

Email

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Specialty

Neurological Surgery

Certifications

Neurological Surgery

Clinical Focus

AVM surgery
Acoustic Neuroma
Acoustic Neuroma Removal
Aneurysm Coiling
Angiography
Arnold-Chiari Syndrome
Arteriovenous Malformations
Astrocytoma
Atherectomy/Angioplasty Of Noncoronary Vessel
Atherosclerosis
Balloon Test Occlusion
Biopsy
Brain Aneurysm
Brain Metastasis
Brain Tumor And Brain Cancer
Brain, Spine Tumors
Carotid Artery Endarterectomy
Carotid Artery Stenosis
Carotid Stenting
Cavernous Malformations
Chiari Malformation
Computer Guided Craniotomy
Craniotomy
Dural Arteriovenous Malformations
Endarterectomy
Endovascular Embolization
Facial Arteriovenous Malformations
Facial Vascular Malformations
Hemangioma
Hemifacial Spasm
Intracerebral Hemorrhage (ICH)
Intracranial Stenting
Lymphatic Malformations
Mechanical Thrombectomy
Meningioma
Microvascular Clipping

Microvascular Occlusion
Minimally invasive chiari decompression surgery
Neuroendoscopy
Pediatric surgery
Sclerotherapy
Spinal Vascular Malformations
Stereotactic Radiosurgery
Stroke
Subarachnoid Hemorrhage
Transient Ischemic Attack
Vascular Malformations
Vein of Galen Malformations
Venous Sampling
Vertebral Stenosis
Vertebroplasty And Kyphoplasty
WADA Testing

Education

MD, [Columbia](#) University College of Physicians & Surgeons

Residency, Internship
New York Presbyterian-Columbia University Medical Center

Residency, Neurological Surg
Neurological Institute

Fellowship, Neurovascular
University of Buffalo

Biography

J Mocco, MD, MS, a cerebrovascular and endovascular neurosurgeon with clinical interests in stroke, brain aneurysms, subarachnoid hemorrhage, arteriovenous malformations, cavernous malformations, carotid artery stenosis, intracranial stenosis, and brain tumors, has joined Mount Sinai as Professor and Vice Chair for Education in the Department of Neurosurgery, and Director of the Cerebrovascular Center. Dr. Mocco was previously Associate Professor of Neurological Surgery, Radiology, and Radiological Sciences at Vanderbilt University Medical Center.

Dr. Mocco received his medical degree from the Columbia University College of Physicians and Surgeons. He completed his Master of Science in Biostatistics from the Mailman School of Public Health at Columbia University, a residency in Neurological Surgery from the Neurological Institute of New York and a fellowship in Endovascular Neurosurgery from the University of Buffalo.

Dr. Mocco has published over 250 peer-reviewed publications, edited two textbooks on neurosurgical techniques, and runs numerous national and international clinical trials to improve the treatment of patients with

cerebrovascular disease.

Dr. Mocco's research interests focus on translational efforts to treat ischemic and hemorrhagic stroke.

Publications

Mocco J, Fiorella D, Fargen KM, Albuquerque F, Chen M, Gupta R, Hirsch JA, Linfante I, Mack W, Rai AT, Tarr RW. Endovascular therapy for acute ischemic stroke is indicated and evidence based: a position statement. *Journal of neurointerventional surgery* 2015 Feb; 7(2).

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Fargen KM, Neal D, Fiorella DJ, Turk AS, Froehler M, Mocco J. A meta-analysis of prospective randomized controlled trials evaluating endovascular therapies for acute ischemic stroke. *Journal of neurointerventional surgery* 2015 Feb; 7(2).

Dababneh H, Bashir A, Hussain M, Guerrero WR, Morgan W, Khanna AY, Mocco JD. Endovascular treatment of tandem internal carotid and middle cerebral artery occlusions. *Journal of vascular and interventional neurology* 2014 Nov; 7(4).

Dababneh H, Hussain M, Guerrero WR, Xu J, Morgan W, Mocco J, Kirmani JF. . *Journal of vascular and interventional neurology* 2014 Nov; 7(4).

Ladner TR, Davis BJ, He L, Kirshner HS, Froehler MT, Mocco J. Complex decision-making in stroke: preoperative mechanical thrombectomy of septic embolus for emergency cardiac valve surgery. *Journal of neurointerventional surgery* 2014 Nov;.

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Ladner TR, He L, Jordan LC, Cooper C, Froehler MT, Mocco J. Mechanical thrombectomy for acute stroke in childhood: how much does restricted diffusion matter?. *Journal of neurointerventional surgery* 2014 Nov;.

Velikina JV, Samsonov AA. Reconstruction of dynamic image series from undersampled MRI data using data-driven model consistency condition (MOCCO). *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine* 2014 Nov;.

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Linfante I, Mack W, Chen M, Rai A, Albuquerque F, Gupta R, Hirsch JA, Mocco J, Fiorella D, Tarr R. Best articles published in 2014 in *Journal of NeuroInterventional Surgery*. *Journal of neurointerventional surgery* 2014 Dec; 6(10).

Fargen KM, Mocco J, Gobin YP. The Lazarus Funnel: a blinded prospective randomized in vitro trial of a novel CE-marked thrombectomy assist device. *Journal of neurointerventional surgery* 2014 Nov;.

Gupta R, Rai AT, Hirsch JA, Linfante I, Mack W, Mocco J, Albuquerque F, Chen M, Fiorella D, Tarr RW. A research roadmap of future endovascular stroke trials. *Journal of neurointerventional surgery* 2015 Feb; 7(2).

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King B, Vaziri S, Singla A, Fargen KM, Mocco J. Clinical and angiographic outcomes after stent-assisted coiling of cerebral aneurysms with Enterprise and Neuroform stents: a comparative analysis of the literature. *Journal of neurointerventional surgery* 2014 Oct;.

Turner R, Fiorella D, Mocco J, Frei D, Baxter B, Siddiqui A, Spiotta A, Chaudry I, Turk AS. Authors' reply. *Journal of neurointerventional surgery* 2014 Oct;.

Lin N, Brouillard AM, Keigher KM, Lopes DK, Binning MJ, Liebman KM, Veznedaroglu E, Magarik JA, Mocco J, Duckworth EA, Arthur AS, Ringer AJ, Snyder KV, Levy EI, Siddiqui AH. Utilization of Pipeline embolization device for treatment of ruptured intracranial aneurysms: US multicenter experience. *Journal of neurointerventional surgery* 2014 Sep;.

Goyal M, Almekhlafi M, Menon B, Hill M, Fargen K, Parsons M, Bang OY, Siddiqui A, Andersson T, Mendes V, Davalos A, Turk A, Mocco J, Campbell B, Nogueira R, Gupta R, Murphy S, Jovin T, Khatri P, Miao Z, Demchuk A, Broderick JP, Saver J. Challenges of acute endovascular stroke trials. *Stroke; a journal of cerebral circulation* 2014 Oct; 45(10).

Dababneh H, Bashir A, Guerrero WR, Wilson K, Hussain M, Misthal S, Morgan W, Peters K, Kirmani JF, Mocco J. Mean transit time on Aquilion ONE and its utilization in patients undergoing acute stroke intervention. *Journal of vascular and interventional neurology* 2014 Dec; 7(5). *Clinical Trials*

The WEB® Intracascular Therapy Study (WEB-IT)
COAST: Coiling of Aneurysms Smaller Than 5mm With HyperSoft®
MISTIE III - A phase III, Randomized, Open Label, 500-Subject Clinical
Trial of Minimally Invasive Surgery Plus rt-PA in the Treatment of
Intracerebral Hemorrhage

Industry Relationships

Physicians and scientists on the faculty of the Icahn School of Medicine at Mount Sinai often interact with pharmaceutical, device and biotechnology companies to improve patient care, develop new therapies and achieve scientific breakthroughs. In order to promote an ethical and transparent environment for conducting research, providing clinical care and teaching, Mount Sinai requires that salaried faculty inform the School of their relationships with such companies.

Below are financial relationships with industry reported by Dr. Mocco during 2014 and/or 2015. Please note that this information may differ from information posted on corporate sites due to timing or classification differences.

Consulting:

Edge Therapeutics, Inc.; Medina Medical, Inc.

Scientific Advisory Board:

Codman Neuro (DePuy Synthes)

Other Activities: Examples include, but are not limited to, committee participation, data safety monitoring board (DSMB) membership.

Medina Medical, Inc. ; Medtronic, Inc.

Equity (Stock or stock options valued at greater than 5% ownership of a publicly traded company or equity of any value in a privately held company)

Blockade Medical, LLC; Lazarus Effect; Medina Medical, Inc. ; Pulsar Healthcare

Mount Sinai's faculty policies relating to faculty collaboration with industry are posted on our website. Patients may wish to ask their physician about the activities they perform for companies. [-] Insurance Information

Physicians who provide services at hospitals and facilities in the Mount Sinai Health System might not participate in the same health plans as those Mount Sinai hospitals and facilities (even if the physicians are employed or contracted by those hospitals or facilities).

Information regarding insurance participation and billing by this physician may be found on this page, and can also be obtained by contacting this provider directly. Because physicians insurance participation can change, the insurance information on this page may not always be up-to-date. Please contact this physician directly to obtain the most up-to-date insurance information.

Insurance and health plan networks that the various Mount Sinai Health System hospitals and facilities participate in can be found on the Mount Sinai Health System

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