-1989 MD, University of Connecticut School of Medicine

Post-graduate Education and Training

1989-1990 Internal Medicine Internship, St. Francis Hospital; Hartford, CT

1990-1993 Neurology Residency, Univ. of Massachusetts Medical Center

1993-1994 Stroke Fellowship, Univ. of Western Ontario; London, Ontario, Canada

Certifications

1994 Neurology

2005 Neurology recertification

2008 Vascular Neurology

2016 Neurology recertification

Medical Licensures

1994-2016 Inactive, State of Michigan

2014-present Active, State of Florida
2018 Pending, State of Maryland

Employment History

1994-1999 Assistant Professor Department of Neurology Wayne State University
1999-2006 Associate Professor Department of Neurology Wayne State University
2006-2014 Professor Department of Neurology Wayne State University
2014-present Professor: Department of Neurology, University of Miami Miller School of Medicine

Professional Society Memberships

1993-present American Academy of Neurology (AAN)
1996-2000 Member: American Assn. for the Study of Headache
2005-present Fellow: American Academy of Neurology (FAAN)
2001-present Member: American Neurological Association (ANA)
2001-present Fellow: American Heart Association (FAHA)
2001-present Fellow: Stroke Council, American Heart Association
2012-present American Neurological Association (ANA); (FANA)
2016-present Fellow: European Stroke Organization (ESO)
2005-2008 Executive Committee: Michigan Neurological Association
2010-2012 Executive Committee: Michigan Neurological Association
2008 Vice-President, Michigan Neurological Association
2001-2004 Executive Committee Member: Assn of Indian Neurologists in America (AINA)
2007-2009 Executive Committee Member: Assn of Indian Neurologists in America (AINA)
2012-present Executive Committee Member: Assn of Indian Neurologists in America (AINA)

Honors & Awards

1989 Scholar in Medicine
Univ. of Connecticut School of Medicine
1992-1993 Chief Resident in Neurology
Univ. of Massachusetts Medical Center
5/98 Nominated for Wayne State University Faculty Research Excellence Award
6/22/99 Best Clinical Poster Award at International Headache Society meeting, Barcelona, Spain: "Increased Serotonin Synthesis in Migraine"

2001 Wayne State University College Teaching Award

1999-present Listed in *Best Doctors in America*

3/2012 Awarded Honorary membership in Indian Stroke Association

9/16/13 Marcia and Donald Pellar Visiting Professorship in Neurology; Mayo Clinic; Jacksonville, FL

Clinical activities

1994-2014 Neurologist, Harper University Hospital
1994-2014 Neurologist, Detroit Receiving Hospital
1994-2014 Consultant Neurologist, Rehabilitation Institute of Michigan
1994-2014 Consultant Neurologist, Children's Hospital of Michigan
1996-2001 Co-director, Harper Hospital Acute Stroke Unit
1998-2001 Co-Director, WSU Vascular Neurology Fellowship
1998-2001 Associate Director, WSU/DMC Stroke Program
2001-2002 Interim Director, WSU/DMC Stroke Program
2001-2006 Director, WSU Vascular Neurology Fellowship
2002-2014 Director, WSU/Detroit Medical Center (DMC) Stroke Program
2010-2013 Medical Director, Michigan Stroke Network
2010-2014 Consultant Neurologist: St. Joseph Mercy Oakland Hospital
2013-2014 Consultant Neurologist: William Beaumont Hospital
2014-present Chief of Neurology, Miami VA Medical Center

Administrative Service

2002-2014 Stroke Program Director; Wayne State University/Detroit Medical Center
2009-2010 President, Michigan Neurological Association
2014-present Chief of Neurology, Miami VA Hospital
2014-present Member: University of Miami Neurology Department Executive committee
2017-present President, Association of Indian Neurologists in America

Local & National Service

1993-1994 Neurological Coordinator, North American Symptomatic Carotid Endarterectomy Trial (NASCET)
1998 American Academy of Neurology stroke abstract reviewer
2000 Course Director: AAN meeting for "TIAs and related syndromes"
2000 American Stroke Association abstract reviewer
2001 Course Director: AAN meeting for "TIAs and related syndromes"
2001 American Stroke Association abstract reviewer
2002 Course Director: AAN meeting for "TIAs and related syndromes"
2003 Course Director: AAN meeting for "TIAs and related syndromes"
2002 American Stroke Association abstract reviewer
2003 Oral Examiner: American Board of Psychiatry and Neurology Oral Exams; Chicago, IL

2008 Transcatheter Cardiovascular Therapeutics (TCT) meeting abstract reviewer
 2008 American Heart Association Scientific Sessions abstract reviewer
 2008 Indo-US Science & Technology Forum grant reviewer
 2008 External reviewer: ASA stroke telemedicine Scientific Statement
 2009 External reviewer: ASA/ACCF/AHA 2009 guideline on the management of patients with
 extracranial carotid and vertebral artery disease
 2009 Transcatheter Cardiovascular Therapeutics (TCT) meeting abstract reviewer
 2009 American Heart Association Scientific Sessions abstract reviewer
 2010 American Heart Association Scientific Sessions abstract reviewer
 2010 American Stroke Association International Stroke Conference abstract reviewer
 2009 Faculty 1000 Medicine expert reviewer for Cerebrovascular disease
 2010 Transcatheter Cardiovascular Therapeutics (TCT) meeting abstract reviewer
 2011 American Stroke Association International Stroke Conference abstract reviewer
 2011 Member: AAN Annual Meeting Subcommittee
 2011 American Heart Association Scientific Sessions abstract reviewer
 2011 Grant reviewer: NIH US-India Bilateral Brain Research Collaborative Partnership
 2011 Grant reviewer: Austrian Science Fund
 2011 Transcatheter Cardiovascular Therapeutics (TCT) meeting abstract reviewer
 2012 American Stroke Association International Stroke Conference abstract reviewer
 2012 American Academy of Neurology Annual Meeting abstract reviewer
 2013 Program committee member: International Stroke Conference
 2013 American Stroke Association International Stroke Conference
 abstract reviewer
 2013 American Academy of Neurology Annual Meeting abstract reviewer
 2013 American Heart Association Scientific Sessions abstract reviewer
 2014 American Stroke Association International Stroke Conference
 abstract reviewer
 2014 Program committee member: International Stroke Conference
 2013 Grant reviewer: NIH special emphasis panel for Stroke Trials Network
 2014 American Academy of Neurology Annual Meeting abstract reviewer
 2014 American College of Cardiology Annual meeting abstract reviewer
 2014 American Heart Association Scientific Sessions abstract reviewer
 2015 American Academy of Neurology Annual Meeting abstract reviewer
 2015 European Stroke Organization Conference abstract reviewer
 2015 Program committee member: International Stroke Conference
 2016 Review committee member: AAN Michael Pessin Stroke Leadership award
 2016 European Stroke Organization Conference abstract reviewer
 2016 American College of Cardiology Annual meeting abstract reviewer
 2016 External reviewer: Canadian Stroke Best Practices guidelines
 2016 International Stroke Conference abstract reviewer
 2016 American Neurological Association (ANA) Cerebrovascular special interest group co-
 chair
 2017 External reviewer: Netherlands Organization for Scientific Research Vidi program
 2017 External reviewer: British Heart Foundation grants program
 2017 European Stroke Organization Conference abstract reviewer
 2017 Review committee member: AAN Michael Pessin Stroke Leadership award

2017 American Neurological Association (ANA) Cerebrovascular special interest group chair
2018 External reviewer: Netherlands Organization for Scientific Research Vidi program
2018 Review committee member: AAN Michael Pessin Stroke Leadership award
2018 European Stroke Organization Conference abstract reviewer
2018 AHA International Stroke Conference abstract reviewer
2018 Univ. of Miami CTSI Pilot Grant reviewer

Editorial Responsibilities:

2016-present

Associate Editor:

NEJM Journal Watch Neurology

2015-present

Assistant Editor: *Stroke*

Editorial Board member:

Stroke 2007-2015

Neurology 2010-present

Journal Watch Neurology 2012-2016

Journal of Stroke & Cerebrovascular Diseases 2015-present

Stroke & Vascular Neurology 2016-present

Reviewer:

The Lancet 2003

Neurology: 1998, 1999, 2001-present

Stroke: 1997-present

Nature Clinical Practice Neurology: 2005-2007

Archives of Neurology: 1993, 1994, 2008

JAMA Neurology 2014, 2016-2017

Annals of Neurology: 1994, 2006-2007, 2009-10, 2017

Journal of Neurological Sciences: 1998-2013, 2016-17

Journal of Stroke & Cerebrovascular Diseases: 1998-2003, 2006, 2008-15

Journal of Neurology, Neurosurgery, and Psychiatry 1998, 2001, 2006, 2008-2011

Journal of the American Osteopathic Association: 2001

Depression and Anxiety: 2002

European Journal of Neurology: 2004, 2013

Therapeutics and Clinical Risk Management: 2006

The Lancet Neurology: 2008-2010, 2012, 2016, 2018

Stroke Research and Treatment: 2009, 2013

The Neurologist: 2010, 2012

Neurosurgery 2010

Nature Reviews Cardiology 2011

Circulation 2012, 2013, 2015-2017

Circulation: Cardiovascular Interventions 2012, 2014

Cerebrovascular Diseases 2012, 2014, 2016, 2017

Mayo Clinic Proceedings 2012
BMJ (British Medical Journal) 2012, 2013
JAMA (Journal of the American Medical Association) 2012
Neurology Clinical Practice 2012, 2013, 2015
Journal of the American Heart Association (JAHA) 2014, 2016, 2017
JAMA Internal Medicine 2015, 2016
International Journal of Stroke 2015
Neuroepidemiology 2015
Canadian Journal of Neurological Sciences 2016
The Neurohospitalist 2017
Translational Stroke Research 2017

Teaching Service

Wayne State University

A. Graduate Professional

General Neurology Service Clinical Teaching Rounds, Two months per year, 12/94-2013

Lecturer to neurology residents, Wayne State University; 12/94-2014

Organized and conducted monthly cerebrovascular conference for neurology residents, Wayne State University; 9/97-2013

Stroke lecture for Internal Medicine residents summer emergency lecture series, 1996-2001

Neurology MKSAP review for Internal Medicine residents; 1996, 1997, 1999

Lecturer to Dept. of Radiology residents: 1999, 2000

Lecturer to Cardiology fellows, 1999, 2000, 2001, 2004, 2006, 2008

Lecturer to Emergency Medicine residents: 2006

Clinical case discussions with vascular neurology fellows (bimonthly, one hour): 2002-2013

Course Director: "Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/27/01; Dearborn, MI

Course Director: "Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/26/02; Birmingham, MI

Course Director: "3rd annual Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/25/03; Birmingham, MI

Course Director: "Atrial fibrillation and stroke" symposium CME program; Sponsored by WSU Neurology Department; 10/2/04; Troy, MI

Course Director: "4th annual Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/23/04; Birmingham, MI

Course Director: "5th annual Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/22/05; Birmingham, MI

Conference Director: Michigan Neurologic Association Annual CME Meeting; 7/29-7/30/06; Thompsonville, MI

Course Director: "6th annual Neurology for the non-neurologist" CME program; Sponsored by WSU Neurology Department; 10/14/06; Birmingham, MI

Conference Director: Michigan Neurologic Association Annual CME Meeting; 8/07;
Thompsonville, MI
Course Director: “7th annual Neurology for the non-neurologist” CME program;
Sponsored by WSU Neurology Department; 10/27/07; Troy, MI
Course Director: “8th annual Neurology for the non-neurologist” CME program;
Sponsored by WSU Neurology Department; 10/25/08; Troy, MI
Course Director: Large Artery Disease; American Academy of Neurology
Teaching course; Honolulu, HI; 4/11/11
Course Co-Director: Brain Attack 2011: What’s new in Stroke? WSU conference; Troy,
MI; 11/19/11
Course Director: Approach to asymptomatic and incidental neurovascular conditions;
American Academy of Neurology teaching course; Washington, DC; 4/18/15
Course Director: Approach to asymptomatic and incidental neurovascular conditions;
AAN teaching course; Vancouver, CA; 4/26/16
Course Director: Stroke update for AAN Fall conference; Las Vegas, NV; 10/14/16
Course Director: Approach to asymptomatic and incidental neurovascular conditions;
AAN teaching course; Boston, MA; 4/24/17
Course Director: Approach to asymptomatic and incidental neurovascular conditions;
AAN teaching course; Los Angeles, CA; 4/27/18

University of Miami

General Neurology Rounds; one week per month
3 residents, 2 interns, 2 students, 2-3 hours per day

A. Graduate Professional fellows supervised Wayne State University Stroke Fellowship

Nishith Joshi, MD 7/97-6/99
Luis D’Olhaberriague, MD 7/98-6/00
Ramesh Madhavan MD, 7/01-6/02
Mar Castellanos MD, 1/02-12/02
Mohammed Sunbulli MD, 7/03-6/04
Mark Borsody MD PhD, 7/04-6/05
Sunitha Santhakumar MD, 7/05-6/06
Abraham Kuruvilla MD, 1/08-6/09
Aniel Majjhoo MD, 7/09-6/30
Pratik Bhattacharya MD, 7/10-6/11
Amit Kansara MD, 7/11-6/12
Ambooj Tiwari MD, 7/11-6/12
Mahmoud Rayes MD, 7/12-6/13
Wazim Mohamed MD, 8/12-7/13

University of Miami Stroke Fellowship

Vikas Pandey (9/14-6/15)
Sushrut Dharmadakhiri (9/14-6/15)
Priyank Khandelwal (9/14-6/15)
Erika Marulanda-Londono (7/15-6/16)

Pankaj Sharma (7/15-6/16)
Varun Chaubal (7/15-6/16)
Moayd Alkifallah (7/16-7/17)
George Dillon (7/16-6/17)
Paul Gadiant (7/16-6/17)
Sushanth Aroor (7/17-6/18)
Nicole Beaton Sur (7/17-6/18)
Nirav Bhatt (7/17-6/18)
Luis Torres (7/18-present)
Victor Del Brutto (7/18-present)
M. Zeeshan Memon (7/18-present)

B. Medical students

University of Miami

Clinical teaching rounds for year IV students on neurology service (9/14-present)

Wayne State University

Clinical Teaching Rounds for year III students on neurology service (two months per year), 12/94-2013

Stroke lecture for year II neuroscience course, 1996

Neurology case discussions for year II neuroscience course, 1994, 1996-1997, 2006

Neurology USLME review for year II students, 1995-1999

Supervised year II medical students on simulated patient encounters (OSCE), 1996, 2001

Grant Support

Active funding:

2016-present: (PI, 10% effort)
Arrhythmia Detection In Obstructive Sleep apnea (ADIOS)
Funding agency: Boehringer-Ingelheim
Amount awarded: \$370,000 (approximate)

2015-present: (PI, 10% effort)
Electronic Decision support for Improvement of Contemporary Therapy for Stroke prevention (EDICTS)
Funding agency: ACT program
Amount awarded: \$330,000 (approximate)

2015-present (Site PI, 5% effort)
Randomized, double-blind, Evaluation in secondary Stroke Prevention comparing the Efficacy and safety of the oral Thrombin inhibitor dabigatran etexilate versus acetylsalicylic acid in patients with Embolic Stroke of Undetermined Source (RESPECT-ESUS)

Funding agency: Boehringer-Ingelheim

- 2014-present (Executive Committee member: 5% effort, PI: T. Brott)
Carotid Revascularization and Medical Management for Asymptomatic Carotid Stenosis (CREST 2) (5% effort, PI: T. Brott)
Funding agency: NINDS
- 2008-present Executive Committee member: Asymptomatic Carotid Trial (ACT I)
Funding agency: Abbott Vascular
- 2016-present Executive Committee member: AtRial Cardiopathy and Antithrombotic Drugs In prevention After cryptogenic stroke (ARCADIA) (PI: M. Elkind)
Funding agency: NINDS
- 2015-present Management/Steering Committee member: CREST 2 Registry
Funding agency: NINDS and multiple private industry partners

Completed grants

- 1995-1997 (site PI, 5% effort)
North American Symptomatic Carotid Endarterectomy Trial (NASCET)
Funding agency: NIH/ Robarts Institute
Amount awarded: \$43,958
- 1995-2000 (site PI, 5% effort)
Antiphospholipid Antibodies in Stroke Study (APASS)
Funding agency: NIH/Henry Ford Hospital
- 1995-2001 (site PI, 10% effort)
Warfarin Aspirin Recurrent Stroke Study (WARSS)
Funding agency: NIH/Columbia University
Amount awarded: \$215,000 (approximate)
- 1995-1999 (site PI, 5% effort)
Patent Foramen Ovale in Cryptogenic Stroke Study (PICSS)
Funding agency: NIH/Columbia University
- 1995-1997 (site PI, 10% effort)
Trial of Org 10172 in Acute Stroke Treatment (TOAST)
Funding agency: NIH/Univ. of Iowa
Amount awarded: \$31,558
- 1995-1998 (site PI, 5% effort)
Aspirin and Carotid Endarterectomy (ACE) Trial
Funding agency: NIH/McMaster University
Amount awarded: \$22,000

1995-1996 (site PI, 5% effort)
International Stroke Trial (IST)
Funding agency: MRC (UK)

1996-2004 (site PI, 10% effort)
African American Antiplatelet Stroke Prevention Study (AAASPS)
Funding agency: NIH/Rush Presbyterian-St. Luke's Hospital
Amount awarded: \$256,000 (approximate)

1996-1998 (site PI, 5% effort)
Alteplase Thrombolysis for Acute Noninterventional Treatment of Ischemic Stroke (ATLANTIS)
Funding agency: Genentech
Amount awarded: \$25,660

1996-1997 (site PI, 5% effort)
A placebo-controlled study to determine the effects of 500 mg citicoline in ischemic stroke patients
Funding agency: Interneuron Pharmaceuticals
Amount awarded: \$56,136

1997-1999 (PI, 5% effort)
Prospective determination of clinical thromboembolism and coagulation abnormalities in patients with cancer
Funding agency: American Cancer Society
Amount awarded: \$11,000

1997-1998 (site PI, 5% effort)
Activated Protein C Resistance and the Risk of Ischemic Stroke in the Young
Funding agency: CDC/Emory University
Amount awarded: \$5480

1997-1998 (PI, 5% effort)
A Positron Emission Tomography Study of Serotonin Synthesis in Patients with Migraine Headache
Funding agency: American Assn. for the Study of Headache
Amount awarded: \$20,000

1997-1998 (Steering Committee member, 5% effort)
A Phase 2, Double-Blind, Placebo-Controlled, Pharmacology and Dose Ranging Safety Study of Hu23F2G in Patients with Ischemic Stroke
Funding agency: ICOS Corporation
Amount awarded: \$42,500

1997-1998 (site PI, 5% effort)
A randomized, double-blind, placebo-controlled parallel group multicenter trial of two doses of Fibrinolytic in patients with acute stroke
Funding agency: Wyeth-Ayerst Pharmaceuticals
Amount awarded: \$10,000

1998-2000 (site PI, 5% effort)
The effects of 2000 mg citicoline on clinical outcome and the evolution of lesion volume in human stroke
Funding agency: Interneuron Pharmaceuticals
Amount awarded: \$97,500

1998-2004 (Steering Committee Member, 10% effort)
Warfarin vs. Aspirin for Symptomatic Intracranial Disease (WASID)
Funding agency: NIH/Emory University
Amount awarded: \$196,000

1999-2003 (site PI, 5% effort)
Vitamin Intervention for Stroke Prevention (VISP)
Funding agency: NIH/Bowman Gray Medical Center
Amount awarded: \$102,000 (approximate)

2000-2004 (PI, 10% effort)
Early identification of African Americans at high risk for stroke
Funding agency: Blue Cross & Blue Shield of Michigan Foundation
Amount awarded: \$146,640

2000-2006 (site PI, 5% effort)
A double-blind, randomized, placebo-controlled study of atorvastatin as prevention of cerebrovascular events in patients with a previous transient ischemic attack (TIA) or stroke (SPARCL)
Funding agency: Pfizer Pharmaceuticals
Amount awarded: \$75,545

2001-2002 (site PI, 5% effort)
Siblings with Ischemic Stroke Study (SWISS)
Funding agency: NIH/Mayo Clinic

2003-2008 (site PI, 5% effort)
Prevention Regimen for Effectively avoiding Second Strokes (PROFESS)
Funding agency: Boehringer-Ingelheim Pharmaceuticals
Amount awarded: \$71,644

- 2004-2006 (site PI, 5% effort)
 A phase IIb randomized, double-blind, placebo-controlled, group-sequential, multicenter, dose finding study of the safety and efficacy of SUN N4057 (piclozotan) administered for 72 hours by continuous intravenous infusion in subjects with acute ischemic stroke and measurable penumbra on MRI
 Funding agency: Daiichi Asubio Pharmaceuticals
 Amount awarded: \$25,000 (approximate)
- 2005-2013 (site PI, 5% effort)
 Secondary prevention of small, subcortical strokes (SPS3)
 Funding agency: NIH
- 2006-2008 (PI, 5% effort)
 Application of a structured vascular risk factor intervention program to an urban high-risk population
 Funding agency: Blue Cross Blue Shield of Michigan Foundation
- 2007-2011 (site PI, 5% effort)
 Stenting and Aggressive Medical Management for Preventing Recurrent stroke in Intracranial Stenosis (SAMMPRIS)
 Funding agency: NIH
- 2007-2012 (site PI, 5% effort)
 A multi-center, randomized, double-blind, placebo-controlled study to evaluate the safety and efficacy of SCH 530348 in addition to standard of care in subjects with a history of atherosclerotic disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TIMI 50)
 Funding agency: Schering Plough Research Institute
- 2007-2011 (site PI, 5% effort)
 ROCKET-AF (Rivaroxaban once daily oral direct Factor Xa inhibition compared with vitamin K antagonism for prevention of stroke and embolism trial in atrial fibrillation)
 Funding agency: Johnson & Johnson, Bayer Health Care
- 2007-2014 (Executive Committee member, 5% effort)
 PROTECTed carotid artery stenting in subjects at high risk for carotid endarterectomy (CEA)
 Funding agency: Abbott Vascular

2007-2012 (Executive Committee member, 5% effort)
 CAPTURE 2 study
 Funding agency: Abbott Vascular

2008-2010 (site subinvestigator, 5% effort; PI: K. Rajamani)
 Stroke care delivery and outcomes: Comparison between JCAHO-certified primary stroke centers and non-certified hospitals
 Funding agency: Blue Cross Blue Shield of Michigan Foundation
 Funding amount: \$82,159

2010-2013 (site subinvestigator, 5% effort; PI: R. Welch)
 Platelet-oriented inhibition in New TIA and minor stroke (POINT)
 Funding agency: NIH

2010-2013 (site PI, 5% effort)
 A phase 3, randomized, double-blind, double-dummy, parallel group, multi-center, multi-national study for evaluation of efficacy and safety of DU-176B versus warfarin in subjects with atrial fibrillation (ENGAGE AF-TIMI 48)
 Funding agency: Daiichi Sankyo

2011-2015 (Executive Operations Committee neurology consultant, 2% effort)
 EXCEL trial
 Funding agency: Abbott Vascular

2012-2013 (PI, 5% effort)
 Use of rosuvastatin to achieve lipid targets in African American subjects with cerebrovascular disease
 Funding agency: Astra Zeneca

2013-2014 (PI, 10% effort)
 Improving the identification of women at increased risk for stroke in an urban medical center
 Funding agency: Pfizer
 Amount awarded: \$492,800

Publications

Peer-reviewed journal articles

1. **Chaturvedi S**, Hachinski V. New concepts in diagnosis and management of transient ischemic attacks. *Postgrad. Med.* 1994; 96: 42-54.
2. **Chaturvedi S**, Fisher M. Current treatment of acute cerebrovascular disease. *Advances in Clinical Neuroscience* 1994; 4: 369-377.
3. **Chaturvedi S**. Fulminant cerebral infarctions with membranous nephropathy. *Stroke* 1993; 24: 473-75.
4. **Chaturvedi S**, Recht L, Ansell J. Should cerebral ischemic events in cancer patients be considered a manifestation of hypercoagulability? *Stroke* 1994; 25: 1215-18.
5. **Chaturvedi S**, Ostbye T, Stoessel AJ, Merskey H, Hachinski V. Environmental exposures in elderly Canadians with Parkinson's disease. *Can J Neurol Sci* 1995; 22: 232-4.
6. **Chaturvedi S**, Shein N. Coexistence of mitral valve strands and anticardiolipin antibodies in a young woman with bilateral stroke. *J Neurovasc Dis* 1997; 2: 97-100.
7. Goldstein LB, Moore WS, Robertson JT, **Chaturvedi S**. Complication rates for carotid endarterectomy: A call to action. *Stroke* 1997; 28: 889-890.
8. International Stroke Trial Collaborative Group. The International Stroke Trial (IST): a randomised trial of aspirin, subcutaneous heparin, both, or neither among 19,435 patients with acute ischemic stroke. *Lancet* 1997; 349: 1569-1581 (**S. Chaturvedi**, local principal investigator).
9. The WARSS, APASS, PICSS, HAS, and GENESIS Study Groups. The feasibility of a collaborative double-blind study using an anticoagulant. *Cerebrovasc Dis* 1997; 7: 100-112 (**S. Chaturvedi**, local principal investigator)
10. Adams HP, Woolson RF, Clarke WR, et al. Design of the Trial of Org 10172 in Acute Stroke Treatment (TOAST). *Controlled Clinical Trials* 1997; 18: 358-377 (**S. Chaturvedi**, local principal investigator)
11. **Chaturvedi S**, Femino L. A pilot study regarding knowledge of stroke risk factors in an urban community. *J Stroke Cerebrovasc Dis* 1997; 6: 426-429.
12. **Chaturvedi S**, Policherla P, Femino L. Cerebral angiography practices at United States teaching hospitals: Implications for carotid endarterectomy. *Stroke* 1997; 28: 1895-1897.

13. **Chaturvedi S**, Hachinski V. Does the Neurologist Add Value to the Carotid Endarterectomy Patient? *Neurology* 1998; 50: 610-613.
14. **Chaturvedi S**. Medical, surgical, and interventional treatment for carotid artery disease. *Clin Neuropharmacol* 1998; 21: 205-214.
15. The publications committee for the Trial of Org 10172 in Acute Stroke Treatment (TOAST) investigators. Low molecular weight heparinoid, Org 10172 (danaparoid), and outcome after acute ischemic stroke. A randomized controlled trial. *JAMA* 1998; 279: 1265-1272. (**S. Chaturvedi**, local principal investigator)
16. Gorelick PB, Leurgans S, Richardson D, Harris Y, Billingsley M, and the AAASPS Investigators. African American Antiplatelet Stroke Prevention Study (AAASPS): Clinical Trial Design. *J Stroke Cerebrovasc Dis* 1998; 7: 426-434. (**S.Chaturvedi** local principal investigator)
17. Barnett HJM, Taylor DW, Eliasziw M, et al. Benefit of carotid endarterectomy in patients with symptomatic moderate or severe stenosis. *NEJM* 1998; 339: 1415-1425. (**S. Chaturvedi**, local PI)
18. The International Study of Unruptured Intracranial Aneurysms Investigators. Unruptured intracranial aneurysms- Risk of rupture and risks of surgical intervention. *N Engl J Med* 1998; 339: 1725-1733 (**S. Chaturvedi**, local investigator)
19. **Chaturvedi S**, Femino L. Are carotid endarterectomy complication rates being monitored? *Neurology* 1998; 50: 1927-1928.
20. **Chaturvedi S**, Halliday A. Is another clinical trial warranted regarding carotid endarterectomy for asymptomatic stenosis? *Cerebrovasc Dis* 1998; 8: 210-213.
21. **Chaturvedi S**, Bertasio B, Femino L. Emergency physician attitudes toward thrombolytic therapy in acute stroke. *J Stroke Cerebrovasc Dis* 1998; 7: 442-445.
22. **Chaturvedi S**, Dzieczkowski J. Multiple hemostatic abnormalities in young adults with activated protein C resistance and cerebral ischemia. *J Neurol Sci* 1998; 159: 209-212.
23. **Chaturvedi S**. Coagulation abnormalities in adults with cryptogenic stroke and patent foramen ovale. *J Neurol Sci* 1998; 160: 158-160.
24. Alberts M, **Chaturvedi S**, Graham G, Hughes R, Jamieson D, Krakowski F, Raps E, Scott P, for the National Acute Stroke Team Group. Acute stroke teams: results of a national survey. *Stroke* 1998; 29: 2318-2320.

25. **Chaturvedi S**, Dzieczkowski J. Protein S deficiency, activated protein C resistance, and sticky platelet syndrome in a young woman with bilateral strokes. *Cerebrovasc Dis* 1999; 9: 127-130.
26. **Chaturvedi S**. Public health impact of carotid endarterectomy. *Neuroepidemiology* 1999; 18: 15-21.
27. **Chaturvedi S**. Is carotid endarterectomy appropriate for asymptomatic stenosis? No. *Arch Neurol* 1999; 56: 879-881.
28. **Chaturvedi S**, Hickenbottom S, Levine SR. Ischemic stroke prevention. *Current Treatment Options in Neurology* 1999; 1: 113-125.
29. **Chaturvedi S**. Current status of carotid stenting. *Stroke Clinical Updates* 1999; 9: 5 (Published by National Stroke Association)
30. Taylor DW, et al., for the ASA and Carotid Endarterectomy (ACE) Trial Collaborators. Low-dose and high-dose acetylsalicylic acid for patients undergoing carotid endarterectomy: a randomised controlled trial. *Lancet* 1999; 353: 2179-2184. (**S. Chaturvedi**, local PI)
31. Tanne D, et al., for the t-PA Stroke Survey Group. Initial clinical experience with IV tissue plasminogen activator for acute ischemic stroke: A multicenter survey. *Neurology* 1999; 53: 424-427 (**S. Chaturvedi**, participant)
32. Clark WM, Wissman S, Albers GW, et al., for the ATLANTIS Study Investigators. Recombinant tissue-type plasminogen activator (Alteplase) for ischemic stroke 3 to 5 hours after symptom onset. *JAMA* 1999; 282: 2019-2026 (**S. Chaturvedi**, local PI)
33. Clark WM, Williams BJ, Selzer KA, et al., for the citicoline stroke study group. A randomized efficacy trial of citicoline in patients with acute ischemic stroke. *Stroke* 1999; 30: 2592-2597. (**S. Chaturvedi**, local PI)
34. **Chaturvedi S**, Lukovits T, Chen W, Gorelick PB. Ischemia in the territory of a hypoplastic vertebrobasilar system. *Neurology* 1999; 52: 980-983.
35. **Chaturvedi S**, Joshi N, Dzieczkowski J. Activated protein C resistance in young African American patients with ischemic stroke. *J Neurol Sci* 1999; 163: 137-139.
36. Chugani DC, Niimura K, **Chaturvedi S**, Muzik O, Fakhouri M, Lee M, Chugani HT. Increased brain serotonin synthesis in migraine. *Neurology* 1999; 53: 1473-1479.
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Other brief communications

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Major invited speeches

1. *National/International meetings*

- The Asymptomatic Carotid Surgery Trial; 1997 North American Stroke Meeting; Montreal, Canada; 10/17/97
- Activated protein C resistance in migraine-related ischemia; International Migraine Trust Symposium; London, England; 9/2/98
- IV TPA in patients with unruptured brain aneurysms. 8th European Stroke Conference; Venice, Italy; 4/9/99
- Surgical and interventional prevention of stroke. AAN teaching course on TIAs and related syndromes; Toronto, Canada; 4/23/99
- Carotid endarterectomy for stroke prevention. 1999 North American Stroke Meeting; Aspen, CO; 9/2/99
- Risks of carotid stenosis and what is best medical therapy; 2000 Society for Cardiovascular and Interventional Radiology Meeting; San Diego, CA; 3/26/00
- Carotid endarterectomy: Indications and public health impact. AAN teaching course; San Diego, CA; 5/5/00
- Surgical and interventional prevention of stroke. AAN teaching course; San Diego, CA; 5/6/00

Carotid atherosclerosis: How bad is it, really? 2001 Society for Cardiovascular and Interventional Radiology Meeting; San Antonio, TX; 3/4/01

Carotid endarterectomy and stenting. AAN teaching course; Philadelphia, PA; 5/6/01

Carotid endarterectomy and stenting. AAN teaching course; Denver, CO; 4/20/02

Treatment of acute stroke; Asian American International Medical Conference; Goa, India; 1/4/03

Anticoagulation for TIA and minor stroke. AAN teaching course; Honolulu, Hawaii; 3/30/03

Medical management of carotid atherosclerosis; Society for Interventional Radiology meeting; Phoenix, AZ; 3/25/04

Is carotid stenting supported by the data? Society for Interventional Radiology meeting; Phoenix, AZ; 3/25/04

Medical management of carotid atherosclerosis; American Society of Interventional and Therapeutic Neuroradiology (ASITN) meeting; Boca Raton, FL; 8/13/04

Timing of carotid interventions; ASITN meeting; Boca Raton, FL; 8/13/04

Optimal level of blood pressure and other risk factors in patients with symptomatic intracranial disease; American Stroke Association meeting; New Orleans, LA; 2/3/05

Carotid endarterectomy; AAN teaching course; Boston, MA; 4/28/07

Carotid stenosis: The case for medical therapy; Society of Vascular and Interventional Neurology meeting; Boston, MA; 4/29/07

Carotid endarterectomy and anticoagulation for stroke; AAN teaching course; Boston, MA; 5/3/07

Carotid endarterectomy and stenting are overutilized; TCT meeting; Washington, DC; 10/21/07

Using guidelines to improve safety and quality in stroke; AAN teaching course; Chicago, IL; 4/15/08

Medical therapies for stroke prevention; TCT meeting; Washington, DC; 10/12/08

Treatment of asymptomatic carotid stenosis; TCT meeting; Washington, DC; 10/13/08

Natural history of intracranial stenosis; AHA meeting; Orlando, FL; 11/16/09

Carotid surgery and stenting for stroke prevention; AAN teaching course; Toronto, Canada; 4/12/10

The future of carotid artery stenosis treatment; Symposium at SVS meeting; Boston, MA; 6/10/10

Evaluation and treatment of intracranial stenosis; AAN teaching course; Honolulu, HI; 4/11/11

Risk factor update and stroke triggers; Indian Stroke Association; Pune, India; 3/10/12

Carotid revascularization present and future; Indian Stroke Association; Pune, India; 3/10/12

25 years of carotid stenosis trials: Looking back and ahead; 2013 American Neurological Association conference; New Orleans, LA; 10/15/13

Endovascular therapy for acute stroke: No; 2013 American Neurological Association conference; New Orleans, LA; 10/15/13

Risk stratification for patients with atrial fibrillation; AAN annual meeting; Philadelphia, PA; 4/27/14

Impact of clinical trials in neurology; AAN annual meeting Integrated Neuroscience Session; Philadelphia, PA; 4/30/14

Large vessel atherosclerosis: Extracranial and intracranial atherosclerosis treatment; AAN annual meeting; Philadelphia, PA; 5/2/14

Representation of women in clinical trials; International Stroke Conference; Nashville, TN; 2/11/15

Approach to patients with asymptomatic carotid artery stenosis; AAN annual meeting; Washington, DC; 4/18/15

Stroke update 2015: Finally some clarity?; AAN annual meeting; Washington, DC; 4/20/15

Treatment of carotid stenosis and intracranial atherosclerosis; AAN annual meeting; Washington, DC; 4/20/15

Stroke Highlights of the field; AAN annual meeting; Washington, DC; 4/22/15

Sex disparities in neurologic research; ANA annual meeting; Chicago, IL; 9/29/15

Carotid artery stenosis treatment: Past and future; NIH StrokeNet webinar; 10/29/15

Aggressive medical therapy for carotid stenosis is hard to beat; AHA Scientific Sessions; Orlando, FL; 11/8/15

Gaps in stroke care for women after the release of specific guidelines; AHA Scientific Sessions; Orlando, FL; 11/8/15

Stroke in the elderly; AAN 2016 annual meeting; Vancouver, Canada; 4/23/16

Approach to asymptomatic carotid stenosis; AAN 2016 annual meeting teaching course; Vancouver, CA; 4/26/16

Cerebrovascular disease update; AAN 2016 annual meeting teaching course; Vancouver, CA; 4/27/16

Approach to carotid stenosis; European Stroke Organization conference teaching course; Barcelona, Spain; 5/12/16

Representation of women in stroke clinical trials; Canadian Stroke Congress; Quebec City, Canada; 9/15/16

Controversies in carotid revascularization; Canadian Stroke Congress; Quebec City, Canada; 9/16/16

Trends and controversies in carotid stenosis management; VA SQUINT program webinar; 10/4/16

Update on large vessel atherosclerotic stroke; AAN Fall conference; Las Vegas, NV; 10/14/16

25 years after NASCET, the time has come to study medical therapy. 2017 International Stroke Conference plenary session; Houston, TX; 2/24/17

Update on carotid revascularization; AAN teaching course; Boston, MA; 4/23/17

Approach to asymptomatic carotid stenosis; AAN teaching course; Boston, MA; 4/24/17

Approach to asymptomatic carotid stenosis; AAN teaching course; Los Angeles, CA; 4/27/18

2. Regional meetings

Trends and Outcomes in Carotid Artery Surgery, Stroke and Neurologic Critical Care Rounds, Rush Medical Center; Chicago, IL; 5/2/97

Antithrombotic and Neuroprotective Drugs in Acute Ischemic Stroke: AAN Acute Stroke Workshop; Novi, MI; 9/13/97

Surgical and Interventional Prevention of Stroke; American Heart Assn. of Michigan Stroke Conference; Detroit, MI; 10/16/97

Update on Migraine Pathophysiology; Yale University Cerebrovascular Conference; New Haven, CT; 11/20/97

Efficacy of angioplasty for precavernous internal carotid artery atherosclerosis; Michigan Assn. of Neurosurgeons summer meeting; Thompsonville, MI; 6/20/98

Is carotid endarterectomy for asymptomatic stenosis overutilized? Yale University Cerebrovascular Conference; New Haven, CT; 7/9/98

Anticoagulation for Acute Ischemic Stroke; Symposium on Improving Anticoagulation in Detroit; Dearborn, MI; 3/24/99

Advances in the Prevention and Treatment of Stroke; University of the Philippines Medical Alumni Society Meeting; Traverse City, MI; 7/10/99

Advances in the Prevention and Treatment of Stroke; Connecticut Neurological Society; Farmington, CT; 10/22/99

How to target the atherosclerotic process: A neurologist's viewpoint. Indiana University Neurology Symposium; Indianapolis, IN; 8/18/00

Prevention and treatment of stroke in 2001; Michigan Assn of Neurological Surgeons Annual meeting; Mackinac Island, MI; 6/16/01

Current status of carotid stenting; Michigan Neurologic Association Annual meeting; Novi, MI; 9/8/01

Prevention and treatment of stroke in 2001; Michigan Academy of Physician Assistants annual meeting; Mt. Pleasant, MI; 10/5/01

Atrial fibrillation/stroke; 3rd Annual Antithrombotic Therapy Symposium; Dearborn, MI; 3/6/02

Use of Heparin for Acute Stroke in 2002; Connecticut Neurological Society Annual Meeting; Farmington, CT; 4/5/02

Do clinical trials work in the real world? Michigan Stroke Initiative Conference; Lansing, MI; 5/14/02

Prevention and treatment of stroke complications; AAN Acute Stroke Workshop; Southfield, MI; 10/18/02

Prevention and treatment of stroke; Michigan Assn of Physicians from India CME meeting; Troy, MI; 6/8/03

Stroke and neurology update; SE Michigan Family Practice Review Course; Beverly Hills, MI; 5/6/05

Medical therapy, endarterectomy, and stenting for carotid stenosis: How to decide between the options; Michigan Neurologic Association meeting; Thompsonville, MI; 7/30/05

Stroke Update 2006; 7th Annual Antithrombotic Therapy Symposium; Dearborn, MI; 3/27/06

Update on secondary stroke prevention; Michigan State Medical Society CME meeting; Troy, MI; 10/26/06

Carotid stenting for stroke prevention; Michigan Neurological Association Winter Meeting; Ypsilanti, MI; 2/9/08

Stroke update 2008; Great Lakes Family Medicine Update; Beverly Hills, MI; 6/6/08
 Hot topics in stroke; Michigan American College of Physicians Annual meeting; Dearborn, MI; 9/13/08
 What's new in TIA diagnosis and treatment? 9th Annual Internal Medicine update; Bay Harbor, MI; 7/24/09
 Stroke issues in the elderly; 9th Annual Internal Medicine update; Bay Harbor, MI; 7/24/09
 Update on carotid stenosis; 9th Annual Internal Medicine update; Bay Harbor, MI; 7/24/09
 Carotid endarterectomy vs. stenting; 8th Annual Cleveland Neurocritical Care & Stroke Conference; Cleveland, OH; 10/7/10
 Evaluation of stroke and TIAs; MSMS Annual Meeting; Troy, MI; 10/22/10
 Diagnostic evaluation of stroke; MSMS annual meeting; Troy, MI; 10/28/11
 Carotid revascularization in the post-CREST era; Henry Ford Stroke Symposium; Dearborn, MI; 5/4/12
 Acute stroke therapy update; Detroit Antithrombotic symposium; Dearborn, MI; 4/12/13
 Medical therapy and clinical trials for carotid stenosis; Hartford Hospital Neurovascular symposium; Hartford, CT; 5/21/16
 Update on Management of Large vessel disease-related stroke; Univ. of Miami Neurology Update; Miami, FL; 2/11/17
 Debate on Asymptomatic carotid stenosis; Northeast Cerebrovascular Consortium conference; Newport, RI; 10/26/17
 Trends and controversies in carotid stenosis treatment; UT Southwestern Stroke symposium; Dallas, TX; 11/11/17

3. *Invited lectures* (last three years):

Past and future of carotid stenosis trials; Univ. of Connecticut Neurology Grand Rounds; Hartford, CT; 11/12/15
 What can neurology learn from Dr. Gawande? Baystate Medical Center Neurology Grand Rounds; Springfield, MA; 9/28/16
 Top 10 questions about stroke; St. Michael's Hospital Internal Medicine Grand Rounds; Toronto, ON; 8/16/17
 Carotid stenosis treatment in 2017; Methodist Hospital Advances in Neurology program; Houston, TX; 9/15/17
 Top 10 questions about stroke; Stamford Hospital Internal Medicine Grand Rounds; Stamford, CT; 9/27/17
 Impact of clinical trials in neurology: The good, the bad, and the ugly. University of Miami Neurology Grand Rounds; Miami, FL; 9/29/17
 Impact of clinical trials in neurology: The good, the bad, and the ugly. Rush University Neurology Grand Rounds; Chicago, IL; 11/14/17