

---

## Appendix 1 Authors

---

Name	Location	Contribution
Thanh N. Nguyen, MD	Boston Medical Center, Boston University School of Medicine	Conception and design of study Drafted manuscript Sought funding for study Merged data from centers
Muhammad M. Qureshi, MBBS, MPH	Boston Medical Center	Lead statistician Drafted statistical section of manuscript Critical revision of manuscript
Piers Klein	Boston University School of Medicine	Drafted manuscript Merged data from centers
Hiroshi Yamagami, MD, PhD	Department of Neurology, National Hospital Organization Osaka National Hospital, Japan	Major role in data acquisition Critical review of manuscript Led centers in Japan to participate in study
Robert Mikulik, MD, PhD	Department of Neurology. International Clinical Research Centre. St Anne's University Hospital and Faculty of Medicine, Masaryk University, Brno, Czech Republic	Major role in data acquisition Led centers in the Czech Republic to participate in study
Petra Sedova, MD	Department of Neurology. International Clinical Research Centre. St Anne's University Hospital and Faculty of Medicine, Masaryk University, Brno, Czech Republic	Major role in data acquisition
Ossama Yassin Mansour, MD, PhD	Department of Neurology, Alexandria University Stroke and Neurointervention Unit, Alexandria, Egypt	Major role in data acquisition Led centers in MENA-SINO to participate in study
Anna Członkowska, MD PhD	2nd Department of Neurology, Institute of Psychiatry and Neurology, Warsaw, Poland	Major role in data acquisition
Mohamad Abdalkader, MD	Department of Radiology, Boston Medical Center	Major role in data acquisition
Husitha Reddy Vanguru, MD	Neurology, Cleveland Clinic	Major role in data acquisition

Ken Uchino, MD	Neurology, Cleveland Clinic	Major role in data acquisition
Emilie Lesaine, MD	Centre Hospitalier de l'Université de Bordeaux, INSERM, Bordeaux Population Health Research Center, Bordeaux, France	Major role in data acquisition
Aaron I. Loochtan, MD	Ohio Health Riverside Methodist Hospital	Major role in data acquisition
Andreas Charidimou, MD, PhD	Neurology, Boston Medical Center	Major role in data acquisition
Georgios Tsivgoulis MD, PhD, MSc	"Attikon" University Hospital, National and Kapodistrian University of Athens, Athens, Greece	Major role in data acquisition
Jelle Demeestere, MD	Neurology Department, Leuven University Hospital, Leuven, Belgium	Major role in data acquisition Led sites in Belgium to participate
Hannah Lo, BS	Boston University School of Medicine	Merging of data from centers
Anvitha Sathya	Boston University School of Medicine	Merging of data from centers
Soma Banerjee, MD	Imperial Stroke Centre, Imperial College Healthcare NHS Trust	Major role in data acquisition
Joseph Kwan, MD	Imperial Stroke Centre, Imperial College Healthcare NHS Trust, Charing Cross Hospital, London, UK	Major role in data acquisition
Diana Aguiar de Sousa, MD, MSc	Hospital de Santa Maria - CHULN, Portugal	Major role in data acquisition
Shadi Yaghi, MD	Department of Neurology, Brown University	Critical review of manuscript
Violiza Inoa, MD	University of Tennessee Health Science Center	Major role in data acquisition
Nitin Goyal, MD	University of Tennessee Health Science Center	Major role in data acquisition
James E. Siegler, MD	Cooper Neurological Institute, Cooper University Hospital	Major role in data acquisition

Mahmoud Mohammaden, MD	Department of Neurology, Emory University School of Medicine	Major role in data acquisition
Diogo C. Haussen, MD	Department of Neurology, Grady Memorial Hospital, Emory University School of Medicine	Major role in data acquisition
Virginia Pujol Lereis, MD	Institute for Neurological Research	Major role in data acquisition
Sergio Daniel Scollo, MD	Stroke Unit Ramos Mejia Hospital, Buenos Aires, Argentina	Major role in data acquisition
Alice Ma, MBBS	Royal North Shore Hospital, Sydney	Major role in data acquisition
Bruce C.V. Campbell, MBBS, PhD	Department of Medicine and Neurology, Melbourne Brain Centre at the Royal Melbourne Hospital, University of Melbourne, Parkville, Victoria, Australia	Major role in data acquisition
James Orton Thomas, B. Med	Department of Neurophysiology, Liverpool Hospital, New South Wales, Australia	Major role in data acquisition
Mark Parsons, B.Med, PhD	Department of Neurology, Liverpool Hospital, New South Wales, Australia	Major role in data acquisition
Shaloo Singhal, MBBS	Monash University, Melbourne, Australia	Major role in data acquisition
Lee-Anne Slater, MBBS FRANZCR Mmed	Monash University, Melbourne, Australia	Major role in data acquisition
Rodrigo Tomazini Martins, MD, PhD	Department of Neurology, Mater Hospital, Brisbane, Australia	Major role in data acquisition
Christian Enzinger, MD, MBA	Department of Neurology and Department of Radiology, Division of Neuroradiology, Vascular and Interventional Radiology, Medical University of Graz, Austria	Major role in data acquisition, critical review of manuscript

Thomas Gattringer, MD, PhD, FESO	Department of Neurology and Department of Radiology, Division of Neuroradiology, Vascular and Interventional Radiology, Medical University of Graz, Austria	Major role in data acquisition, critical review of manuscript
Aminur Rahman, FCPS, MD	Department of Neurology, Sir Salimullah Medical College, Mitford, Dhaka, Bangladesh	Major role in data acquisition
Thomas Bonnet, MD	Hopital Erasme, Brussels, Belgium	Major role in data acquisition
Noémie Ligot, MD	Hopital Erasme	Major role in data acquisition
Sylvie De Raedt, MD, PhD	Department of Neurology, Universitair Ziekenhuis Brussel, Center for Neurosciences, Vrije Universiteit Brussel, Brussels, Belgium	Major role in data acquisition
Fenne Vandervorst, MD	Department of Neurology, Universitair Ziekenhuis Brussel, Center for Neurosciences, Vrije Universiteit Brussel, Brussels, Belgium	Major role in data acquisition
Robin Lemmens, MD, PhD	Neurology Department, Leuven University Hospital	Major role in data acquisition
Peter Vanacker, MD	Department of Neurology, University Hospitals Antwerp; Department of Translational Neuroscience, University of Antwerp, Belgium	Major role in data acquisition
Adriana Bastos Conforto, MD	Hospital das Clínicas, São Paulo University, Brazil	Major role in data acquisition
Isabelle Lameirinhas da Silva, MD	Hospital das Clínicas, São Paulo University, Brazil	Major role in data acquisition
Raquel C.T. Hidalgo, MD	Department of Neurology and Interventional Neuroradiology, Hospital de Base de São José do Rio Preto, Brazil	Major role in data acquisition
Letícia C. Rebello, MD	Hospital de Base do Distrito Federal, Brasilia, Brazil	Major role in data acquisition

Rodrigo Targa Martins, MD	Stroke Unit, Neurology, Nossa Senhora da Conceição Hospital, Porto Alegre, Brazil	Major role in data acquisition
Daissy Liliana Mora Cuervo, MD	Moinhos de Vento Hospital, Brazil	Major role in data acquisition
Luciana Neves, MD	Hospital São Carlos, Brazil	Major role in data acquisition
Igor Bessa Santiago, MD	Hospital São Carlos, Brazil	Major role in data acquisition
Filip Alexiev, MD	St. Anna University Hospital, Sofia, Bulgaria	Major role in data acquisition
Teodora Sakelarova, MD	St. Anna University Hospital, Sofia, Bulgaria	Major role in data acquisition
Rosen Kalpachki, MD	St. Anna University Hospital, Sofia, Bulgaria	Major role in data acquisition
Elena Adela Cora, MD	Dalhousie University, Halifax, Nova Scotia, Canada	Major role in data acquisition
Luciana Catanese, MD	Department of Neurology, McMaster University, Hamilton, Canada	Major role in data acquisition
Mayank Goyal, MD	Department of Radiology, University of Calgary, Canada	Critical revision of manuscript
Michael Hill, MD	Department of Neurology, University of Calgary, Canada	Conception of study, critical revision of manuscript
Houman Khosravani, MD, PhD	Department of Neurology, Hurvitz Brain Sciences Program, Sunnybrook Health Sciences Centre, Division of Neurology, Department of Medicine, University of Toronto, Canada	Major role in data acquisition
Pascale Lavoie, MD	Hopital Enfant Jesus, Centre Hospitalier de l'Universite Laval, Quebec City	Major role in data acquisition
Michael Kelly, MD, PhD	Royal University Hospital, Saskatoon, Saskatchewan, Canada	Major role in data acquisition
Aleksandra Pikula, MD	Toronto Western Hospital, University of Toronto, Toronto, Canada	Major role in data acquisition

Rodrigo Rivera, MD	Neuroradiology Department, Instituto de Neurocirugía Dr. Asenjo, Santiago, Chile	Major role in data acquisition
Hui-Sheng Chen, MD, PhD	Department of Neurology, General Hospital of Northern Theater Command, Shen Yang, China	Major role in data acquisition
Yimin Chen, MD	Department of Neurology, Foshan Sanshui People's Hospital, China	Major role in data acquisition
Xiaochuan Huo, MD	Interventional Neuroradiology, Beijing Tiantian Hospital, Beijing, China	Major role in data acquisition
Zhongrong Miao, MD	Interventional Neuroradiology, Beijing Tiantian Hospital, Beijing, China	Major role in data acquisition
Shuiquan Yang, MD	Department of Neurology, Foshan Sanshui People's Hospital, China	Major role in data acquisition
Marina Roje Bedekovic, MD	Department of Neurology, Sestre Milosrdnice University Hospital Center, Zagreb, Croatia	Major role in data acquisition
Marina Bralic, MD, PhD	Clinical Hospital Center Rijeka, Rijeka, Croatia	Major role in data acquisition
Hrvoje Budincevic, MD, PhD	Sveti Duh University Hospital, Department of Neurology, Zagreb, Croatia	Major role in data acquisition
J.J. Strossmayer, MD	University of Osijek, Faculty of Medicine, Department of Neurology and Neurosurgery, Osijek, Croatia	Major role in data acquisition
Ángel Basilio Corredor-Quintero, MD	Department of Neurology, Hospital Departamental Universitario del Quindío San Juan de Dios, Colombia	Major role in data acquisition
Osvaldo E. Lara- Sarabia, MD MSc	Department of Neurology, Clínica de la Costa, Barranquilla, Colombia	Major role in data acquisition

Martin Čabal, MD	Department of Neurology, Faculty Hospital Ostrava, Czech Republic	Major role in data acquisition
Tenora Dusan, MD	Department of Neurology, Blansko Hospital, Czech Republic	Major role in data acquisition
Pavel Dušek, MD	Department of Neurology and Centre of Clinical Neuroscience, First Faculty of Medicine, Charles University and General University Hospital in Prague	Major role in data acquisition
Roman Herzig, MD	Department of Neurology, Comprehensive Stroke Center, Charles University Faculty of Medicine and University Hospital, Czech Republic	Major role in data acquisition
David Lauer, MD	Department of Neurology, Third Faculty of Medicine, Charles University and University Hospital Kralovske Vinohrady, Czech Republic	Major role in data acquisition
Petr Fibrich, MD	Oblastní nemocnice Trutnov a.s., Czech Republic	Major role in data acquisition
Helena Hlaváčová, MD	Neurology, Hospital Příbram, Czech Republic	Major role in data acquisition
Lubomír Jurák, MD, PhD	Liberec Regional Hospital	Major role in data acquisition
Igor Karpowicz, MD	Regional Hospital Karlovy Vary, Czech Republic	Major role in data acquisition
Lukáš Klečka, MD	Ostrava, Czech Republic	Major role in data acquisition
Martin Kovář, MD	Na Homolce Hospital, Czech Republic	Major role in data acquisition
Jiří Neumann, MD	Hospital Chomutov, Czech Republic	Major role in data acquisition
Hana Paloušková, MD	Karvina Mining Hospital, Czech Republic	Major role in data acquisition

Martin Reiser, MD	Neurology, České Budejovice Hospital, České Budějovice, Czech Republic	Major role in data acquisition
Petra Reková, MD	Department of Neurology and Centre of Clinical Neuroscience, First Faculty of Medicine, Charles University and General University Hospital in Prague, Prague, Czech Republic	Major role in data acquisition
Miroslav Škorňa, MD	Department of Neurology, Masaryk University Faculty of Medicine, University Hospital Brno, Brno, Czech Republic	Major role in data acquisition
Lenka Sobotková, MD	Oblastní nemocnice Kladno, Czech Republic	Major role in data acquisition
Libor Šimůnek, MD	Department of Neurology, Comprehensive Stroke Center, Charles University Faculty of Medicine and University Hospital	Major role in data acquisition
Lenka Žáková, MD	Nemocnice Třinec, Czech Republic	Major role in data acquisition
Martin Šrámek, MD	Central Military Hospital in Prague, Czech Republic	Major role in data acquisition
Hanne Christensen, MD, PhD	Copenhagen University Hospital, Copenhagen, Denmark	Major role in data acquisition
Nicolas Drenck, MD	Copenhagen University Hospital, Copenhagen, Denmark	Major role in data acquisition
Helle K Iversen, MD	Stroke Center, Rigshospitalet, University of Copenhagen, Denmark	Major role in data acquisition
Thomas Clement Truelsen, MD	Stroke Center, Rigshospitalet, University of Copenhagen, Denmark)	Major role in data acquisition
Troels Wienecke, MD	Neurovascular Center, Zealand University Hospital, University	Major role in data acquisition



	of Copenhagen, Roskilde, Denmark	
Khalid Sobh, MD	El hussein Alzahar University Hospital, Egypt	Major role in data acquisition
Pauli Ylikotila, MD, Msc	Neurocenter, Turku University Hospital, Turku University, Turku, Finland	Major role in data acquisition
Kemal Alpay, MD	Department of Radiology, Turku University Hospital, Turku, Finland	Major role in data acquisition
Daniel Strbian, MD	Neurology, Helsinki University Hospital, Finland	Major role in data acquisition
Peggy Reiner, MD	Department of Neurology, Hôpital Lariboisière, Assistance Publique - Hôpitaux de Paris, Université Diderot, Paris, France	Major role in data acquisition
Patricia Bernady, MD	Bayonne Hospital Neurology, Stroke Unit, Bayonne, France	Major role in data acquisition
Philippe Casenave, MD	Libourne Hospital Neurology, Stroke Unit, Libourne, France	Major role in data acquisition
Maria Dan, MD	Centre Hospitalier d'Arcachon - Neurologie, Arcachon	Major role in data acquisition
Jean-Marc Fauchoux, MD	Agen Hospital Neurology, Stroke Unit, Agen, France	Major role in data acquisition
Jean-Christophe Gentric, MD	Neuroradiologie Interventionnelle, Brest University Hospital, France	Major role in data acquisition
Emilie Lesaine, MD	CHU Bordeaux, INSERM, Bordeaux Population Health Research Center, CIC-EC 14-01, F-33000 Bordeaux, France	Major role in data acquisition
Elsa Magro, MD	Neurochirurgie, Brest University Hospital, Brest, France	Major role in data acquisition
Francois Rouanet, MD	Bordeaux University Hospital Neurology, Stroke Unit, Bordeaux, France	Major role in data acquisition

Candice Sabben, MD	Department of Neurology, Rothschild Foundation Hospital, Paris, France	Major role in data acquisition
Stefan Boskamp, MD	Department of Neurology, Albertinen Krankenhaus, Hamburg, Germany	Major role in data acquisition
Ferdinand O. Bohmann, MD	Department of Neurology, University Hospital/ Goethe University, Frankfurt, Germany	Major role in data acquisition
Christian Nolte, MD	Neurology, Klinik für Neurologie, Center for Stroke Research Berlin, Berlin Institute of Health, Charité- Universitätsmedizin Berlin, Germany	Major role in data acquisition
Götz Thomalla, MD	Universitätsklinikum Hamburg- Eppendorf, Klinik und Poliklinik für Neurologie, Hamburg, Germany	Major role in data acquisition
Michael Rosenkranz, MD	Department of Neurology, Albertinen Krankenhaus, Hamburg, Germany	Major role in data acquisition
Joshua Mbroh, MD, MSc	Department of Neurology & Stroke, Eberhard-Karls University, Tuebingen, Germany 2 Hertie Institute for Clinical Brain Research, Eberhard-Karls University, Tuebingen, Germany	Major role in data acquisition
Sven Poli, MD, MSc	1 Department of Neurology & Stroke, Eberhard-Karls University, Tuebingen, Germany, 2 Hertie Institute for Clinical Brain Research, Eberhard-Karls University, Tuebingen, Germany	Major role in data acquisition
Peter A. Ringleb, MD	Department of Neurology, Heidelberg University Hospital, Heidelberg, Germany	Major role in data acquisition Critical revision of manuscript
Simon Nagel, MD	Department of Neurology, Heidelberg University Hospital, Heidelberg, Germany	Major role in data acquisition Critical revision of manuscript

Theodoros Karapanayiotides, MD	2nd Department of Neurology, AHEPA University Hospital, Aristotle University of Thessaloniki, School of Medicine, Faculty of Health Sciences, Greece	Major role in data acquisition
Ioanna Koutroulou, MD	2nd Department of Neurology, AHEPA University Hospital, Aristotle University of Thessaloniki, School of Medicine, Faculty of Health Sciences, Greece	Major role in data acquisition
Odysseas Kargiotis, MD	Stroke Unit, Metropolitan Hospital, Piraeus, Greece	Major role in data acquisition
Lina Palaiodimou, MD	2nd Department of Neurology, "Attikon" University Hospital, National and Kapodistrian University of Athens, Greece	Major role in data acquisition
Georgios Tsivgoulis, MD PhD	2nd Department of Neurology, "Attikon" University Hospital, National and Kapodistrian University of Athens	Major role in data acquisition Led centers in Greece to participate
José Domingo Barrientos Guerra, MD	Hospital General San Juan de Dios, Guatemala	Major role in data acquisition
Vikram Huded, MD	Mazumdar Shaw Medical Center, Bangalore, Karnataka, India	Major role in data acquisition
Chintan Prajapati, MD	Mazumdar Shaw Medical Center, Bangalore, Karnataka, India	Major role in data acquisition
Shashenk Nagendra, MD	Department of Neurology, Grant Medical College and Sir JJ Hospital, Mumbai, India	Major role in data acquisition
Bindu Menon, MD	Department of Neurology, Apollo Specialty Hospitals Nellore, Andhra Pradesh, India	Major role in data acquisition
P.N. Sylaja, MBBS, MD, DM	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala, India	Major role in data acquisition
Achmad Firdaus Sani, MD	Dr. Soetomo General Hospital Surabaya, Universitas Airlangga, Indonesia	Major role in data acquisition

Angga Krishna, MD	Department of Neurology, Faculty of Medicine Udayana University, Sanglah General Hospital Denpasar, Bali, Indonesia	Major role in data acquisition
Abdoreza Ghoreishi, MD	Stroke Research Group, Head of Stroke Care Unit, Department of Neurology, Vali-e-Asr Hospital, School of Medicine, Zanjan University of Medical Sciences, Iran	Major role in data acquisition
Mazyar Hashemilar, MD	Neurosciences Research Center, Razi Hospital, Tabriz University of Medical Sciences	Major role in data acquisition
Elyar Sadeghi- Hokmabadi, MD	Neurosciences Research Center, Imam Reza Hospital, Tabriz University of Medical Sciences, Tabriz, Iran	Major role in data acquisition
Mehdi Farhoudi, MD	Neurosciences Research Center, Imam Reza Hospital, Tabriz University of Medical Sciences, Tabriz, Iran	Major role in data acquisition
Fadi Rahal, MD	Hillel Yaffe Medical Center, Israel	Major role in data acquisition
Tariq Abu Raya, MD	Hillel Yaffe Medical Center, Hadera, Israel	Major role in data acquisition
Shani Avnery Kalmanovich, MD	Neurointernational Unit, Shamir Medical Center, Israel	Major role in data acquisition
Levite Ronen, MD, MHA	Neurointernational Unit, Shamir Medical Center, Israel	Major role in data acquisition
Sergiu Ionut Sabetay, MD	Neurology Department, Hillel Yaffe Medical Center, Hadera, Israel	Major role in data acquisition
Maurizio Acampa, MD, PhD	Stroke Unit, University of Siena, Siena, Italy	Major role in data acquisition
Alessandro Adami, MD	Stroke Center IRCCS Sacro Cuore Don Calabria, Verona, Italy	Major role in data acquisition
Lucio Castellan, MD	IRCCS San Martino Genova, Italy	Major role in data acquisition
Marco Longoni, MD	Neurology and Stroke Unit, Ospedale Bufalini, Cesena, Italy	Major role in data acquisition
Raffaele Ornello, MD, PhD	Neuroscience Section, Department of Biotechnological	Major role in data acquisition

	and Applied Clinical Sciences, University of L'Aquila, Italy	
Leonardo Renieri, MD	Interventional Neurovascular Unit, Careggi University Hospital, Florence, Italy	Major role in data acquisition
Claudia Rolla Bigliani, MD	IRCCS San Martino Genova, Italy	Major role in data acquisition
Michele Romoli, MD, FEBN	IRCCS Istituto delle Scienze Neurologiche di Bologna, Bologna, and Neurology and Stroke Unit, Ospedale Bufalini, Cesena, Italy	Major role in data acquisition
Simona Sacco, MD	Neuroscience Section, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila, Italy	Major role in data acquisition
Andrea Salmaggi, MD	Neurological Department, "Alessandro Manzoni" Hospital, ASST Lecco, Via dell'Eremo 9/11, Lecco, Italy	Major role in data acquisition
Davide Sangalli, MD	Neurological Department, "Alessandro Manzoni" Hospital, ASST Lecco, Via dell'Eremo 9/11, Lecco, Italy	Major role in data acquisition
Andrea Zini, MD	Department of Stroke, Bologna Stroke Center, IRCCS Istituto delle Scienze Neurologiche di Bologna, Neurologia e Rete Stroke Metropolitana, Bologna, Italy	Major role in data acquisition
Kazunori Toyoda, MD	Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center, Japan	Major role in data acquisition
Ryosuke Doijiri, MD	Department of Neurology, Iwate Prefectural Central Hospital, Japan	Major role in data acquisition
Hiroki Fukuda, MD	Department of Neurology, Japanese Red Cross Hospital, Japan	Major role in data acquisition
Toshiyuki Fujinaka, MD	Department of Neurosurgery, National Hospital Organization Osaka National Hospital, Japan	Major role in data acquisition
Hirotochi Imamura, MD	Department of Neurosurgery, Kobe City Medical Center General Hospital	Major role in data acquisition

Takuya Kanamaru, MD	NTT Medical Center Tokyo, Tokyo, Japan	Major role in data acquisition
Naoto Kimura, MD	Department of Neurosurgery, Iwate Prefectural Central Hospital, Japan	Major role in data acquisition
Ryuhei Kono, MD	Department of Neurology, Kin-ikyo Chuo Hospital, Japan	Major role in data acquisition
Manabu Sakaguchi, MD	Department of Neurology, Osaka General Medical Center, Japan	Major role in data acquisition
Kenichiro Sakai, MD	Department of Neurology, The Jikei University School of Medicine, Japan	Major role in data acquisition
Kazutaka Sonoda, MD	Department of Neurology, Saiseikai Fukuoka General Hospital, SFGH, Japan	Major role in data acquisition
Kenichi Todo, MD	Stroke Center, Osaka University Hospital, Japan	Major role in data acquisition
Fumio Miyashita, MD	Department of Neurology, Kagoshima City Hospital, Kagoshima, Japan	Major role in data acquisition
Naoki Tokuda, MD	Department of Neurology, Japanese Red Cross Kyoto Daini Hospital, Japan	Major role in data acquisition
Yuji Matsumaru, MD	Department of Stroke and Cerebrovascular Diseases, University of Tsukuba Hospital, Japan	Major role in data acquisition
Shoji Matsumoto, MD	Comprehensive Strokeology, Fujita Health University School of Medicine, Toyoake, Japan	Major role in data acquisition
Nobuyuki Ohara, MD	Department of Neurology, Kobe City Medical Center General Hospital	Major role in data acquisition
Seigo Shindo, MD	Department of Neurology, Japanese Red Cross Kumamoto Hospital, Japan	Major role in data acquisition
Takehiro Yamada, MD	Department of Neurology and Stroke treatment, Japanese Red Cross Kyoto Daiichi Hospital, Japan	Major role in data acquisition
Hiroshi Yamagami, MD, PhD	Department of Stroke Neurology, National Hospital Organization Osaka National Hospital, Japan	Major role in data acquisition

Yoshiki Yagita, MD	Stroke Medicine, Kawasaki Medical School, Japan	Major role in data acquisition
Nobuaki Yamamoto, MD	Advanced Brain Research, Tokushima University, Japan	Major role in data acquisition
Kyohei Fujita, MD	Department of Endovascular Surgery, Tokyo Medical and Dental University, Tokyo, Japan	Major role in data acquisition
Miyake Kosuke, MD	Shiroyama Hospital, Japan	Major role in data acquisition
Ryoo Yamamoto, MD	Yokohama Brain and Spine Center, Japan	Major role in data acquisition
Takeshi Uwatoko, MD	Cerebrovascular Medicine, Stroke Center, Saga Medical Centre Koseikan, Japan	Major role in data acquisition
Yohei Takenobu, MD	Osaka Red Cross Hospital, Japan	Major role in data acquisition
Takeshi Yoshimoto, MD	National Cerebral and Cardiovascular Center, Japan	Major role in data acquisition
Yukako Yazawa, MD	Department of Stroke Neurology, Kohnan Hospital, Sendai, Japan	Major role in data acquisition
Yuri Sugiura, MD	Toyonaka Municipal Hospital, Japan	Major role in data acquisition
Peter Kuria Waweru, MBChB, MSc	Kenyatta University Teaching, Referral and Research Hospital, Kenya	Major role in data acquisition
Jang-Hyun Baek, MD	Department of Neurology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, South Korea	Major role in data acquisition
Si Baek Lee, MD	Department of Neurology, Uijeongbu St. Mary's Hospital, College of Medicine, The Catholic University of Korea, South Korea	Major role in data acquisition
Kwon-Duk Seo, MD	Department of Neurology, National Health Insurance Service Ilsan Hospital, Goyang, South Korea	Major role in data acquisition
Sung-II Sohn, MD	Department of Neurology, Keimyung University Dongsan Hospital, Keimyung University School of Medicine, Daegu, South Korea	Major role in data acquisition

Anita Ante Arsovska, MD, PhD	Department of Neurology, University Clinic of Neurology, University Ss. Cyril and Methodius-Faculty of Medicine, Skopje, North Macedonia	Major role in data acquisition
Yong Chieh Chan, MD	Hospital Sultan Abdul Halim, Malaysia	Major role in data acquisition
Wan Asyraf Wan Zaidi, Mmed	National University of Malaysia, Malaysia	Major role in data acquisition
Fernando Gongora-Rivera, MD, PhD	Neurovascular Unit and Neurology Department, University Hospital Jose Eleuterio Gonzalez, Universidad Autonoma de Nuevo Leon, Mexico	Major role in data acquisition
Adrian Infante-Valenzuela, MD	Neurovascular Unit and Neurology Department, University Hospital Jose Eleuterio Gonzalez, Universidad Autonoma de Nuevo Leon, Mexico	Major role in data acquisition
Manuel Martinez-Marino, MD, MSc	Department of Neurology, Hospital de especialidades del Centro Médico Nacional Siglo XXI IMSS, Mexico	Major role in data acquisition
Stanislav Groppa, MD, PhD	“Nicolae Testemitanu” State University of Medicine and Pharmacy; Emergency Medicine Institute, Chisinau, Republic of Moldova, Moldova	Major role in data acquisition
Leahu Pavel, PhD	“Nicolae Testemitanu” State University of Medicine and Pharmacy; Emergency Medicine Institute, Chisinau, Republic of Moldova, Moldova	Major role in data acquisition
Diederik Dippel, MD	Erasmus MC, University Medical Center Rotterdam, (1) Department of Neurology, (2) Department of Radiology and Nuclear Medicine	Major role in data acquisition
Dianne H.K. van Dam-Nolen, MD	Erasmus MC, University Medical Center Rotterdam, (1) Department of Neurology, (2) Department of Radiology and Nuclear Medicine	Major role in data acquisition



Jonathan M Coutinho, MD, PhD	Amsterdam University Medical Centers Amsterdam, the Netherlands	Major role in data acquisition
Leon Rinkel, MD	Amsterdam University Medical Centers Amsterdam, Netherlands	Major role in data acquisition
Anna Ranta, MD, PhD	Department of Medicine, University of Otago - Wellington, and Department of Neurology, Wellington Hospital, Wellington, New Zealand	Major role in data acquisition
Teddy Y Wu, MD, PhD	Department of Neurology, Christchurch Hospital, Christchurch, New Zealand	Major role in data acquisition
Taofiki Ajao Sunmonu, MD	Federal Medical Centre, Owo, Ondo, Nigeria	Major role in data acquisition
Tajudeen Temitayo Adebayo, MD	Department of Medical Records, Federal Medical Centre, Owo, Ondo State, Nigeria	Major role in data acquisition
Abiodun H Bello	Neurology Unit, University of Ilorin, Nigeria	Major role in data acquisition
Ernest Okwundu Nwazor, MBBS, FMCP	Department of Medicine, Federal Medical Centre Owerri, Neurology Unit, Federal Medical Centre, Owerri, Imo, Nigeria	Major role in data acquisition
Kolawole Wasiu Wahab, MD	Neurology Unit, University of Ilorin Teaching Hospital, Nigeria	Major role in data acquisition
Antje Sundseth, MD, PhD	Department of Neurology, Akershus University Hospital	Major role in data acquisition
Ole Morten Rønning, MD, PhD	Department of Neurology, Akershus University Hospital, Norway, and Institute of Clinical Medicine, University of Oslo, Oslo, Norway	Major role in data acquisition
Espen Saxhaug Kristoffersen, MD, PhD	Department of Neurology, Akershus University Hospital, University of Oslo, Oslo, Norway and Department of General Practice, University of Oslo, Norway	Major role in data acquisition Critical Revision of manuscript
Else Charlotte Sandset, MD, PhD	Department of Neurology, Oslo, Oslo, Norway and The	Major role in data acquisition

	Norwegian Air Ambulance Foundation, Oslo, Norway	
Amal M Al Hashimi, MD	Central Stroke Unit, Neuroscience Directorate, Khoula Hospital, Ministry of Health, Oman	Major role in data acquisition
Saima Ahmad, MD	Lahore General Hospital, Lahore, Pakistan	Major role in data acquisition
Umair Rashid, MD	Lahore General Hospital, Lahore, Pakistan	Major role in data acquisition
Liliana Rodriguez-Kadota, MD	Departamento de Neurología, Hospital Nacional Edgardo Rebagliati Martins, Essalud, Lima, Peru	Major role in data acquisition
Miguel Ángel Vences, MD	Departamento de Neurología, Hospital Nacional Edgardo Rebagliati Martins, Essalud, Lima, Peru	Major role in data acquisition
Patrick Matic Yalung, MD	St. Luke's Medical Center, Global City	Major role in data acquisition
Jon Stewart Hao Dy, MD	St. Luke's Medical Center, Quezon City	Major role in data acquisition
Maria Carissa Pineda-Franks, MD	St. Luke's Medical Center, Quezon City, Philippines	Major role in data acquisition
Christian Oliver Co, MD	St. Luke's Medical Center, Quezon City, Philippines	Major role in data acquisition
Waldemar Brola, MD, PhD	Department of Neurology, Specialist Hospital Konskie, Collegium Medicum, Jan Kochanowski University, Kielce, Poland	Major role in data acquisition
Aleksander Dębiec, MD	Clinic of Neurology, Military Institute of Medicine, Warsaw, Poland	Major role in data acquisition
Malgorzata Dorobek, MD	Department of Neurology, Central Clinical Hospital of the Ministry of Interior, Warsaw, Poland; Department of Neurology, Central Clinical Hospital of the Ministry of Internal Affairs and Administration, Warsaw, Poland	Major role in data acquisition

Michał Adam Karlinski, MD, PhD	2nd Department of Neurology, Institute of Psychiatry and Neurology, Warsaw, Poland	Major role in data acquisition
Beata M Labuz-Roszak, MD, PhD	Department of Neurology, Institute of Medical Sciences, University of Opole, Opole, Poland	Major role in data acquisition
Anetta Lasek-Bal, MD, PhD	Department of Neurology, Leszek Giec Upper Silesian Medical Centre of the Silesian Medical University in Katowice, School of Health Sciences, Medical University of Silesia in Katowice, Katowice, Poland	Major role in data acquisition
Halina Sienkiewicz-Jarosz, MD	1st Department of Neurology, Institute of Psychiatry and Neurology, Warsaw, Poland	Major role in data acquisition
Jacek Staszewski, MD, PhD	Clinic of Neurology, Military Institute of Medicine, Szasero 128, 04-141 Warsaw, Poland	Major role in data acquisition
Piotr Sobolewski, MD	Department of Neurology in Sandomierz, Collegium Medicum, Jan Kochanowski University in Kielce, Sandomierz, Poland	Major role in data acquisition
Marcin Wiącek, MD	Department of Neurology, Institute of Medical Sciences, Medical College of Rzeszów University, 35-310 Rzeszów, Poland	Major role in data acquisition
Justyna Zielinska-Turek, MD	Department of Neurology, Central Clinical Hospital of the Ministry of Interior; Department of Neurology, Central Clinical Hospital of the Ministry of Internal Affairs and Administration, Warsaw, Poland	Major role in data acquisition
Pedro Castro, MD, PhD	Department of Neurology, Centro Hospitalar Universitário São João, Portugal	Major role in data acquisition
André Pinho Araújo, MD	Neuroradiology Department - Centro Hospitalar de Vila Nova de Gaia/Espinho, Portugal	Major role in data acquisition
Vítor Tedim Cruz, MD, PhD	Stroke Unit - Hospital Pedro Hispano, Matosinhos, Portugal	Major role in data acquisition

Patricia Ferreira, MD	Stroke Unit, Centro Hospitalar Universitário de Lisboa Central, Portugal	Major role in data acquisition
Paulo Venancio Ferreira, MD	Stroke Unit - Hospital Pedro Hispano, Matosinhos, Portugal	Major role in data acquisition
Luísa Fonseca, MD	Stroke Unit, Medicine Department, Centro Hospitalar Universitário São João, Portugal	Major role in data acquisition
João Pedro Marto, MD, MSc	Department of Neurology, Hospital de Egas Moniz, Centro Hospitalar Lisboa Ocidental, Lisbon, Portugal	Major role in data acquisition
Teresa Pinho e Melo, MD	Hospital de Santa Maria - Centro Hospitalar Lisboa Norte, Portugal	Major role in data acquisition
Ana Paiva Nunes, MD	Stroke Unit, Centro Hospitalar Universitário de Lisboa Central, Portugal	Major role in data acquisition
Mariana Rocha, MD	Neurology Department, Centro Hospitalar Vila Nova de Gaia/Espinho, Portugal	Major role in data acquisition
Miguel Rodrigues, MD	Department of Neurology, Hospital Garcia de Orta, Almada, Portugal	Major role in data acquisition
M Luís Silva, MD	Centro Hospitalar Universitário São João, Portugal	Major role in data acquisition
Bogdan Ciopleias	County Emergency Clinic Hospital Brasov	Major role in data acquisition
Adela Dimitriade, MD	Bucarest University Emergency Hospital, Romania	Major role in data acquisition
Cristian Falup- Pecurariu, MD, PhD	Department of Neurology, County Clinic Hospital, Faculty of Medicine, Transilvania University, Brasov, Romania	Major role in data acquisition
May Adel Hamid, MD	Department of Neurology King Fahad Hospital of the University Imam Abdulrahman bin Faisal University Dammam, Saudi Arabia	Major role in data acquisition
Narayanaswamy Venketasubramanian, MD	Raffles Neuroscience Center, Raffles Hospital, Singapore	Major role in data acquisition

Georgi Krastev, MD, PhD	Department of Neurology, Faculty Hospital Trnava, Slovakia	Major role in data acquisition
Miroslav Mako, MD	Department of Neurology, Faculty Hospital Trnava, Jessenius Medical Faculty Martin, Commenius University, Bratislava	Major role in data acquisition
Jozef Haring, MD	Department of Neurology, Faculty Hospital Trnava, Jessenius Medical Faculty Martin, Commenius University	Major role in data acquisition
Oscar Ayo-Martin, MD, PhD	Complejo Hospitalario Universitario de Albacete, Albacete, Spain	Major role in data acquisition
Francisco Hernandez-Fernandez, MD, PhD	Complejo Hospitalario Universitario de Albacete. Albacete, Spain	Major role in data acquisition
Jordi Blasco, MD, PhD	Interventional Neuroradiology, Hospital Clínic de Barcelona, Barcelona, Spain	Major role in data acquisition
Antonio Cruz Culebras, MD	Department of Neurology (Unidad de Ictus), Hospital Universitario Ramón y Cajal, Madrid, Spain	Major role in data acquisition
Francisco Moniche, MD, PhD	Stroke Unit, Neurology Department, Hospital Universitario Virgen del Rocío, Spain	Major role in data acquisition
Joan Montaner, MD, PhD	Department of Neurology, Hospital Universitario Virgen Macarena & Neurovascular Research Laboratory, Instituto de Biomedicina de Sevilla-IbiS, Spain	Major role in data acquisition
Soledad Perez-Sanchez, MD, PhD	Department of Neurology, Hospital Universitario Virgen Macarena & Neurovascular Research Laboratory, Instituto de Biomedicina de Sevilla-IbiS, Spain	Major role in data acquisition
Alejandro Rodriguez-Vazquez, MD, PhD	Comprehensive Stroke Center, Hospital Clínic de Barcelona, Spain	Major role in data acquisition

Marta Guillán Rodríguez, MD	Department of Neurology, Hospital Universitario Rey Juan Carlos, Spain	Major role in data acquisition
María Jesús García Sánchez, MD	Department of Neuroradiology, Hospital Universitario Rey Juan Carlos, Spain	Major role in data acquisition
Katarina Jood, MD, PhD	Institute of Neuroscience and Physiology, Department of Clinical Neuroscience, Sahlgrenska Academy, University of Gothenburg, and Region Västra Götaland, Dept of Neurology, Sahlgrenska University Hospital, Gothenburg, Sweden	Major role in data acquisition
Michael V. Mazya, MD, PhD	Department of Neurology, Karolinska University Hospital & Department of Clinical Neuroscience, Karolinska Institute, Stockholm, Sweden	Major role in data acquisition
Tiago T.P. Moreira, MD, PhD	Karolinska University Hospital & Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden	Major role in data acquisition
Annika Nordanstig, MD, PhD	Institute of Neuroscience and Physiology, Dept of Clinical Neuroscience, Sahlgrenska Academy, University of Gothenburg, and Region Västra Götaland, Dept of Neurology, Sahlgrenska University Hospital, Gothenburg, Sweden	Major role in data acquisition
Manuel Bolognese, MD	Neurocenter, Cantonal Hospital of Lucerne, Lucerne, Switzerland	Major role in data acquisition
Grzegorz Marek Karwacki, MD	Luzerner Kantonsspital, Luzerne, Switzerland	Major role in data acquisition
Gianmarco Bernava, MD	Interventional Neuroradiology, University Hospitals of Geneva, Switzerland	Major role in data acquisition
Morin Beyeler, MD	Department of Neurology, Bern University Hospital, University of Bern, Switzerland	Major role in data acquisition
Tomas Dobrocky, MD	Diagnostic and Interventional Neuroradiology, Bern University	Major role in data acquisition

	Hospital, University of Bern, Switzerland	
Emanuela Keller, MD	University Hospital, University of Zurich, Switzerland	Major role in data acquisition
Paolo Machi, MD, PhD	Interventional Neuroradiology, University Hospitals of Geneva, Switzerland	Major role in data acquisition
Emmanuel Carrera, MD	Department of Neurology, University Hospitals of Geneva, Switzerland	Major role in data acquisition
Patrik Michel, MD	Neurology Service, Department of Clinical Neurosciences, Lausanne University Hospital and University of Lausanne, Lausanne, Switzerland	Major role in data acquisition Critical revision of manuscript
Davide Strambo, MD	Neurology Service, Department of Clinical Neurosciences, Lausanne University Hospital and University of Lausanne, Lausanne, Switzerland	Major role in data acquisition Critical revision of manuscript
Chang Yang Hsieh, MD	Department of Neurology, Tainan Sin Lau Hospital, Tainan City, Taiwan	Major role in data acquisition
Anchalee Churojana, MD	Department of Radiology, Siriraj Hospital, Mahidol University, Thailand	Major role in data acquisition
Surawan Boonyakarnkul, MD	Ramathibodi Hospital, Mahidol University, Thailand	Major role in data acquisition
Ozlem Aykac, MD	Eskisehir Osmangazi University, Turkey	Major role in data acquisition
Atilla Ozcan Ozdemir, MD	Eskisehir Osmangazi University, Turkey	Major role in data acquisition
Arsida Bajrami, MD	Istanbul Aydin University, Florya Medicalpark Stroke Center, Turkey	Major role in data acquisition
Songul Senadim, MD	Istanbul Aydin University, Florya Medicalpark Stroke Center, Turkey	Major role in data acquisition
Syed I Hussain, MD	Cleveland Clinic Abu Dhabi, UAE	Major role in data acquisition
Seby John, MD	Cleveland Clinic Abu Dhabi, UAE	Major role in data acquisition
Kailash Krishnan, PhD	Stroke, Department of Medicine, Nottingham University Hospitals NHS Trust, UK	Major role in data acquisition

Soma Banerjee, MD	Department of Stroke Medicine, Imperial College Healthcare NHS Trust, Charing Cross Hospital, London, UK	Major role in data acquisition
Robert Lenthall, MBBS	Neuroradiology, Queen's Medical Centre; Nottingham University Hospitals NHS Trust, UK	Major role in data acquisition
Ken Wong, MD	Royal London Hospital, Barts Health NHS Trust, London, UK	Major role in data acquisition
Liqun Zhang, MD, PhD	St George's University Hospital, London, UK	Major role in data acquisition
Kaiz S. Asif, MD	Amita Health and University of Illinois-Chicago, Chicago, USA	Major role in data acquisition
Dorothea Altschul, MD	Valley Hospital Health System, Neurosurgeons of NJ, New Jersey, USA	Major role in data acquisition
Zeelalem Bahiru, NP	Inova Fairfax Hospital, Virginia, USA	Major role in data acquisition
Kristine Below, BS	Neuroscience and Stroke Program, Bon Secours Mercy Health St Vincent Hospital, Toledo, USA	Major role in data acquisition
Jose Biller, MD	Loyola University Chicago Stritch School of Medicine, Illinois, USA	Major role in data acquisition
Saqib A. Chaudhry, MD	Inova Fairfax Hospital, University of Virginia School of Medicine, Virginia, USA	Major role in data acquisition
Michael Chen, MD	Rush University, Illinois, USA	Major role in data acquisition
Alex Chebl, MD	Neurology, Henry Ford Health System, Detroit, Michigan, USA	Major role in data acquisition
Judith Clark, RN	Neurology, Boston Medical Center, Boston, USA	Major role in data acquisition
Jackie Cibulka, RN	Clinical Data Specialist, EBC Data Abstraction, University of Tennessee Health Science Center, Tennessee, USA	Major role in data acquisition
Leon Cistrunk	Solution Architect II, Clinical Decision Support, University of Tennessee Health Science Center, Tennessee, USA	Major role in data acquisition
Marco Colasurdo, MD	Department of Radiology, University of Texas Medical Branch, Galveston, Texas, USA	Major role in data acquisition



Alexandra Czap, MD	Neurology, McGovern Medical School at the University of Texas Health Science Center, Houston, Texas, USA	Major role in data acquisition
Adam H. de Havenon, MD	University of Utah, Utah, USA	Major role in data acquisition
Salvatore D'Amato, MD	Brigham & Women's Hospital, Boston, Massachusetts, USA	Major role in data acquisition
Adam A. Dmytriw, MD, MPH, MSc	Radiology, Brigham & Women's Hospital, Boston, Massachusetts, USA	Major role in data acquisition
Mark Etherton, MD, PhD	Department of Neurology, Massachusetts General Hospital, Boston, Massachusetts, USA	Major role in data acquisition
Steven K. Feske, MD	Department of Neurology, Boston Medical Center, Boston, Massachusetts, USA	Major role in data acquisition
Chizoba Ezepue, MD	Department of Interventional and Vascular Neurology, Neuroscience Center, SSM Health DePaul Hospital, St. Louis, Missouri, USA	Major role in data acquisition
Mudassir Farooqui, MD, MPH	University of Iowa, Iowa, USA	Major role in data acquisition
Ulviyya Gasimova, MD	Department of Neurology, Saint Louis University School of Medicine, Missouri, USA	Major role in data acquisition
Kasey B Grimmett, RN, BSN	Baptist Health Medical Center - Little Rock, Little Rock, Arkansas, USA	Major role in data acquisition
Amy K Guzik, MD	Department of Neurology, Wake Forest Baptist Medical Center, NC, USA	Major role in data acquisition
Maryam Hakemim, MD	Wayne State University, Detroit, MI, Detroit, Michigan, USA	Major role in data acquisition
Peter T. Kan, MD, MPH	Department of Neurosurgery, University of Texas Medical Branch, USA	Major role in data acquisition
Muhib A. Khan, MD	Department of Neurosciences and Comprehensive Stroke Center, Spectrum Health and Michigan State University	Major role in data acquisition

	College of Human Medicine, Michigan, USA	
Dinesh Jillella, MD	Department of Neurology, Grady Memorial Hospital, Emory University School of Medicine, USA	Major role in data acquisition
Peter T. Kan, MD, MPH	Department of Neurosurgery, University of Texas Medical Branch, USA	Major role in data acquisition
Rakesh Khatri, MD	Department of Neurology, Texas Tech University Health Science Center, El Paso, Texas	Major role in data acquisition
Ayaz M Khawaja, MD	Wayne State University, Detroit, MI, Detroit, Michigan, USA	Major role in data acquisition
Benny S. Kim, MD	Virginia Hospital Center, Virginia, USA	Major role in data acquisition
Nicole Kiley, PA	Radiology, Boston Medical Center, Boston, Massachusetts, USA	Major role in data acquisition
Anna Luisa Kuhn, MD, PhD	Division of Neurointerventional Radiology, Department of Radiology, University of Massachusetts Medical Center, Worcester, Massachusetts, USA	Major role in data acquisition
Guillermo Linares, MD	Vascular and Neurointerventional Services, Saint Louis University, Missouri, USA	Major role in data acquisition
Timothy G. Lukovits, MD	Dartmouth Hitchcock Medical Center, Lebanon, New Hampshire, USA	Major role in data acquisition
Sarah Lycan, NP	Department of Neurology, Wake Forest Baptist Medical Center, NC, USA	Major role in data acquisition
Shailesh S. Male, MD	Department of Neurology & Neurosurgery, Vidant Medical Center, Greenville, North Carolina, USA	Major role in data acquisition
John Manchin, DO	West Virginia University, West Virginia, USA	Major role in data acquisition
Andre Monteiro, MD	Department of Neurosurgery, University of Buffalo, USA	Major role in data acquisition
Ghada A. Mohamed, MD	Department of Neurology, Henry Ford Health System, Detroit, Michigan, USA,	Major role in data acquisition

	Department of Neurology, Emory University, Georgia, USA	
Ajit S. Puri, MD	Division of Neurointerventional Radiology, Department of Radiology, University of Massachusetts Medical Center, Worcester, Massachusetts, USA	Major role in data acquisition
Yazan Radaideh, MD	Rush University, Illinois, USA	Major role in data acquisition
Rahul H. Rahangdale, MD	Ascension St Johns Medical Center, Tulsa, Oklahoma, USA	Major role in data acquisition
Ansaar Rai, MD	West Virginia University, West Virginia, USA	Major role in data acquisition
Pankajavalli Ramakrishnan, MD, PhD	Riverside Newport Virginia, USA	Major role in data acquisition
Jose Rafael Romero, MD	Department of Neurology, Boston Medical Center, Boston, Massachusetts, USA	Major role in data acquisition
Natalia Rost, MD	Department of Neurology, Massachusetts General Hospital, Boston, MA, USA	Major role in data acquisition
Aaron Rothstein, MD	Department of Neurology, Hospital of the University of Pennsylvania, Philadelphia	Major role in data acquisition
Sunil A. Sheth, MD	Neurology, McGovern Medical School at the University of Texas Health Science Center, Houston, Texas, USA	Major role in data acquisition
Adnan H. Siddiqui, MD, PhD	Department of Neurosurgery, Buffalo General Hospital, Gates Vascular Institute, USA	Major role in data acquisition
Michael J. Wang, MD	UNC School of Medicine, North Carolina, USA	Major role in data acquisition
Jared Wolfe, BA	Cooper Medical School of Rowan University, USA	Major role in data acquisition
Ka-Ho Wong, MD	University of Utah, USA	Major role in data acquisition
Clifford J. Eskey, MD	Dartmouth Hitchcock Medical Center	Major role in data acquisition
Majesta Hovingh, MS	Department of Neurosciences and Comprehensive Stroke Center, Spectrum Health and Michigan State University College of Human Medicine, Michigan, USA	Major role in data acquisition

Jiangyong Min, MD, PhD	Department of Neurosciences and Comprehensive Stroke Center, Spectrum Health and Michigan State University College of Human Medicine	Major role in data acquisition
Naim N. Khoury, MD	HSHS St. John's Hospital (N.N.K.), Southern Illinois University School of Medicine, Springfield, USA	Major role in data acquisition
Murali Kolikonda, MD	Baptist Health Medical Group, Baptist Health Lexington, Lexington, Kentucky, USA	Major role in data acquisition
Stephanie Lara, RN, MS-HCA, SCRNI	Community Memorial Hospital, Ventura, California, USA	Major role in data acquisition
Nicholas E. Tarlov, MD	Community Memorial Hospital, Ventura, California, USA	Major role in data acquisition
Grace Li	University of Florida	Major role in data acquisition
Italo Linfante, MD	Miami Cardiac & Vascular Institute, Miami Neuroscience Institute, Miami, Florida, USA	Major role in data acquisition
Hesham E Masoud, MD	Department of Neurology, SUNY Upstate, New York, USA)	Major role in data acquisition
Aravind B. Reddy, MD	SUNY Upstate, New York, USA	Major role in data acquisition
Carlos D. Lopez, MD	SUNY Upstate	Major role in data acquisition
Neil C. Suryadevara, MD	SUNY Upstate	Major role in data acquisition
Laith Maali, MD	Department of Neurology, University of Kansas Medical Center, USA	Major role in data acquisition
Fadi Nahab, MD	Department of Neurology and Pediatrics, Emory University, Georgia, USA	Major role in data acquisition
Krishna Nalleballe, MD	Department of Neurology, University of Arkansas for Medical Sciences (UAMS), Arkansas, USA	Major role in data acquisition
Santiago Ortega-Gutierrez, MD, MSc	University of Iowa, Iowa, USA	Major role in data acquisition
Bliss Rayo-Taranto, BSN, RN	Santa Barbara Cottage Hospital, California, USA	Major role in data acquisition

Robert A. Taylor, MD	Santa Barbara Cottage Hospital, California, USA	Major role in data acquisition
Lauren Fink, BSN, RN	Santa Barbara Cottage Hospital, California, USA	Major role in data acquisition
Diana M. Rojas-Soto, MD	Dartmouth Hitchcock Medical Center, Lebanon, New Hampshire, USA	Major role in data acquisition
Sean Ruland, DO	Loyola University Chicago Stritch School of Medicine, Illinois, USA	Major role in data acquisition
Setareh Salehi Omran, MD	University of Colorado School of Medicine, Aurora, Colorado, USA	Major role in data acquisition
Alexis Simpkins, MD	University of Florida	Major role in data acquisition
Amy K. Starosciak, PhD	Miami Cardiac & Vascular Institute, Miami, USA	Major role in data acquisition
Barbara Voetsch, MD, PhD	Lahey Health	Major role in data acquisition
Hai Quang Dong	Da Nang Hospital, Vietnam	Major role in data acquisition
Thong Nhu Pham, MD	Da Nang Hospital, Da Nang, Vietnam	Major role in data acquisition
Trung Thanh Nguyen, MD	Da Nang Hospital, Da Nang, Vietnam	Major role in data acquisition
Huynh Vu Le, MD	Hue Central, Vietnam	Major role in data acquisition
Quy Viet Nguyen, MD	Hue Central, Vietnam	Major role in data acquisition
Anh Duc Tran	Hue Central	Major role in data acquisition
Mai Duy Ton, MD	Bach Mai Hospital, Hanoi, Vietnam	Major role in data acquisition
Patrik Michel, MD	Neurology Service, Department of Clinical Neurosciences, Lausanne University Hospital and University of Lausanne, Lausanne, Switzerland	Major role in data acquisition
Urs Fischer, MD, MSc	Department of Neurology, Bern University Hospital, University of Bern, Department of Neurology, Basel University Hospital, University of Basel, Switzerland	Major role in data acquisition

João Pedro Marto, MD, MSc	Department of Neurology, Hospital de Egas Moniz, Centro Hospitalar Lisboa Ocidental, Lisbon, Portugal	Major role in data acquisition
Osama O. Zaidat, MD, MS	Neuroscience and Stroke Program, Bon Secours Mercy Health St Vincent Hospital, Toledo, Ohio	Major role in data acquisition
Sheila Martins, MD, PhD	Department of Neurology, Federal University of Rio Grande do Sul, Porto Alegre; Hospital de Clínicas de Porto Alegre, Brazil	Major role in data acquisition, Led centers in Latin America to participate
Raul G. Nogueira, MD	Department of Neurology, University of Pittsburgh Medical Center, Pittsburgh, PA	Conception and design of study Sought study funding Critical revision of manuscript