

CHITRA VENKATASUBRAMANIAN, M.B.B.S, M.D, MSC., FNCS

Clinical Professor of Neurology and Neurosurgery (by courtesy)
Associate Chair, Faculty Affairs, Department of Neurology

Stanford University Medical Center

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Business Address

Center for Academic Medicine
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EDUCATION

2013	Masters in Clinical Trials, London School of Health and Tropical Hygiene External Program, University of London.
2011	Postgraduate Diploma in Clinical Trials (Honors), London School of Health and Tropical Hygiene External Program, University of London.
1999	Internal Medicine (M.D.), Coimbatore Medical College, Dr. M.G.R. Medical University, India.
1996	Medical School (M.B.B.S), Coimbatore Medical College, Dr. M.G.R. Medical University, India.
1990	Premedical Degree, P.S.G.R.Krishnammal College for Women, Coimbatore, India.

POST GRADUATE, RESIDENCY AND FELLOWSHIP APPOINTMENTS

2006 – 2008	Clinical Research Fellowship, Neurocritical care and Trauma, Stanford University.
2005 – 2007	Neurocritical Care Fellowship (UCNS accredited), Stanford University.
2005 – 2006	Cerebrovascular Fellowship (ACGME accredited), Stanford University.
2002 – 2005	Neurology residency (ACGME accredited), Stanford University.
2001 – 2002	Internal Medicine Internship, Department of Medicine, Kaiser Permanente Medical Center, Santa Clara, California.
1998 – 1999	Medical Officer (part-time), Department of Neurology, K.G.Hospital, Coimbatore, India.
1996 – 1999	Internal Medicine residency, Coimbatore Medical College, Dr. M.G.R. Medical College, Dr. M.G.R. Medical University, India.

ACADEMIC APPOINTMENTS

2018	Professor of Neurology and Neurological Sciences, Clinician Educator Line, Stanford University School of Medicine, Stanford, CA.
2013	Associate Professor of Neurology and Neurological Sciences, Clinician Educator Line, Stanford University School of Medicine, Stanford, CA.
2008 – 2013	Assistant Professor of Neurology and Neurological Sciences, Clinician Educator Line, Stanford University School of Medicine, Stanford, CA.
2006 – 2008	Instructor in Neurology and Neurological Sciences, Stanford University, Stanford, CA.

CLINICAL PRIVILEGES

2018-ongoing	Teleneurology, Valley Care, Pleasanton, CA
2018-ongoing	Teleneurology, San Joaquin Medical Center, CA
2017-ongoing	Teleneurology, Emmanuel Medical Center, CA
2007- ongoing	Consulting privileges, Lucile Packard Children's Hospital, Palo Alto, CA.
2007-ongoing	Stanford University Medical Center, Palo Alto, CA.

HONORS AND AWARDS

(Selected)

2021	Neurology department excellence award for service during COVID.
2018, 2020	Presidential citation, Neurocritical Care Society.
2018	Fellow of Neurocritical care Society
2014	Future Leaders Forum, Neurocritical Care Society Annual meeting, Seattle
2013	150 th Anniversary Prize for Academic Excellence, MSc Clinical Trials, University of London.
2006	Neurocritical Care Society Fellowship Award for Clinical Research.
2004	J. Kiffin Penry Epilepsy Mini-Fellowship.
1999	Gold Medal in Cardiology, Cardiological and Electrophysiological Society of India.
1999	Rotary Club Award for Excellence in Internal Medicine, Coimbatore Chapter.
1999	Honors Dissertation in Medicine, TamilNadu Dr. MGR Medical University.
1997	Certificate of Honor, All India Medical Essay Writing Challenge, Indian Journal of Clinical Practice.
1996	Gold Medal, "Best Outgoing Student in MBBS", Indian Medical Association.
1996	Dr. Navamani Chandrabose Award for Excellence in Obstetrics and Gynecology, Tamil Nadu Dr. MGR Medical University.
1996	Balfour Memorial Gold Medal for Excellence in Surgery, Tamil Nadu.
1996	Dr. S. G. Rajarathinam Excellence Award for Overall Performance, Tamil Nadu Dr. MGR Medical University.
1996	Dr. M. N. Menon Gold Medal for Best Outgoing Student, Coimbatore Medical College, India.
1993	Gold Medal, Indian Association of Pathologists and Microbiologists.

ADVANCED CLINICAL TRAINING

2007	Neurovascular Interpretation (Carotid Ultrasound, Transcranial Doppler), Institute of Medical Ultrasound, Wake Forest Medical Center, North Carolina.
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2006	Neurovascular Ultrasound (Carotid Ultrasound, Transcranial Doppler), Institute of Medical Ultrasound, Wake Forest Medical Center, North Carolina.
2006	Advanced Neuromonitoring techniques in the neurointensive care unit, University of California, Los Angeles, California.
2004	Kiffin Penry Mini Fellowship in Epilepsy, Wake Forest Medical Center, North Carolina.

RESEARCH TRAINING AND EXPERIENCE.

2009 - 2013	Masters in Clinical Trials, University of London.
2009-2011	Diploma in Clinical Trials, University of London.
2009	Drug Development Process, UCSC Extension.
2009	SPCTRM clinical research workshops, Stanford/Packard Center for Translational Research in Medicine including Good Clinical Practice training, FDA requirements for investigators etc.
2008	Clinical Trials Methodology Workshop, University of Rochester Clinical Trials Unit and NINDS, Colorado.
2006 – 2008	Neurocritical Care Society Fellowship in Clinical Research, Stanford University.
2006	SPCTRM statistical workshops, Stanford/Packard Center for Translational Research in Medicine.
2006	HRP 259, Introduction to Probability and Statistics for Epidemiology, Stanford University.
2000 – 2001	Research assistant, Stanford Stroke Center, Stanford University.
1999 – 2000	Research assistant, Falk Cardiovascular Research Institute, Stanford University.
1998 – 1999	Research assistant, Department of Neurology and Neurosurgery, K.G. Hospital, Coimbatore, India.

CERTIFICATIONS INCLUDING BOARD CERTIFICATIONS

2017-annually	Barthel Scale certification
2017-annually	Modified Rankin certification
2017- annually	NIH Stroke Scale certification
2013, 2016, 2019	Emergency neurological life support (ENLS)
2010	Neurosonology, American Society of Neuroimaging

2008, 2018	Vascular Neurology, American Board of Psychiatry and Neurology.
2008 - biannually	CITI Medical research investigators certification.
2021	Neurocritical Care, American Board of Psychiatry and Neurology
2007, 2018	Neurocritical Care, United Council of Neurologic Subspecialties
2007, 2018	Neurology, American Board of Psychiatry and Neurology
2005, 2020	Advanced Cardiac Life Support (ACLS) Recertification.
2000	Educational Council for Foreign Medical Graduates (ECFMG) Certification.

LICENSURE

2003 – current	Drug Enforcement Administration Controlled Substance Certificate.
2002 – current	California Medical Licensure.
1996 - current	Indian medical licensure

DISSERTATION MONOGRAPH

1999	“Spontaneous Intracerebral Hemorrhages: Clinical Vs Computed Tomography” Thesis. Coimbatore Medical College, Dr. M.G.R. Medical University, India. Thesis Advisors: Dr. M.B.Pranesh, Dr. S. Dandapani.
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PROFESSIONAL MEMBERSHIPS

- American Heart Association and American Stroke Association
- American Academy of Neurology.
- Neurocritical Care Society.
- American Indian Neurological Association
- Indian Medical Association.
- Neurological Society of India.

EDITORIAL AND REVIEW BOARDS

Editorial Board

2022	Review editor, Frontiers in Stroke
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2016 – 2018 Currents- quarterly magazine of the Neurocritical care society.

Ad Hoc Reviewer

2022 – present Frontiers in Stroke
2016-present American Journal of Neuroradiology
2016-present Neurocritical care
2015 Indian Journal of Medical Research
2012 - present Neuroradiology
2011 European Journal of Neurology
2011 Journal of Neurology
2009 Journal of Neurosurgery
2009 Clinical Neurology and Neurosurgery
2008 Drugs of Today
2007 – present Stroke
2007 – present Gale encyclopedia of Neurological Disorders, Cengage Learning.

Abstract reviewer:

2016-2023 International Stroke Conference (Intracerebral hemorrhage abstracts)
2019-2020 Neurocritical Care Conference

Grant reviewer:

2022- onwards Neurocritical Care Foundation Research Committee
2016 Joint Stroke Association and British Heart Foundation

LEADERSHIP AND COMMITTEE POSITIONS

2023 Stanford Leadership Development Program (by invitation)
2023 Associate Chair, Faculty affairs, Neurology.
2022 Member, Appointments and Promotions Committee for Clinical Educators,
Stanford. (Medical School and Neurology)
2022 Chair, neurocritical care faculty search committee
2022 Admissions Committee representative, LCME medical school re-accreditation

	Visit, Stanford.
2022	Neurocritical Care Foundation Research Committee
2022	Physician lead, ICH pathway, SITS committee, Stanford.
2022.	CPX (Clinical Performance Exam) grader for medical students, Stanford.
2021.	BENEFITS, writing group for creating of Basic Neurological Life Support, NCS
2021	Member, Credentialing committee for Fellow of Neurocritical Care Society
2021	Member, Guidelines committee, Neurocritical Care Society
2021.	Poster Professor rounds, Neurocritical Care Society Annual meeting.
2021-ongoing	Stroke Faculty Lead for establishment of Stroke and Interventional Program, Coimbatore Medical College, India
2020-2021	Lead physician, Brain Death Protocol/Policy Committee Stanford
2020	Member, Writing Committee for STAIR Consensus Statement on Nomenclature for mRS Outcome States
2020	Member, Heparin task force, Stanford.
2020	Chair, Search Committee, Neurocritical Care Faculty Search, Stanford.
2020-ongoing	Member, Stanford Faculty Senate.
2019-2020	XI th STAIRS Academic-Industry Stroke Roundtable, D.C
2019-2020.	Lead, CELT (Clinical Effectiveness Leadership Training), Neurology quality improvement project, Stanford.
2019-onwards	Member and ad-hoc acting Chair, voting committee, Medical School Admissions, Stanford.
2020	Moderator, Surgical advances in intracerebral hemorrhage, International Stroke Conference, Los Angeles
2019	Course director, ENLS, Annual meeting, Neurocritical Care Society, Vancouver.
2019	Course director, ENLS, Society of Critical Care Medicine Annual meeting, San Diego
2019	Stanford Medical School application reviewer
2018	Moderator, Stroke Scientific Symposium, Pacific Stroke Association, Mountain View, CA
2018-ongoing	Chair, Emergency Neurological Life Support (ENLS), Neurocritical Care Society.
2018-ongoing	Member, Guidelines Writing Group, Cerebral Edema Guidelines, Neurocritical Care Society.

2017-2018	Member, Annual Meeting Planning Committee, Neurocritical Care Society.
2017-ongoing.	Member, Independent Adjudication Committee, AbbVie Risankizumab development program.
2017-ongoing	Member, Independent Adjudication Committee, AbbVie Upadacitinib development program
2017	Moderator, Oral abstract session on intracerebral hemorrhage, International Stroke Conference, Houston, TX.
2016-2018	Co-editor, Journal Watch, Neurocritical care NEWS, Neurocritical care Society.
2016-ongoing	Member, Independent Stroke Adjudication Committee, BICCVT program.
2015	Organizer, Future leaders forum, Annual Neurocritical care meeting, Scottsdale.
2015	Member, Independent Adjudication Committee, RESPECT-ESUS trial.
2015 -ongoing	Lead physician Organizer, Pacific Stroke Association annual meeting.
2014- 2019	Interviewer, MMI, Stanford medical school.
2014	Protocol Director, Traumatic Brain Injury, Emergency Neurological Life support, Neurocritical Care Society.
2014	Lead Physician, ICU Physician and Patient Advisory Council, Stanford.
2014-ongoing	Member, Medical Advisory Board, Pacific Stroke Association.
2014-2018	Member, Ethics Committee, Stanford Hospital.
2013	Member, Plasma Utilization Review Committee, Stanford Hospital.
2013-ongoing	Member, Clinical Quality Improvement (CQI) for ICU, Stanford Hospital.
2012-2013	Member, Trauma Patient Improvement and Performance Committee, Stanford Hospital.
2012 – present	Faculty, M.D application review committee, Stanford School of Medicine.
2012 - 2013	Faculty advisor, Neurosurgical Quality Research Group, Stanford Hospital.
2011-2016	Chair, Hypothermia Committee, Stanford Hospital.
2011-present	Lead faculty for introduction/evaluation of new technologies in neurocritical care to the intensive care unit, Stanford Hospital.
2011 – 2016	Member, MERC (Medical Emergency Response Committee), Stanford Hospital.
2009 – present	Chair, Multidisciplinary Task Force for development of hospital wide protocol for Emergency reversal of anticoagulation in life-threatening hemorrhage. Stanford Hospital, Stanford, CA.

2009 – present	Member, ICU Peer Practice Evaluation Committee (PPEC). Stanford Hospital, Stanford, CA.
2009 – present	Member, Neurocritical care and critical care educational curriculum development.
2009 – 2015	Neurocritical care EPIC computerized order entry development.

TEACHING

2018 - ongoing	Professor rounds, medical students, Stanford.
2016 – ongoing	Lecturer, Medical ICU, Stanford.
2015- ongoing	Instructor, Neurology core for Stanford medical students.
2015-ongoing	Course faculty, Emergency Neurological Life support.
2014-ongoing	Pupillometry, Temperature management strategies in the neuroICU, Stanford Critical Care Nurses didactic lecture series.
2014	Instructor, Cardiac arrest and hypothermia, Simulation Series in Critical Care, Stanford.
2013-ongoing	Lectures on Subarachnoid hemorrhage, Intracerebral hemorrhage, Malignant MCA infarction, Targeted temperature management, Stroke, ICP management, Traumatic Brain Injury, Brain death, anticoagulation reversal etc. Neurocritical care and Critical Care fellows, Stanford Hospital.
2012-ongoing	The Neurologic Examination. Practice of Medicine; Advanced Clinical Skills course; Stanford University.
2012	Faculty, BioDesign Fellowship, Stanford.
2009-current	Instructor, Practice of Medicine Course, Stanford University School of Medicine.
2009-ongoing	Instructor, Neuropathology Lab, Stanford University School of Medicine.
2007-current	Critical care education lectures for Critical care, Pulmonary and Pediatric critical care fellowship programs and for Neurology residency program.
2005-current	Teaching medical students, residents, fellows during ward and ICU rounds.

INVITED LECTURES AND COURSES

Local/Institutional

2023	Antithrombotic and anticoagulation reversal, CME talk, 12 th Annual Conference of Breakthroughs in Neurology, Stanford
2023	Endovascular treatment for Posterior circulation strokes, Noon lecture series, Critical Care Medicine and Anesthesia.
2022	Intracerebral Hemorrhage Management; joint conference with Neuroradiology, Neurology resident's didactic series
2022	Women in Neurology, Roundtable, Stanford.
2022	From evidence to practice: Contemporary management of ICH, 11 th Annual Conference of Breakthroughs in Neurology, Stanford (CME)
2020	Management of ICH, 10 th Annual Conference on Breakthroughs in Neurology, Stanford (CME)
2020	Medical and Surgical management of ICH, ICU fellows lecture series
2020	Time each brain- Updates in acute stroke management, ICU fellows lecture series
2019	New paradigm of stroke management, ICU fellows didactic lecture series
2019	Update on critical care management of intracerebral hemorrhage, Critical Care Medicine lecture series, Stanford.
2019	Boot Camp, neurology residents, Stanford.
2018	"Wake up strokes", Invited Critical Care Medicine Lecture Series, Stanford.
2017	Endovascular treatment for acute ischemic stroke-ICU fellows didactic lecture series.
2017	Brain death- determination, pitfalls and family communication, Stanford Neurology residents didactic lecture series.
2016	Emergency room management of patients with intracerebral hemorrhage and acute ischemic stroke. Emergency Medicine didactic lecture series.
2016	Debate: 33C or 36C for cardiac arrest. Stanford Emergency Medicine journal club, invited presenter.
2016	Invited expert, Emergency medicine/ICU conference, Selection of patients for endovascular therapy.
2016	Anticoagulation in traumatic brain injury, Trauma lecture series.
2016	Grand rounds, Pulmonary and critical care medicine, "Updates on endovascular treatment of acute ischemic stroke- a paradigm shift", Stanford
2015	ICP management, PCCM fellow didactic lecture series.
2015	Pupillometry in the neuroICU, Multidisciplinary ICU conference.

2015	Neuromuscular weakness in the ICU, Physical Medicine and Rehabilitation didactic lecture series.
2015-ongoing	Updates in intracerebral hemorrhage, Medical ICU fellow didactic lecture
2015-ongoing	Update on endovascular management of acute stroke, Medical ICU fellow didactic lecture
2014	Pupillometry in brain herniation, Neuroscience Nursing grand rounds, Stanford.
2014	Treatment issues in “malignant” cerebral venous thrombosis. Stroke conference, Stanford.
2014	Panel Discussion on ethics and controversies around brain death-Stanford Law School.
2014	Stanford Pediatric ICU Grand Rounds. Targeted temperature Management
2014	Surgical ICU Noon conference. Brain death- definition, determination and controversies.
2013	Stanford Neurology Grand rounds (CME). Emerging therapies for intracerebral hemorrhage.
2012	Stanford Pulmonary Fellows conference. <i>Evidence based management of subarachnoid hemorrhage</i>
2012	Faculty speaker, 25 th Anniversary of Stanford Stroke Center, Stanford, CA, Current status of intracerebral hemorrhage management.
2012-ongoing	Intracranial and Intracerebral hemorrhage, Annual Stroke seminar for Stanford medical students, NENS 204.
2011	Stanford Neurosurgery Grand rounds. <i>Intracerebral hemorrhage management: an update.</i>
2011	Stanford Pediatric Critical care conference. <i>Hypothermia after cardiac arrest.</i>
2011	Stanford Medicine Grand Rounds. Clinical Case Conference: <i>A patient from East African with hypercalcemia and seizures.</i>
2011	Practice of Medicine Course for Stanford School of Medicine. <i>Intracranial and intracerebral hemorrhage.</i>
2010	Stanford Neurology Grand Rounds. (CME) <i>Update on emergent management of intracerebral hemorrhage.</i>
2010	Trauma Performance Improvement and Patient Safety Committee. <i>Stanford protocol for emergency reversal of anticoagulation.</i>
2010	Multidisciplinary ICU conference <i>Stanford protocol for emergency reversal of anticoagulation..</i>

- 2010 Practice of Medicine Course for Stanford School of Medicine.
Subarachnoid hemorrhage.
- 2009 Stanford Pediatric ICU Lecture Series
Management of Intracranial Pressure with special emphasis on pediatric population.
- 2009 Stroke Survivors Group, Stanford.
Stroke – risk factors, prevention and treatment.
- 2009 Stanford Critical Care Medicine Fellows conference.
Update on management of Subarachnoid hemorrhage
- 2009 Stanford Neurology residency lecture series
Subarachnoid hemorrhage: Diagnosis and Management
- 2009 Practice of Medicine (POM) course for Stanford School of Medicine
Intracranial Hemorrhage: Case based approach
- 2008 Stanford Critical Care Medicine Fellows conference
Neurocritical care of ischemic and hemorrhagic stroke.
- 2008 Stanford Critical Care Medicine Lecture series
Physiology and management of intracranial pressure
- 2007 Stanford Neurology Residency Lecture Series
Approach to respiratory distress in neurocritically ill patients
- 2007 Stanford Neurology Residency Lecture Series
Management of shock and hypertensive emergencies in neurocritically ill patients.
- 2007 Stanford Neurology Residency Lecture Series
Diagnosis and management of CNS infections
- 2006 Challenging Case Conference, Clinical Stroke Conference
Progressive myelopathy after cerebellar hematoma evacuation.
- 2006 Stanford Neurology Residency Lecture Series
Status Epilepticus: a neurointensivist's approach
- 2006 Challenging Case Conference, Clinical Stroke Conference
A young postpartum 'pregnant' woman with altered consciousness
- 2006 Stanford Neurology Residency Lecture Series
Mechanical Ventilation
- 2006 Challenging Case Conference, Clinical Stroke Conference
Isolated Cortical Vein Thrombosis
- 2006 Clinical Stroke Conference
Perihematoma Edema in Spontaneous Intracerebral Hemorrhage
- 2006 Journal Club, Clinical Stroke Conference

Efficiency of 7.2% hypertonic saline hydroxyethyl starch 200/0.5 versus mannitol 15% in the treatment of increased intracranial pressure in neurosurgical patients - a randomized clinical trial and Randomized, controlled trial on the effect of a 20% mannitol solution and a 7.5% saline/6% dextran solution on increased intracranial pressure after brain injury.

- 2005 Grand rounds, Department of Neurology and Neurosurgery.
Churg Strauss Vasculitic Neuropathy
- 2004 Grand rounds, Department of Neurology and Neurosurgery.
Multifocal Motor Neuropathy
- 2004 Grand rounds, Department of Neurology and Neurosurgery.
Tuberculomas of the brain
- 2004 Grand rounds, Department of Neurology and Neurosurgery.
A case of bad hangover
- 2003 Clinicopathologic conference, Grand rounds, Department of Neurology and Neurosurgery.
Multiple Myeloma and Rhabdomyolysis
- 2002 Ambulatory care conference, Department of Internal Medicine, Kaiser Permanente, Santa Clara, CA.
Neuroprotective Effects of Statins

Regional

- 2023 What's new in neurocritical care of stroke? Embracing Technology to Improve Outcomes, Annual Stroke Conference, Pacific Stroke Association, CA
- 2023 Intracerebral hemorrhage care in 2023: From Evidence to Practice. Annual Stroke Update, Good Samaritan Hospital (CME talk)
- 2022 Spontaneous cervical artery dissection: diagnosis and Management. Pacific Stroke Association Regional Stroke Conference
- 2021 Emergency anticoagulation and antiplatelet reversal, Pacific Stroke Association Regional Stroke conference.
- 2020 Moderator, Regional Stroke Conference of the Pacific Stroke Association
- 2019 How do I manage a patient with intracerebral hemorrhage? El Camino Hospital, Grand rounds.
- 2018 Brain code, Resuscitation after cardiac arrest- ENLS, Good Samaritan Hospital, San Jose, CA.
- 2017 Carotid stenosis. CME program, Dominican Hospital, Santa Cruz.
- 2017 Controversies in intracerebral hemorrhage management-Annual stroke

	conference, Pacific Stroke Association, CA.
2017	Neuroprotection for in-hospital cardiac arrest- CME program, Regional Medical Center, San Jose.
2016	Traumatic brain injury, ENLS course, Regional medical center, San Jose.
2016	Brain code, ENLS course, Regional Medical center, San Jose
2016	Panel moderator, "What's next in stroke management". Annual Conference, Pacific Stroke Association, San Mateo, CA.
2016	Intracerebral hemorrhage management- How I do it in 2016. Annual Conference, Pacific Stroke Association, San Mateo, CA.
2015	The changing paradigm of acute stroke treatment, Annual Conference, Pacific Stroke Association, San Mateo, CA.
2015	Memory disorders, Annual Meeting of Indian American Women Empowered, San Jose, CA.
2015	Spinal Cord Compression, John Muir Hospital, ENLS course
2015	Traumatic Spinal Cord Injury, John Muir Hospital, ENLS course.
2014	Targeted temperature management after cardiac arrest. 5 th Annual Breakthroughs in Neurologic Therapies: Restoring function to the nervous system.
2014	Monitoring the injured brain- Regional Conference on Traumatic Brain Injury, Valley Medical Center, San Jose, CA.
2013	Peninsula Stroke Association, Regional Stroke Conference, Palo Alto. What's new in intracerebral hemorrhage management?
2012	El Camino Hospital, Mountain View, CA. <i>Blood pressure management and anticoagulation reversal in intracerebral hemorrhage.</i>
2012	Peninsula Stroke Association, Victory over stroke event, Burlingame, CA. <i>Update in intracerebral hemorrhage management</i>
2012	Dominican Hospital, Santa Cruz, CA. Grand rounds/CME lecture series: <i>Brain aneurysms and subarachnoid hemorrhage.</i>
2009	Peninsula Stroke Association, Classic Hyatt Residence, Palo Alto, CA. <i>Prevention of Stroke with special emphasis on stroke in women.</i>
2009	Annual Meeting of Indian American Women Empowered, Santa Clara, CA. <i>Are you having a stroke?</i>
2009	Peninsula Stroke Association, Foothills College, Los Altos, CA <i>Women and Stroke. Prevention of Stroke with special emphasis on stroke in women.</i>

National

- 2022 Traumatic and Spontaneous cervical artery dissections, Neurovascular symposium, Tulane university (invited speaker)
- 2021 Poster Professor rounds, Intracerebral Hemorrhage, Annual Neurocritical Care Society Meeting, San Antonio.
- 2021. Brain Organ Axis, Moderator, Annual Neurocritical Care Conference, Chicago.
- 2021 Traumatic dissection and cerebral venous thrombosis: Evidence based management. Annual Neurocritical Care Conference, Chicago
- 2020 Poster Professor, Pharmacology, Annual Neurocritical Care Society Meeting, Phoenix (virtual)
- 2019 Poster moderator, Annual Neurocritical Care Society Meeting, Vancouver.
- 2019 ENLS lectures (Intracerebral Hemorrhage, acute ischemic stroke), Annual meeting of Society of Critical Care Medicine, San Diego.
- 2016 Advances in management of ICH; tele-education series for Brazilian physicians.
- 2015 Invited speaker, Clinical applications of pupillometry, Annual Neurocritical Care Meeting, Scottsdale
- 2014 Invited expert panelist, Implementation of pupillometry in the neuroICU. Annual Neurocritical Care Meeting, Seattle.
- 2012 Pupillometry in the neuroICU- Case studies. International Neurocritical care meeting, Denver, CO.
- 2011 A randomized control trial of blood pressure lowering and its effect on perihematoma edema as measured by MRI, International Stroke Conference, Los Angeles, CA.

International

- 2023 Improving outcomes in Neurocritical care of Stroke, ISC, Dallas.
- 2022. NeuroICU management of Autoimmune Encephalitis, ISNACC (Indian Society of Neuroanesthesiologists), Calcutta, India.
- 2021 Cerebral venous thrombosis: Intensive care management. 2nd Annual Neurocritical Care Society of India, Bengaluru.
- 2021 Hemostatic agents in ICH: When and in Whom. Controversies in ICH management. International Stroke Conference.
- 2021 Neurological complications of COVID: ISNACC (Indian Society of

	Neuroanesthesiologists), Hyderabad, India.
2020	Neuroprotection in Stroke and ICH, STAIR X1, Academic-Industry Roundtable conference, Washington D.C
2020	Stroke and Pregnancy, Annual Neurocritical Care Society Meeting, Phoenix
2020	Moderator, Symposium on Surgical Evacuation of intracerebral hemorrhage, International Stroke Conference, LA.
2019	ENLS lectures (intracerebral hemorrhage, meningitis and encephalitis), Annual Meeting of International Neurocritical Care Society, Vancouver.
2019	Neuroanatomy refresher course instructor, EduCon India, Hyderabad
2018	MR imaging in Intracerebral Hemorrhage, 11 th World Stroke Congress, Montreal, Canada.
2018	Neuroimaging of Acute Stroke, 11 th World Stroke Congress, Montreal, Canada
2018	Neurocritical care pharmacotherapy, Critical care update course, Chennai, India.
2018	Resuscitation after cardiac arrest, Critical care update course, Chennai, India.
2018	Endovascular management of acute ischemic stroke, Critical care update course, Chennai, India.
2018	Airway management in neuroICU, Critical care update course, Chennai, India.
2017	Coma after cardiac arrest- management and prognostication-25 th Annual Conference of the Indian Academy of Neurology (IANCON), Chennai, India.
2017	Non-invasive and Invasive Monitoring of the Injured Brain- 25 th Annual Conference of the Indian Academy of Neurology (IANCON), Chennai, India.
2017	Professor rounds- Poster sessions, 15 th Annual International Neurocritical Care Society Meeting, HI.
2017	Meet the experts- Diversity symposium in Intracerebral Hemorrhage-6 th World Intracerebral Hemorrhage Congress, Baltimore, MD
2017	Ethnic and racial differences in microbleeds- 6 th World Intracerebral Hemorrhage Congress, Baltimore, MD
2017	Invited moderator, Oral abstract session on Intracerebral Hemorrhage, International Stroke Conference, Houston, Tx.
2016	Grand rounds, Neuroanesthesiology, Addenbrooke's Hospital, Cambridge. "Evolving paradigm for acute stroke treatment".
2015	Plenary talk, Cerebrovascular injury after head trauma, Annual meeting of Neurotrauma, NIMHANS, Bengaluru, India.

2015	Invited speaker, ICU management of severe traumatic brain injury, Annual meeting of Neurotrauma, NIMHANS, Bengaluru, India.
2014	Invited speaker, Surgical management of intracerebral hemorrhage, Neurological society of India annual meeting (NSICON)- Coimbatore, India
2014	Invited speaker, Algorithmic approach to acute ischemic Stroke, Neurological society of India annual meeting (NSICON)- Coimbatore, India.
2013	Multimodality monitoring in brain injury. Neurological society of India annual meeting (NSICON)-Mumbai.
2013	Neurological complications of critical illness. Neurological society of India annual meeting (NSICON)-Mumbai.
2013	Hands-on workshop on targeted temperature management in neuroICU. Neurological society of India annual meeting (NSICON)-Mumbai.
2012	Acute stroke therapy- thrombolysis and mechanical thrombectomy. Kailuan Hospital, Tangshen, China.
2012	Secondary prevention of ischemic stroke, People's Hospital, Tangshen, China.

INVITED NEWSPAPER COMMENTARIES:

1. Experts decry "failed experiment" with new death penalty drug combinations. <http://www.theguardian.com/world/2014/jul/25/death-penalty-drug-combinations-experts-failed-experiment>
2. Doctor says Wood may have sensed he was suffocating. <http://azcapitoltimes.com/news/2014/08/01/doctor-says-wood-may-have-sensed-he-was-suffocating/>
3. Meet the experts- Neurocritical Care- video interview (Youtube) for DocPlexus-Online network of Indian physicians, 2018.

RESEARCH GRANTS, AWARDS, PROJECTS

Ongoing:

Title: SATURN (Statins use in intracerebral hemorrhage patients).
 Source: NIH via StrokeNet
 Role: Local Principal Investigator
 Dates: 04/2020 – ongoing
 Amount: 1% FTE

Title: ASPIRE (Anticoagulation in intracerebral hemorrhage survivors for stroke prevention and recovery).
Source: NIH vis Stroke Net
Role: Local Principal Investigator
Dates: 04/2020 – ongoing
Amount: 1% FTE

Title: CHARM (Cirara in large hemispheric stroke analyzing MRS and Mortality)
Role: Local Principal Investigator
Dates: 10/2018-ongoing
Amount: 2% FTE

Completed:

Title: INTREPID (Fever prevention in stroke)
Source: BARD
Role: Local Principal Investigator, Top 10 enrolling site internationally
Dates: 05/2018 – ongoing
Amount: 2 % FTE.
Title: BAF 312 (Siponimod for intracerebral hemorrhage) Source: Novartis
Role: Local Principal Investigator
Dates: 05/2018 – 2021
Amount: 2% FTE.

Title: MISTIE 3 (Minimally Invasive Surgery + rtPA for Intracerebral Hemorrhage Evacuation) Source: NIH, Genentech. (Johns Hopkins)
Role: Local Principal Investigator
Dates: 01/2014 – 04/2018
Amount: 2% FTE.

Title: i-Def (Futility study of Desferoxamine for Intracerebral Hemorrhage)
Source: NINDS
Role: Local Principal Investigator
Dates: 04/2013 – 2017
Amount: 4.1 % FTE.

Title: ATACH-II (Antihypertensive treatment of acute cerebral hemorrhage)-A phase III Randomized multicenter clinical trial of blood pressure reduction for hypertension in acute cerebral hemorrhage.
Source: NINDS
Role: Local Principal Investigator

Dates: 04/2013 – 2016
Amount: 1% FTE.

Title: CLEAR IVH (rt-PA treatment of patients with intraventricular hemorrhage).
Source: NIH, Genentech. (Johns Hopkins)
Role: Local Principal Investigator
Dates: 04/2013 – 2016
Amount: 4.33% FTE.

Title: CRISP (CT Perfusion in acute ischemic stroke)
Source: NINDS
Role: Sub-Investigator (Local Principal Investigator: Maarten Lansberg)
Dates: 05/2010 – 2016

Title: POINT (Platelet Oriented Inhibition in New TIA)
Source: NINDS through NETT (UCSF)
Role: Sub-Investigator (Local Principal Investigator: Gregory Albers)
Dates: 05/2010 – 2017

Title: DIAS 3 (Desmoteplase in Acute Ischemic Stroke)
Source: Forest Research Institute
Role: Sub-Investigator (Local Principal Investigator: Maarten Lansberg)
Dates: 05/2010 – 01/2014

Title: ProTECT III (Progesterone for treatment of Traumatic Brain Injury)
Source: NINDS through NETT(1U01NS062778, FDA IND # 104, 188) (Emory)
Role: Co-Investigator (Local Principal Investigator: James Quinn)
Dates: 04/2010 – 01/2014
Amount: 4% FTE.

Title: A phase IV multicenter observational study evaluating hemodynamic outcomes with BREVIBLOC premixed injection in patients with supraventricular tachycardia/atrial fibrillation in medical and neurological intensive care units in the United States
Source: Baxter Healthcare
Role: Local Principal Investigator
Dates: 12/2011 – 4/2013
Amount: 2% FTE.

Title: IRIS (Insulin Resistance Intervention after Stroke Trial: Pioglitazone for secondary stroke prevention)
Source: NINDS through Yale University (NS044876-05)
Role: Sub-investigator (Local Principal Investigator: Maarten Lansberg)

Dates: 07/2008 – present

Title: ALIAS (Albumin in acute ischemic stroke).
Source: NINDS through NETT. (University of Miami)
Role: Sub-Investigator. (Local Principal Investigator: James Quinn)
Dates: 06/2009 – present

Title: Nest-3 (NeuroThera®)
Source: Parexel International Corporation
Role: Sub-Investigator (Local Principal Investigator: Gregory Albers)
Dates: 2011 – 2012

Title: DASH (Diagnostic Utility of MRI in Intracerebral Hemorrhage)
Source: NIH (2R01 NS034866-08)
Role: Sub-investigator (Principal Investigator: Christine Wijman)
Dates: 05/2006 – 04/2011

Title: DEFUSE-2 (Intravenous rt-pA and interventional treatment for acute ischemic stroke based on MR diffusion-perfusion mismatch).
Source: NINDS.
Role: Sub-investigator. (Principal Investigator: Gregory Albers)
Dates: 06/2009- 2011

Title: ARISTOTLE (Apixiban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation)
Source: Bristol Myers Squibb Company
Role: Sub-Investigator (Local Principal Investigator: Neil Schwartz)
Dates: 06/2009 – 02/2010

Title: MISTIE (Minimally Invasive Surgery + rtPA for Intracerebral Hemorrhage Evacuation)
Source: NIH (Johns Hopkins)
Role: Sub-investigator (Local Principal Investigator: Christine Wijman)
Dates: 2007- 2012

Title: Nest-2 (NeuroThera® Effectiveness and Safety Trial – 2)
Source: Parexel International Corporation
Role: Sub-Investigator (Local Principal Investigator: Gregory Albers)
Dates: 05/2007 – 04/2009

Title: Prognostic Value of MRI and Biomarkers in Comatose post-cardiac arrest patients.
Source: NIH/NHLBI (1R01HL089116)
Role: Sub-investigator (Principal Investigator: Greg Albers)

Dates: 07/2008 – 2013

 Title: PROGNOSIS (Prognosis of Critically Ill Neurological Patients)
 Source: Stanford University BioX grant
 Role: Sub-Investigator (Principal Investigator: Maarten Lansberg)
 Dates: 2004- 2013

Title: Natural History and Predictors of Perihematoma Edema in Spontaneous Intracerebral Hemorrhage.
 Source: Neurocritical Care Society
 Role: Principal Investigator
 Dates: 07/2006-06/2008.
 Amount: \$ 80,000/year

Title: DIAS 2 (Desmoteplase in Acute Ischemic Stroke)
 Source: Forest Research Institute
 Role: Sub-Investigator (Local Principal Investigator: Gregory Albers)
 Dates: 05/2006 – 03/2007

Title: SAINT II (Stroke-Acute Ischemic NXY Treatment)
 Source: AstraZeneca
 Role: Sub-investigator (Local Principal Investigator: Gregory Albers)
 Dates: 1/2006 – 12/2007

Title: CLEAR IVH (rt-PA treatment of patients with intraventricular hemorrhage).
 Source: NIH, Genentech.
 Role: Co-Investigator. (Local Principal Investigator: Christine Wijman)
 Dates: 2005 – 2008

Title: Prognosis of Anoxic Coma by MRI and Serum Markers for Cerebral Injury
 Source: American Heart Association Scientist Development Grant
 Role: Sub-investigator (Principal Investigator: Christine Wijman)
 Dates: 2004 – 2007

Title: FAST ICH (activated factor VII for intracerebral hemorrhage)
 Source: Novo Nordisk Pharmaceuticals
 Role: Sub-Investigator (Local Principal Investigator: Christine Wijman)
 Dates: 2005 – 2007

Title: ICTuS-L (endovascular induction of hypothermia in acute stroke)
 Source: NIH (University of California, San Diego)
 Role: Sub-investigator (Local Principal Investigator: Christine Wijman)
 Dates: 2005- 2008

Title: MRI for Evaluation of Perihematoma Changes in Spontaneous Intracerebral Hemorrhage and Its Response to Blood Pressure Lowering.
 Source: PDL Biopharma
 Role: Co-investigator (Principal Investigator: Christine Wijman)
 Dates: 2004- 2008

Title: PRoFESS (Prevention Regimen for Effectively Avoiding Second Stroke)
 Source: Boehringer Ingelheim Pharmaceuticals
 Role: Sub-investigator (Local Principal Investigator: Gregory Albers)
 Dates: 01/2004 – 01/2008

Title: IVH t-PA trial (Phase II rt-PA in Intraventricular Hemorrhage trial)
 Source: FDA Office of Orphan Product Development (Johns Hopkins University)
 Role: Sub-investigator (Local Principal Investigator: Christine Wijman)
 Dates: 2004- 2007

Title: CLOSURE I (Septal closure system versus medical treatment for secondary stroke prevention)
 Source: NMT Medical, Inc.
 Role: Sub-investigator (Local Principal Investigator: Gregory Albers)
 Dates: 12/2003 – 12/2010

Title: DEFUSE (Diffusion-Weighted Imaging Evaluation For Understanding Stroke Evolution)
 Source: 1R01 NS39325-01A1
 Role: Sub-investigator (Principal Investigator: Gregory Albers)
 Dates: 09/2000 - 06/2006

Title: BASICS (Basilar Artery International Cooperation Study)
 Source: Unfunded
 Role: Sub-investigator (Local Principal Investigator: Christine Wijman)
 Dates: 2003- 2008

CLINICAL TRAINEES

Stroke Fellows

2008 – 2009	Edgar Samaniego
2009 – 2009	Archana Purushotham
2009 – 2010	Mikayel Grigoryan
2009 – 2010	Duane Campbell
2010 – 2011	Paul Inder Singh
2010 – 2011	Charlene Chen
2011 – 2012	Mohamed Teleb
2011 – 2012	Waimei Amy Tai
2012 – 2013	Christie Tung
2012 – 2013	Reza Pirsaheli
2012 – 2013	Paul George
2013 – 2014	Pablo Bravo-Valenzuela
2013 – 2014	Nirali Vora
2014 – 2015	Michael Ke
2014 – 2015	Kyle Hobbs
2014 – 2015	JennyTsai
2015 – 2016	Sarah Lee
2015 – 2016	Gracia Mui
2015 – 2016	Ilana Spokoyny
2016 – 2017	Catherine Legault
2016 – 2017	Sun Kim
2016 – 2017	Divya Prabhu
2017 – 2018	Chris Southwood
2017 – 2018	Soo Kwon
2017 – 2018	Adam McLellan

2018 – 2019	Lironn Kraler
2018 – 2019	Addason McCaslin
2018 – 2019	Margy McCullough
2019 – 2020	Colin Culbertson
2019 – 2020	Lily
2020 – 2021	Lily Wenya Zhou
2020 – 2021	Daniel Arteaga
2020 – 2021	Stephanie Reiter
2021 – 2022	Prateek Thatikunta
2021 – 2022	Robin Ulep
2021 – 2022	Anirudh SreeKrishnan
2021 – 2022.	Laurel Jakubowski

Neurocritical Care Fellows

2009 – 2011	Charlene Chen
2010 – 2012	Mohamed Teleb
2011 – 2013	Reza Pirsaheli
2012 – 2014	Pablo Bravo-Valenzuela
2013 – 2015	Kyle Hobbs
2014 – 2016	Gracia Mui
2015 – 2017	Prashanth Krishnamohan
2016 – 2018	Adam Rizvi
2017 – 2019	Basit Rahim
2017 – 2019	Basit Rahim
2018 – 2020	Kassi Kronfeld

2018 – 2020 Jack Wong
2019 – 2020 Sandeep Walia
2019 – 2020 Nick Murray
2020 – 2022 Spencer Craven
2020 – 2022 Varun Shah
2021 – 2023 Malik Fakhar
2021 – 2023 Saad Yazdani

Neurohospitalist Fellows

2019 – 2020 Tarini Goyal
2020 – 2021 Shefali Dujari
2021 – 2022. Mohammed Taha

Advanced Practice Providers (Supervising attending in ICU)

John Boggs AC NP
Steven Augustine NP
Honey Beddingfield AGACNP
Veda Chau PA
Shelli Chittum NP
Heather Clark AGACNP
Elizabeth Fox ACNS, AGACNP
Shirleen Gubuan AGACNP
Angie Murkins FNP
Jay Navoa PA
Mary Scott AGACNP

Angelica Yasawadi PA
 Karen Dean AGACNP
 Francis Estrella AGACNP
 Theodora Kalatzi C-CNS
 Michelle Robinson AGACNP
 Ernest Sutton AGACNP
 Jeffrey Tran PA
 Jennifer Warren AGAACNP
 Shelby Murphy AGACNP
 Julia Ondarza PA
 Samantha Allen FNP
 Genaro Hernandez PA
 Ernest Sutton AGACNP
 Liana Choi PA
 Marissa Grillo PA
 Erica Hartmann PA
 Mary Scott NP
 Lauren Wesson Stout NP

RESEARCH TRAINEES / MENTORSHIP

2023	Supervisor for book chapter, Dr. Eduardo Lima and Dr. Aroosa Zamrud
2021-2022	Research Project Supervisor, Dr. Anirudh Sreekrishnan
2021	Research Project Supervisor, Dr. Varun Shah and Dr. Kyle Lyman
2021	Research Project supervisor, Dr. Sandeep Walia
2020	Faculty research mentor to Mark Awad, critical care pharmacy resident, Stanford

2020	Faculty research mentor to Dr. Laurel Jakubowski, Neurology resident, Stanford
2019	Faculty mentor to Dr. Desai, Northwestern, for Women in Neurocritical Care mentoring project.
2016	Faculty mentor to Dr. Kyle Hobbs, Assistant Professor (CE line) Stanford.
2014	Faculty mentor to Dr. Winnie Lau, Neurology resident, Stanford.
2011-2012	Faculty mentor to Karen Anderson, Critical care Pharmacy resident, Stanford University.
2011	Mentor, Dr. Ram Narayan, neurology resident, UT South Western.
2011	Faculty mentor to Aishwarya Venkatraman, Stanford Undergraduate students, CO-SIGN mentoring program
2011	Faculty mentor to Rakesh Popli, Medical Student, Year 2, University of Virginia.
2009	Faculty mentor to Nicko Josten and Cristina Danial, Stanford Undergraduate students, CO-SIGN mentoring program.
2009	Research mentor to Tua Palangyo, nursing student.

PUBLICATIONS (PEER REVIEWED)

1. Fisher RS, McGinn RJ, Von Stein EL, Wu TQ, Qing KY, Fogarty A, Razavi B, **Venkatasubramanian C**. Transcranial direct current stimulation for focal status epilepticus or lateralized periodic discharges in four patients in a critical care setting. *Epilepsia* 2023 64(4) 875-887.
2. Anna Finley Caulfield , Michael Mlynash, Irina Eyngorn, Maarten G. Lansberg, Anousheh Afjei, **Chitra Venkatasubramanian**, Marion S. Buckwalter and Karen G. Hirsch. Prognostication of ICU patents by providers with and without neurocritical care training. *Neurocrit Care*. <https://doi.org/10.1007/s12028-022-01467-6>
3. Arandela K, Samudrala S, Abdalkader M, Anand P, Daneshmand A, Dasenbrock H, Nguyen Tm Ong C, Takahashi C, Shulman J, Babi MA, Sivakumar S, Shah N, Jain S, Anand S, Nobleza CO, Shekhar S, **Venkatasubramanian C**, Salahuddin H, Taqi M, Nour HA, Nofar J, Cervantes A. Reversible Cerebral Vasoconstriction Syndrome in Patients with Coronavirus Disease: A multicenter case series. *Journal of Stroke Cerebrovascular Disease*. 2021.
4. Walia, S, Fisher, Kirsten, Dodd, R and **Venkatasubramanian C**. Surgical management of

intracerebral hemorrhage. *Current Opinion in Neurology*, 2021

5. Saver J, Chaisinanunkul N, Campbell B, Grotta J, Hill M.D, Khatri P, Landen J, Lansberg M.G, **Venkatasubramanian C**, Albers G.W. Standardized Nomenclature for Modified Rankin Scale Global Disability Outcomes; Consensus recommendations from stroke therapy academic industry roundtable XI. *Stroke*. 2021.
6. Bruce C V Campbell, Maarten G Lansberg, Joseph P Broderick, Colin P Derdeyn , Pooja Khatri , Amrou Sarraj , Jeffrey L Saver , Achala Vagal , Gregory W Albers, STAIR XI Consortium STAIR XI Consortium: Opeolu Adeoye, Saeed Ansari, Johannes Boltze, Alastair Buchan, Napasri Chaisinanunkul, Christopher Chen, Thomas P Davis, Tatiana Ermakova, Marc Fisher, Walid Haddad, Michael D Hill, Gary Houser, Ashutosh P Jadhav, W Taylor Kimberly, Jaren W Landen, David S Liebeskind, Patrick Lyden, John Lynch, Chris Mansi, J Mocco, Raul G Nogueira, Sean I Savitz, Lee H Schwamm, Kevin N Sheth, Yoram Solberg, **Chitra Venkatasubramanian**, Steven Warach, Lawrence R Wechsler, Bin Zhu, Nikolaos K Ziogas. *Acute Stroke Imaging Research Roadmap IV: Imaging Selection and Outcomes in Acute Stroke Clinical Trials and Practice*. *Stroke* 2021. 52 (8) 2723-2733
7. Heit JJ, Coelho H, Lima FO, Granja M, Aghaebrahim A, Hanel R, Kwok K, Haerian H, Cereda CW, **Venkatasubramanian C**, Dehkharghani S, Carbonera LA, Wiener J, Copeland K, Mont'Alverne F. Automated Cerebral Hemorrhage Detection Using RAPID. *Americal Journal of Neuroradiol*. 2021. 42 (2) 273-278.
8. Hirsch KG, Fischbein N, Mlynash M, Kemp S, Bammer R, Eyngorn I, Tong J, Moseley M, **Venkatasubramanian C**, Caulfield AF, Albers G. Prognostic value of diffusion-weighted MRI for post-cardiac arrest coma. *Neurology*. 2020 Apr 21;94(16):e1684-e1692.
9. Heit J, Maier C, **Venkatasubramanian C**, Cereda C, Alverne F, Lansberg M et al. High Performance Automated CT Angiographic Clot Detection: A Multi-reader Comparison in Acute Ischemic Stroke Trial Subjects. *Radiology* 2021 Mar;298(3):665-670
10. Nicholas G. Panos, Aaron M. Cook, Sayona John, and G. Morgan Jones, and On behalf of the Neurocritical Care Society (NCS) Pharmacy Study Group. Factor Xa Inhibitor-Related Intracranial Hemorrhage (FiX-ICH): Results from a Multicenter, Observational Cohort Receiving Prothrombin Complex Concentrates. *Circulation* 2020.
11. Hirsch, K. G., Fischbein, N., Mlynash, M., Kemp, S., Bammer, R., Eyngorn, I., Tong, J., Moseley, M., **Venkatasubramanian, C.**, Caulfield, A. F., Albers, G. Prognostic value of diffusion-weighted MRI for post-cardiac arrest coma. *Neurology* 2020
12. Cook, A. M., Morgan Jones, G., Hawryluk, G. W., Mailloux, P., McLaughlin, D., Papangelou, A., Samuel, S., Tokumaru, S., **Venkatasubramanian, C.**, Zacko, C., Zimmermann, L. L., Hirsch, K., Shutter, L. Guidelines for the Acute Treatment of Cerebral Edema in Neurocritical Care Patients. *Neurocritical Care*. E pub. 2020
13. **Venkatasubramanian C**, Lopez GA, O'Phelan KH; ENLS Writing Group. Emergency Neurological Life Support: Fourth Edition, Updates in the Approach to Early Management of a Neurological Emergency. *Neurocrit Care*. 2019 Sep 23. doi: 10.1007/s12028-019-00810-8.

14. Johnston KC, Bruno A, Pauls Q, Hall CE, Barrett KM, Barsan W, Fansler A, Van de Bruinhorst K, Janis S, Durkalski-Mauldin VL; Neurological Emergencies Treatment Trials Network and the **SHINE Trial Investigators**. Intensive vs Standard Treatment of Hyperglycemia and Functional Outcome in Patients With Acute Ischemic Stroke: The SHINE Randomized Clinical Trial. *JAMA*. 2019. 23;322(4):326-335
15. Ziai WC, Thompson CB, Mayo S, McBee N, Freeman WD, Dlugash R, Ullman N, Hao Y, Lane K, Awad I, Hanley DF; Clot Lysis: Evaluating Accelerated Resolution of Intraventricular Hemorrhage (**CLEAR III**) **Investigators**. Intracranial Hypertension and Cerebral Perfusion Pressure Insults in Adult Hypertensive Intraventricular Hemorrhage: Occurrence and Associations With Outcome. *Crit Care Med*. 2019 Aug;47(8):1125-1134
16. Selim M, Foster LD, Moy CS, Xi G, Hill MD, Morgenstern LB, Greenberg SM, James ML, Singh V, Clark WM, Norton C, Palesch YY, Yeatts SD; **i-DEF Investigators**. Deferoxamine mesylate in patients with intracerebral haemorrhage (i-DEF): a multicentre, randomised, placebo-controlled, double-blind phase 2 trial. *Lancet Neurol*. 2019 May;18(5):428-438
17. Rustam Al-Shahi Salman*, Joseph Frantzias*, Robert J Lee*, Patrick D Lyden, Thomas W K Battey, Alison M Ayres, Joshua N Goldstein, Stephan A Mayer, Thorsten Steiner, Xia Wang, Hisatomi Arima, Hitoshi Hasegawa, Makoto Oishi, Daniel A Godoy, Luca Masotti, Dar Dowlathshahi, David Rodriguez-Luna, Carlos A Molina, Dong-Kyu Jang, Antonio Davalos, José Castillo, Xiaoying Yao, Jan Claassen, Bastian Volbers, Seiji Kazui, Yasushi Okada, Shigeru Fujimoto, Kazunori Toyoda, Qi Li, Jane Khoury, Pilar Delgado, José Álvarez Sabín, Mar Hernández-Guillamon, Luis Prats-Sánchez, Chunyan Cai, Mahesh P Kate, Rebecca McCourt, **Chitra Venkatasubramanian**, Michael N Diringer, Yukio Ikeda, Hans Worthmann, Wendy C Ziai, Christopher D d'Esterre, Richard I Aviv, Peter Raab, Yasuo Murai, Allyson R Zazulia, Kenneth S Butcher, Seyed Mohammad Seyedasaadat, James C Grotta, Joan Martí-Fàbregas, Joan Montaner, Joseph Broderick, Haruko Yamamoto, Dimitre Staykov, E Sander Connolly, Magdy Selim, Rogelio Leira, Byung Hoo Moon, Andrew M Demchuk, Mario Di Napoli, Yukihiro Fujii, Craig S Anderson, Jonathan Rosand, for the VISTA-ICH Collaboration† and the ICH Growth Individual Patient Data Meta-analysis Collaborators. Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. *Lancet Neurol* 2018. S1474-4422(18)30253-9.
18. Morotti A, Romero JM, Jessel MJ, Hernandez AM, Vashkevich A, Schwab K, Burns JD, Shah QA, Bergman TA, Suri MFK, Ezzeddine M, Kirmani JF, Agarwal S, Shapshak AH, Messe S, **Venkatasubramanian C**, Palmieri K, Lewandowski C, Chang TRm Chang I, Rose DZ, Smith W, Hsu CY, Liu CL, Lien LM, Hsiao CY, Iwama T, Afzal MR, Cassarly C, Greenberg SM, Martin RH, Qureshi AI, Rosand J, Boone JM, Goldstein JN. "Phantom-Based Standardization of CT Angiography Images for Spot sign detection. *Neuroradiology* 2017
19. Stern-Nazar S, Eyngorn I, Mlynash M, Snider RW, **Venkatasubramanian C**, Wijman CAC, Buckwalter M. Depression one year after hemorrhagic stroke is associated with late worsening of outcomes. *Neurorehabilitation*, 2017 41(1):179-187

20. Qureshi AI, Palesch YY, Barsan WG et al; **ATACH-2 Trial Investigators** and the Neurological Emergency Treatment Trials Network. Intensive Blood-Pressure Lowering in Patients with Acute Cerebral Hemorrhage. *N Engl J Med*. 2016 15;375(11):1033-43
21. Garvin R, **Venkatasubramanian C**, Lumba-Brown A, Miller CM. Emergency neurological life support: Traumatic Brain Injury. *Neurocrit Care*. 2015;23 Suppl 2:S143-54.
22. Wright DW, Yeatts SD et al on behalf of **NETT investigators**. Very early administration of progesterone for acute traumatic brain injury. 2014, *NEJM*; 371 (26): 2457-66.
23. Compter A, van der Hoeven EJ, van der Worp HB, Vos JA, Weimar C, Rueckert CM, Kappelle LJ, Algra A, Schonewille WJ; **BASICS Study Group**. Vertebral artery stenosis in the **Basilar Artery International Cooperation Study (BASICS)**: prevalence and outcome. *J Neurol* 2015, 262 (2): 410-7.
24. **Chitra Venkatasubramanian**, MD; Jonathan T. Kleinman, MD; Nancy J. Fischbein, MD; Jean-Marc Olivot, MD, PhD; Alisa D. Gean, MD; Irina Eyngorn, MD; Ryan W. Snider, BA; Michael Mlynash, MD, MS; Christine A. C. Wijman, MD, PhD. Natural History and Prognostic Value of Corticospinal Tract Wallerian Degeneration in Intracerebral Hemorrhage. (*J Am Heart Assoc*. 2013)
25. Mlynash M, Buckwalter MS, Okada A, Caulfield AF, **Venkatasubramanian C**, Eyngorn I, Verbeek MM, Wijman CA. Serum Neuron-Specific Enolase Levels from the Same Patients Differ Between Laboratories: Assessment of a Prospective Post-cardiac Arrest Cohort. *Neurocrit Care*. 2013.
26. Aksoy D, Bammer R, Mlynash M, **Venkatasubramanian C**, Eyngorn I, Snider RW, Gupta SN, Narayana R, Fischbein N, Wijman CA. Magnetic resonance imaging profile of blood-brain barrier injury in patients with acute intracerebral hemorrhage. *J Am Heart Assoc*. 2013 May 24;2(3):e000161. doi: 10.1161/JAHA.113.000161.
27. Loya JJ, Mindea SA, Yu H, **Venkatasubramanian C**, Chang SD, Burns TC. Intracranial hypotension producing reversible coma: a systematic review, including three new cases. *Journal of Neurosurgery*. 2012 (E.pub)
28. Finley Caulfield A, Rachabattula S, Eyngorn I, Hamilton SA, Kalimuthu R, Hsia AW, Lansberg MG, **Venkatasubramanian C**, Baumann JJ, Buckwalter MS, Kumar MA, Castle JS, Wijman CA. A comparison of cooling techniques to treat cardiac arrest patients with hypothermia. *Stroke Res Treat*. 2011; 2011: 690506.
29. **Venkatasubramanian C**, Mlynash M, Finley-Caulfield A, Eyngorn I, Kalimuthu R, Snider RW, Wijman CA. Natural history of perihematoma edema after intracerebral hemorrhage measured by serial magnetic resonance imaging. *Stroke*. 2011;42:73-80.
30. Arnold M, Fischer U, Compter A, Gralla J, Findling O, Mattle HP, Kappelle LJ, Tanne D, Algra A, Schonewille WJ, Weber AM, Donnan GA, Thijs V, Peeters A, de Freitas G, Conforto AB, Miranda-Alves A, Massaro A, Ijäs P, Bogoslovsky T, Lindsberg PJ, Weimar C, Benemann J, Kraywinkel K, Haverkamp C, Michalski D, Weimar C, Weissenborn K, Goertler M, Kloth A, Bitsch A, Mieck T, Machetanz J, Möller P, Huber R, Kaendler S, Rueckert C, Audebert H, Müller R, Vatankeh B, Pfefferkorn T, Mayer TE, Szabo K,

- Disque C, Busse O, Berger C, Hacke W, Schwammenthal Y, Orion D, Tanne D, Bergui M, Pozzati E, Schonewille WJ, Schonewille WJ, Algra A, Kappelle LJ, Luijckx GJ, Vroomen P, Vergouwen MD, Roos Y, Stam J, Bienfait P, de Leeuw FE, de Kort P, Dippel D, Baird T, Muir K, Pagola J, Ribo M, Molina C, Gonzales A, Gil-Peralta A, Norrving B, Arnold M, Fischer U, Gralla J, Mattle H, Schroth G, Michel P, Engelter ST, Wetzel S, Lyrer P, Gandjour J, Michael N, Baumgartner R, Tettenborn B, Hungerbuehler H, Wijman CA, Finley Caulfield A, Lansberg M, Schwartz N, **Venkatasubramanian C**, Garami Z, Bogaard S, Yatsu F, Grotta J. Acute basilar artery occlusion in the Basilar Artery International Cooperation Study: does gender matter? *Stroke*. 2010;41:2693-2696.
31. Olivot JM, Mlynash M, Kleinman JT, Straka M, **Venkatasubramanian C**, Bammer R, Moseley ME, Albers GW, Wijman CA; DASH investigators. MRI profile of the perihematomal region in acute intracerebral hemorrhage. *Stroke*. 2010 ;41:2681-2683.
 32. Wijman C.A.C, **Venkatasubramanian C**, Schwartz N, Bruins S, Fischbein N. Utility of MRI in the Diagnosis and Management of Spontaneous Intracerebral Hemorrhage. *Journal of Cerebrovascular diseases*, 2010; 30: 456-463.
 33. Hemmen TM, Raman R, Guluma KZ, Meyer BC, Gomes JA, Cruz-Flores S, Wijman CA, Rapp KS, Grotta JC, Lyden PD, Hemmen TM, Rzesiewicz T, Guluma KZ, Meyer BC, Grotta J, Hess MJ, Martin-Schild S, Barreto A, Hallevi H, Gonzales N, Savitz S, Gomes J, Blum J, Hammer M, Gruendler E, Wijman CA, Albers GW, Buckwalter MS, Castle JS, Finley Caulfield A, Garcia M, Kemp S, Kumar MA, Lansberg MG, Schwartz NE, **Venkatasubramanian C**, Cruz-Flores S, Holzemer E, Lyden PD, Rapp KS.(ICTUS-L investigators). Intravenous thrombolysis plus hypothermia for acute treatment of ischemic stroke (ICTuS-L): final results. *Stroke*. 2010 ;41:2265-2270.
 34. Kapinos G, Fischbein NJ, Zaharchuk GZ, **Venkatasubramanian C**. Migraine like headache with visual deficit and perfusion abnormality on MRI. *Neurology*. 2010; 74(21):1743-1745
 35. Finley Caulfield A, Gabler L, Lansberg MG, Eyngorn I, Mlynash M, Buckwalter MS, **Venkatasubramanian C**, Wijman CA. Outcome prediction in mechanically ventilated neurologic patients by junior neurointensivists. *Neurology* 2010; 74 (14): 1096-101.
 36. Samaniego EA, Lansberg MG, DeGeorgia M, **Venkatasubramanian C**, Wijman CA. Favorable outcome from a locked in state despite extensive pontine infarction by diffusion weighted imaging MRI. *Neurocritical Care*. 2009; 11(9): 369-71.
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38. Schwartz N, **Venkat C**, Albers GW. Transient Isolated Vertigo Secondary to an Acute Stroke of the Cerebellar Nodulus. *Arch Neurol.* 2007; 64: 897
 39. Wijman C.A.C, **Venkatasubramanian C**. The effect of blood pressure on hematoma and perihematoma area in acute intracerebral hemorrhage. *Neurosurgery Clinics of North America.* 2006; Supplement 1: 11-24.
 40. S. Dandapani, Subbiah, **Chitra V**. Myocarditis following scorpion sting. *The Antiseptic.* 1998; 95:303-304.
 41. **Chitra V**. Privatization of medical services in India. *Indian Journal of Clinical Practice.* 1997;7:81-82

PEER REVIEWED ABSTRACTS (PLATFORMS AND POSTERS)

1. Yazdani S, Fakhar M, Lara LR, **Venkatasubramanian C**, Threlkeld ZD, Caulfield AC. Super refractory Status epilepticus and Cortical Laminar Necrosis. Annual Neurocritical Care Society Meeting, 2022
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