



California State Stroke Summit

June 8, 2021

8 AM – 12:30 PM

Free Virtual Event

Online Registration link:

ca-stroke-summit-2021.eventbrite.com

Attendees Earn 3.25 Hours of CE/CME Credits

KEY TOPICS

- ✓ Stroke Systems of Care
- ✓ Updates in Stroke Management
- ✓ The Future in Stroke Management

Presented in Collaboration with
American Heart Association



Farid Nasr, MD

California State Specialty Care Systems

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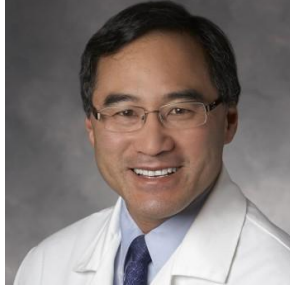

Schedule of Events

Time	Title	Speaker/Moderator
8:00 AM - 8:15 AM	Welcome	Dave Duncan, MD
8:15 AM - 9:15 AM	Systems of Care	
	Stroke Routing in EMS Systems	Nichole Bosson, MD, MPH
	Stroke System Optimization	Lee Schwamm, MD
	Transitioning from PSC to CSC: What You Need to Know	Lindsay Olson-Mack, FNP-BC
	Expediting Stroke Transfers	Jeff Klingman, MD
	Panel Discussion	Moderator: Reza Vaezazizi, MD
9:15AM - 9:25AM	Break	
9:25AM - 10:25AM	Updates in Stroke Management	
	Indications for Endovascular Therapy	Raul Nogueira, MD
	Emerging Technologies in Stroke Management	Jeffrey Saver, MD
	Impact of COVID-19 on Stroke Management	Vivek Rao, MD
	From Alteplase to Tenecteplase	Mai Nguyen-Huynh, MD, MAS
	Panel Discussion	Moderator: Reza Vaezazizi, MD
10:25AM - 10:35AM	Break	
10:35AM - 11:35AM	The Future in Stroke Management	
	Mobile Stroke Units: Their Role in Stroke Systems	May Nour, MD, PhD
	Role of Telemedicine	Andrew Southerland, MD
	The Future of Pediatric Stroke Management	Christine Fox, MD, MAS Sarah Lee, MD
	Driving System Change with Quality Improvement	Peter Panagos, MD
	Panel Discussion	Moderator: Reza Vaezazizi, MD
11:35 AM - 11:50AM	"State of the State" for Stroke	Dave Duncan, MD
11:50 AM - 12:15 PM	EMSA Q&A	EMSA




Faculty & Planning Committee Member Biographies

<p>Andrew Southerland MD, MSc</p> <p>Associate Professor of Neurology and Public Health Sciences Associate Director, Adult Residency Program Executive Vice Chair, Department of Neurology</p> <p>Faculty Speaker</p>	<p>Dr. Andrew Southerland is an associate professor in the division of vascular neurology, departments of neurology and public health sciences at the University of Virginia Health. Dr. Southerland received his M.D. from the Brody School of Medicine at East Carolina University. He then completed his neurology residency at the University of Virginia, and served as chief resident. Dr. Southerland completed a Master of Science degree in clinical research with UVA's department during his fellowship.</p> <p>Dr. Southerland is the past recipient of an early career award from the American Heart Association/American Stroke Association (AHA/ASA) National Clinical Research Program, and currently serves on the AHA/ASA Telestroke Committee and the American Academy of Neurology Education Committee. Dr. Southerland also participated on the writing committee for the 2018 AHA/ASA Updated Guideline on the Management of Acute Ischemic Stroke. His primary research interests focus on innovative methods of prehospital stroke care, novel applications of telemedicine and telestroke, and gene by environment associations in non-atherosclerotic vasculopathies, such as cervical artery dissection and fibromuscular dysplasia. Currently, He serves as the executive vice-chair in the UVA department of neurology.</p>	
<p>Cathy Graham RN, MSN, MBA</p> <p>STEMI Program Manager, Kaiser Permanente Vallejo</p> <p>Planning Committee Member</p>	<p>Ms. Cathy Graham is currently the STEMI Manager at Kaiser Permanente in Vallejo, CA. She started in the cath lab at University Health Network – Toronto General – Toronto, Ontario Canada as a staff and in charge RN. She then immigrated to Arizona as a staff RN in the cath lab – eventually become the manager. Then, Ms. Graham moved to Vallejo, CA to started and manage the cath lab at Kaiser. With her leadership, Kaiser Vallejo became a STEMI center in 2012 and it was the first non-surgical site to be licensed as an elective PCI site in the state. Additionally, Ms. Graham has presented at Euro PCR, CCS, & SCIA.</p>	
<p>Christine Fox MD, MAS</p> <p>Associate Professor, Neurology, University of California, San Francisco</p> <p>Faculty Speaker</p>	<p>Dr. Christine Fox is the Associate Professor of Neurology and Pediatrics at the University of California San Francisco (UCSF). She is dual boarded-certified in Vascular Neurology and Child Neurology, with Master's degree training in clinical research. She directs the Pediatric Stroke and Cerebrovascular Disease Clinic at Benioff Children's Hospital, San Francisco. Her clinical research studies focus on outcomes after pediatric ischemic and hemorrhagic stroke, and have been supported by the United States National Institutes of Health, the American Heart Association and the Pediatric Epilepsy Research Foundation. She co-chairs the Pediatric Stroke Readiness Group for the International Pediatric Stroke Organization and serves on the Executive and Publications Committees of the International Pediatric Stroke Study consortium.</p>	



Faculty & Planning Committee Member Biographies

<p>Dave Duncan, MD</p> <p>Emergency Medical Services Authority Director</p>	<p>Dr. David R. Duncan Jr., 58, of Penryn, has been appointed director of the Emergency Medical Services Authority. Duncan has been medical director and executive medical officer at Air Medical Group Holdings and REACH Air Medical Services since 2008. He served as medical director at the California Department of Forestry and Fire Protection from 2010 to 2019. Duncan has served as a staff emergency physician at the Veterans Administration Hospital, Mather since 2016. He was a staff emergency physician at Sierra Nevada Memorial Hospital from 1995 to 2015, at Mercy San Juan Hospital from 1996 to 1999 and at the University of California, Davis Medical Center from 1994 to 1996. He is a member of the Society of Academic Emergency Medicine, American College of Emergency Physicians and American Medical Association. He earned a Doctor of Medicine degree from the University of California, San Diego School of Medicine and completed emergency medicine training at the University of California, Davis Medical Center</p>	
<p>David Lee, MD</p> <p>Professor of Medicine and Director, Cardiac Catheterization and Intervention Laboratories, Stanford University</p> <p>Planning Committee Member</p>	<p>Dr. David Lee is Professor of Medicine and Director, Cardiac Catheterization, and Intervention Laboratories at Stanford University. Having more than 30 years of diverse experiences, especially in Cardiovascular Disease and Internal Medicine, Dr. Lee is the principal investigator to several clinical research trials and has authored several publications. Dr. Lee is also a current member to the California State STEMI and Stroke Technical Advisory Committee and the Past President for the American Heart Association Western States Affiliate.</p>	
<p>Farid Nasr, MD</p> <p>Specialty Care Systems, Emergency Medical Services Authority</p> <p>Planning Committee Member</p>	<p>Dr. Farid Nasr completed and obtained his Medical Diploma in Iran and practiced as a General Physician and Medical Director for a university campus for six years. He then moved to Germany for Post Doctorate Laboratory Research; He established a protocol for a study in Diabetes Type II patients at the Heinrich Heine University, German Diabetes Research Institute, in Düsseldorf, Germany. After moving to California, Dr. Nasr certified his medical diploma by passing the United States Medical Licensing Examinations (USMLEs) and continued his clinical research and publications at the University of California Davis. For more than a decade, Dr. Nasr has worked for the State of California and provides exemplary operational leadership for various healthcare-related programs.</p>	



Faculty & Planning Committee Member Biographies

<p>James Duren, BS</p> <p>Director, San Francisco County EMS Agency</p> <p>Planning Committee Member</p>	<p>Mr. Jim Duren has over 35 years of experience in EMS. In King County, he served as a paramedic, firefighter, safety officer, infection control officer, training officer, Medical Services Officer, and Chief of EMS. As the Professional Standards Manager for King County EMS, Mr. Duren oversaw training, education, regulatory and compliance certification and recertification for all prehospital care providers in the county, the EMS online CE program director, for Basic Life Support (BLS) QA and cardiac case review. Currently the EMS Director for the City and County of San Francisco Mr Duren is a certified instructor for American Heart Association, BLS, Advanced Cardiac Life Support, and Pediatric Advanced Life Support, and an expert in cardiac resuscitation and high-performance CPR. He speaks at regional and national conferences and works on State and regional system of care projects for JDUREN Consulting.</p>	
<p>Jeffrey Klingman, MD</p> <p>Professor of Neurology, Chair of Department of Neurology, Kaiser Permanente Northern California</p> <p>Faculty Speaker</p>	<p>Dr. Jeffrey Klingman serves as Chair of Neurology at Kaiser Permanente. He also serves on several and is a member of various professional organizations and committees, including the New Technology Committee of The Permanente Medical Group, California Technology Forum, Movement Disorder Society, California Neurological Association, and American Stroke Association. He is also a Trustee of the California Medical Association, and Past President of the Alameda Contra Costa Medical Association. Dr. Klingman received his medical degree from Baylor College of Medicine in Houston, Texas, and he completed both his internship and residency at the Los Angeles County University of Southern California Medical Center. Dr. Klingman has coauthored numerous articles, including evidence-based guidelines, primarily related to stroke care.</p>	
<p>Jeffrey Saver MD, FAHA, FAAN, FANA</p> <p>Professor and SA Vice Chair for Clinical Research Carol and James Collins Chair Department of Neurology Director, UCLA Comprehensive Stroke and Vascular Neurology Program David Geffen School of Medicine at UCLA</p> <p>Faculty Speaker</p> <p>Planning Committee Member</p>	<p>Dr. Jeffrey Saver is SA Vice-Chair and Professor of Neurology at UCLA, and Director of the UCLA Comprehensive Stroke and Vascular Neurology Program. He trained at Harvard Medical School, the Harvard-Longwood Neurology Training Program (neurology), the University of Iowa (neurobehavior), and Brown (vascular neurology). Author of over 650 research articles, 2 books, and 40 book chapters, Dr. Saver's research interests are in acute stroke treatment, stroke prevention, neuroimaging, clinical trial design, and neurocognitive consequences of stroke. He served as PI of the NIH-NINDS FAST-MAG trial, Global Co-PI of the SWIFT PRIME trial, and Chair of the American Heart Association Stroke Council. He is currently Associate Editor at JAMA, the Journal of the American Medical Association, and Editorial Board Member at the journal Circulation. Dr. Saver has been identified as being among the World's Highest Impact (Top 0.01%) Scientists (per the Stanford METRICS group) and is a recipient of the Feinberg Award from the American Stroke Association, the Distinguished Scientist Award from the American Heart Association, and the Lifetime Research Award from the World Stroke Organization.</p>	



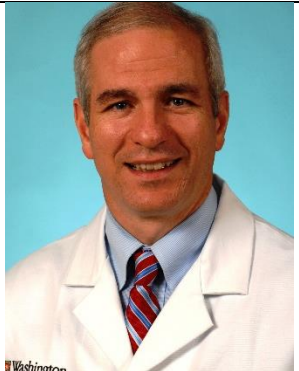
Faculty & Planning Committee Member Biographies

<p>Lee Schwamm MD, FAHA, FANA</p> <p>Professor of Neurology Harvard Medical School</p> <p>Faculty Speaker</p>	<p>Dr. Lee Schwamm is Professor of Neurology at Harvard Medical School, and Vice President of Virtual Care for Mass General Brigham Health System, a 16-member integrated healthcare delivery organization. He serves as the Senior Clinical and Strategic Advisor to the Dept of Neurology at the Massachusetts General Hospital, where he is the Director of the MGH Center for TeleHealth. An internationally recognized leader in telehealth and vascular neurology, Dr. Schwamm is best known for his 20-plus years of pioneering work in the research, development, and dissemination of telemedicine-enabled stroke care (telestroke), as well as his leadership of the American Heart Association’s Get with the Guidelines® Stroke program, which monitors and improves stroke care at over 3000 US hospitals to date by analyzing over six million stroke admissions. He serves on the Board of Directors of the American Heart Association and is a member of many American Heart Association committees related to stroke prevention and Stroke Center Certification and has served as an expert consultant to the Massachusetts Department of Public Health, the Centers for Disease Control Paul Coverdell National Acute Stroke Registry, the Joint Commission, and the International Consortium for Health Outcomes Measurement. Dr. Schwamm is the author of over 450 peer-reviewed articles, serves on the editorial board of Stroke and the International Advisory Board of The Lancet Digital Health, and has chaired many of the current practice guidelines for telehealth-enabled stroke care delivery. He is the recipient of numerous awards for innovation, leadership and stroke advocacy and has an active federally funded research portfolio. His research has been funded by NIH, PCORI, AHRQ, HRSA, CDC, and others.</p>	
<p>Lindsay Olson-Mack FNP-BC</p> <p>Stroke Program Coordinator, Scripps Mercy San Diego Chair, San Diego County Stroke Consortium</p> <p>Faculty Speaker</p>	<p>Ms. Lindsay Olson-Mack is a neurology nurse practitioner and stroke program coordinator at Scripps Health in San Diego, CA. Ms. Olson-Mack has been an advocate for stroke care and patient outcomes for over a decade, spearheading multiple interdisciplinary efforts that span across departments and hospitals. She worked with EMS in San Diego county to facilitate early staging of critical care transport to primary stroke receiving centers for prompt transfer to comprehensive stroke centers for large vessel occlusion strokes.</p> <p>As chair of the San Diego County Stroke consortium, Ms. Olson-Mack takes pride in uniting all the stroke receiving centers in San Diego County to strive toward common goals aimed at providing current evidence-based care that supports favorable patient outcomes.</p> <p>Ms. Olson-Mack is passionate about educating and empowering the community to understand and control their stroke risk factors and coordinated a mass education effort highlighting the importance of seeking emergency care for stroke during COVID.</p>	



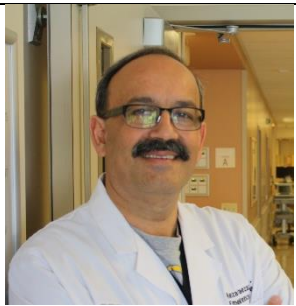
Faculty & Planning Committee Member Biographies

<p>Lorraine Chmielewski, RN</p> <p>Specialty Care Coordinator, San Diego County EMS Agency</p> <p>Planning Committee Member</p>	<p>Ms. Lorraine Chmielewski has been working as a Quality Assurance Specialist with the County of San Diego, Emergency Medical Services since February of 2018. She is the current STEMI and Stroke coordinator for the County as well as an active EMS Duty Officer. Prior to this role, she worked as a Quality Assurance Specialist with the County of San Diego, Public Health Preparedness and Response Branch where she coordinated volunteer management, exercise planning and training, and medical operations center activities.</p> <p>Ms. Chmielewski was born and raised in Massachusetts and graduated from Providence College with a bachelor’s degree in Health Policy and Management with a certification in Business Administration. She also received her Bachelor of Science degree in Nursing from Massachusetts General Institute of Health Professions. Ms. Chmielewski has been a registered nurse for the past 10 years working in the specialty areas of emergency care, oncology, and surgery. Ms. Chmielewski has been residing in San Diego County since 2013.</p>	
<p>Mai Nguyen-Huynh MD, MAS, FAHA</p> <p>Chief of Neurology, Diablo Service Area The Permanente Medical Group Regional Medical Director, Primary Stroke Research Scientist II, Division of Research Kaiser Permanente Medical Center, Diablo Service Area Faculty Speaker</p>	<p>Dr. Mai N. Nguyen-Huynh is a fellowship-trained Vascular Neurologist with a Master’s in Clinical Research from UCSF. She was previously the Director of UCSF Stroke Center and Stroke Fellowship. She joined The Permanente Medical Group at Kaiser Permanente Northern California in 2011. She is currently the Chief of Neurology for Kaiser Permanente Diablo Service Area, the Regional Medical Director for Primary Stroke, and a research scientist at Kaiser Permanente Division of Research. Dr. Nguyen-Huynh is a member of the Leadership committee of the AHA Stroke Council. She is also an Assistant Editor for the Stroke journal. She served as the past Chair of Minority Affairs sub-committee of the AHA Stroke Council and a past member of the Board of Directors for the AHA Greater Bay Area Chapter. Her research interests include acute management of stroke and TIA, large artery atherosclerosis, hypertension, and stroke disparities. She is particularly interested in the implementation of evidence-based guidelines into clinical practice. She has been the PI of clinical trials, authored many publications including stroke guidelines, and given many invited presentations on these topics nationally and internationally. Dr. Nguyen-Huynh has received grants from The Permanente Medical Group, American Heart Association as well as the National Institute of Neurological Disorders and Stroke.</p>	



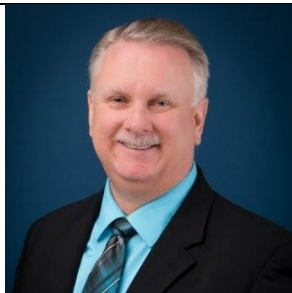

Faculty & Planning Committee Member Biographies

<p>May Nour MD, PhD</p> <p>Assistant Clinical Professor of Neurology & Radiology Medical Director, UCLA Mobiel Stroke Rescue Program UCLA Comprehensive Stroke Center Division of Interventional Neuroradiology Faculty Speaker</p>	<p>Dr. May Nour is dually trained in Vascular Neurology and Endovascular/Interventional Neuroradiology. She received her Ph.D. in neurosciences, focusing on gene therapy for inherited retinal degeneration, from the University of Oklahoma Health Sciences Center. Following her postdoctoral fellowship, she began her medical studies, earning her M.D. degree from the University of Arizona. Dr. Nour continued her neurology and subspecialty training in the medical and minimally invasive surgical/endovascular treatment of neurovascular disease at the University of California, Los Angeles. She is the site Principal Investigator (PI) of the federally funded, Patient-Centered Outcomes Research Institute demonstration project, assessing the clinical benefit and health care utilization of mobile stroke units for the treatment of ischemic and hemorrhagic diseases of the brain. She is also the site Principal Investigator of the NIH-funded FASTEST trial assessing the efficacy of recombinant factor VIIa for hemorrhagic stroke both in the mobile stroke unit as well as in the emergency department setting. Her research interests are focused on allocation of specialized resources, such as mobile stroke units, in the prehospital setting and improving patient routing to appropriate levels of stroke care.</p>	
<p>Nichole Bosson MD, MPH, FAEMS</p> <p>Assistant Medical Director, Los Angeles County EMS Agency Faculty Speaker Planning Committee Member</p>	<p>Dr. Nichole Bosson is the Assistant Medical Director at the Los Angeles County EMS Agency. She is an Assistant Clinical Professor at David Geffen School of Medicine at UCLA and faculty and EMS fellowship director in the Department of Emergency Medicine at Harbor-UCLA. She is board certified in EMS Medicine and is actively involved in EMS research, education, and policy development. Her research is focused on regional systems of care for time-critical emergencies including stroke, STEMI, out-of-hospital cardiac arrest and trauma.</p>	
<p>Peter Panagos MD, FACEP, FAHA</p> <p>Co-Director, Stroke and Cerebrovascular Stroke Center Professor of Emergency Medicine and Neurology Washington University School of Medicine Faculty Speaker</p>	<p>Dr. Peter Panagos is a 1987 graduate of Dartmouth College. In 1994, he completed his medical education at Emory University. Following a year of surgical training at Naval Medical Center San Diego, he graduated and received his wings as a Naval Flight Surgeon in Pensacola, Florida. From 1996-1999, he was stationed in Okinawa, Japan from with the 3rd Marine Aircraft Wing. In 2002, he completed a residency in Emergency Medicine at the University of Cincinnati and subsequently completed a Neurovascular Emergencies/Stroke Fellowship at the same institution in 2003. From 2003-2009, he worked at Brown University in Providence, RI where he served as Co-Director of both the Rhode Island Hospital and Miriam Hospital Stroke Centers. At Washington University, he has served as PI for multiple NIH and Industry funded clinical trials including current NINDS StrokeNet. He is the Director of Neurovascular Emergencies in the Division of Emergency Medicine and Co-Director of the Barnes-Jewish Hospital/Washington University Stroke Network. He has severed as AHA Co-Chair of Mission: Lifeline Stroke, AHA Chair, Emergency Neurovascular Care Committee (ENCC) and is the current Chair of the ASA Stroke Council Leadership Committee. He is Associate Editor of Academic Emergency Medicine and an Emergency Medicine Oral Board Examiner.</p>	

Faculty & Planning Committee Member Biographies

<p>Raul Nogueira, MD</p> <p>Professor of Neurology, Director of Neuroendovascular Service and Neurocritical Care Service Marcus Stroke & Neuroscience Center, Grady Memorial Hospital</p> <p>Faculty Speaker</p>	<p>Dr. Raul Nogueira completed his neurology training at the Partners Neurology Program/ Harvard Medical School (HMS). He subsequently pursued fellowships Neurocritical Care, Stroke and Neuroendovascular at Massachusetts General Hospital where he was then a faculty for five years. He is currently a Professor of Neurology at the Emory University School of Medicine and has been the Director of the Neuroendovascular Service at the Marcus Stroke & Neuroscience Center/ Grady Memorial Hospital since its inception ten years ago. He is a Past President from the Society of Vascular and Interventional Neurology (SVIN) and the former Editor-In-Chief of the Interventional Neurology journal. He has published over 350 peer-reviewed manuscripts in the field of cerebrovascular diseases and has had a leadership role in many stroke thrombectomy studies including a Global Principal Investigator in the TREVO-2 Trial, Penumbra 3D Separator Trial, DAWN Trial, BEST Trial, RESILIENT Trial, ENDOLOW Trial, PROST Trial, WE-TRUST trial, Imperative Trial, ENVI RCT, RESILIENT-Extend trial and EXCELLENT Registry as well as Steering Committee of the SWIFT Trial, SWIFT Prime Trial, ARISE-II Trial, DEVT Trial, Trevo Registry and BASILAR Registry.</p>	
<p>Rea Anne Arcangel BSN, MBA</p> <p>Regional Director Healthcare QI Business Development, American Heart Association</p> <p>Planning Committee Member</p>	<p>Ms. Rea Anne Arcangel started with the American Heart Association/ American Stroke Association (AHA/ ASA) in 2006. She directs systemwide quality improvement initiatives and leads a successful team in statewide and multistate projects with National Health Systems and State Government. A seasoned leader with in-depth industry and organizational expertise, she is passionate about leveraging systematic quality improvement, analytics, and health information technology, including the intersection of public health and population health. Through her collaborative approach she has worked to improve patient outcomes in high risk and diverse communities nationwide.</p>	
<p>Reza Vaezazizi, MD</p> <p>Emergency Medicine Specialist in Murrieta, CA.</p> <p>Panel Discussion Moderator</p>	<p>Dr. Reza Vaezazizi grew up in Southern California and graduated from UCLA with a degree in Kinesiology. His motivation to become a physician stemmed from 10 years as a licensed paramedic responding to 911 calls. He earned his medical degree in 1997 from Rosalind Franklin University in Chicago and went on to complete his residency in Emergency medicine at Loma Linda University Medical Center in 2000.</p> <p>Dr. Vaezazizi has over 20 years of clinical experience in emergency medicine, with a special interest in Emergency Medical Services (EMS). He is now a regional medical director for a large medical group in Southern California, overseeing emergency department operations at multiple hospitals. Additionally, he continues to maintain his passion for EMS. He is currently the medical director for two local EMS agencies in California, managing EMS operations in San Bernardino, Riverside, Inyo, and Mono Counties.</p> <p>Dr. Vaezazizi holds a private pilot's license with an instrument rating and enjoys flying his Cirrus SR22 aircraft for work and pleasure. He would like to point out that Cirrus is the only aircraft that comes standard with a whole plane parachute system as a safety feature.</p>	

Faculty & Planning Committee Member Biographies

<p>Rose Colangelo RN, MSN</p> <p>Director of Emergency Services, Sutter Health</p> <p>Planning Committee Member</p>	<p>Ms. Rose Colangelo, RN, MSN, CEN is a Director of Emergency Services at Sutter Roseville Medical Center. Ms. Colangelo, a registered nurse since 2004 graduated with her master’s in nursing from Point Loma Nazarene in 2015. She is a member of the ACNL Safety, Engagement, and Quality Committee and co-chair of the California Hospital Association EMS/Trauma Committee.</p>	
<p>Sarah Lee, MD</p> <p>Clinical Assistant Professor, Neurology and Neurological Sciences, Stanford University</p> <p>Faculty Speaker</p>	<p>Dr. Sarah Lee is a Clinical Assistant Professor of Neurology at Stanford University Medical Center and serves as director of the Pediatric Stroke Program at Lucile Packard Children’s Hospital and Associate Director of the Young Adult Stroke Program at Stanford. Dr. Lee is board-certified in child neurology as well as vascular neurology and attends on both the adult stroke and the pediatric neurology services. Her primary clinical focus involves optimizing diagnosis, treatment, and rehabilitation for pediatric and young adult stroke patients. Research areas of interest include stroke in children with cardiac disease, Moyamoya vasculopathy, and advanced neuroimaging for reperfusion therapies in pediatric stroke.</p>	
<p>Tom McGinnis, EMT-P</p> <p>System Division Chief, EMS Authority</p> <p>Planning Committee Member</p>	<p>Mr. Tom McGinnis the Division Chief for the EMS Systems Division. He has nearly 30 years of experience as an ALS provider and trainer. Mr. McGinnis joined EMSA around ten years ago, transitioning from an impressive EMS career in the private sector then working with a local EMS agency. During his career, Mr. McGinnis has worked in a variety of programs and roles, including management, data, quality improvement, and communications. During his tenure at EMSA, he has developed a thorough knowledge of our programs and responsibilities and an unmatched enthusiasm for improving EMS statewide.</p>	
<p>Vivek Rao, MD</p> <p>The Permanente Medical Group Regional Director, Complex Stroke Director, Neurointensive Care Unit Chief, Neurology Assistant Chief, Neuroscience Center Kaiser Permanente Medical Center, Redwood City</p> <p>Faculty Speaker</p>	<p>Dr. Vivek Rao is a Vascular Neurology Specialist in Redwood City, CA with over 25 years of experience in the medical field. Dr. Rao has a strong interest in caring for critically ill neurologic and neurosurgical patients. He completed his training in neurology at the Neurologic Institute (Columbia University College of Physicians and Surgeons) in New York City followed by a fellowship in stroke and neurocritical care at the University of California, San Francisco. Since 2003, when Dr. Rao joined Kaiser Permanente Medical Center in Redwood City, he has cherished the ability to offer cutting edge therapies and approaches to patients suddenly stricken with a devastating neurologic disorder. Dr. Rao has specialized training to care for patients with complex stroke (including bleeding within the brain), traumatic brain injury, brain aneurysms, and neurologic complications of medical illness. He stays current through memberships in the American Stroke Association and the Neurocritical Care Society and is board certified in neurology, neurocritical care, and vascular neurology. In addition, Dr. Rao contributes significantly to the fields of stroke and neurocritical care through various peer-reviewed journal publications and presentations at national conferences.</p>	

Acknowledgments

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Ernest Aldama: Video Production

Esam (Sergy) El Morshedy: Brochure Production

Veronika Skroskaya: Brochure Graphic Design

Program Purpose

The purpose of EMSA's first annual STEMI and Stroke Summit is to provide a forum to disseminate knowledge and best practices for STEMI and Stroke management, with the goal to reduce morbidity and mortality for patients experiencing STEMI and Stroke in California.

Target Audience

Medical personnel and administrative staff involved in the management of STEMI and Stroke patients across the full continuum of care.

Learning Objectives

The Summit will provide an education forum on current trends for optimal care, newest technology, and best practice on both aspects of clinical and system management of care for both ST-Elevated Myocardial Infarction (STEMI) and Stroke patients. Lecture and discussion topics for the Summit will include emerging technologies in care, system optimization, updates in management, and the future in STEMI and Stroke Management.

Disclosure Policy

All persons who develop and/or control educational content in CE activities provided by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CE-certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

California Stroke & STEMI Summit (Day 1); 06/08/2021; (Internet Live Activity)

Joint Accreditation Statements



In support of improving patient care, this activity has been planned and implemented by the American Heart Association. The American Heart Association is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

AMA Credit Designation Statement - Physicians

The American Heart Association designates this live activity for a maximum of 3.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA Credit Acceptance Statement – Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 3.25 hours of Category I credit for completing this program.

AANP Credit Acceptance Statement – Nurse Practitioners

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

***AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after December 8, 2021.*

ANCC Credit Designation Statement - Nurses

The maximum number of hours awarded for this CE activity is 3.25 contact hours.

***ANCC Credit must be claimed within 6 months of attendance. CE credit will no longer be available to claim after December 8, 2021.*

Continuing Education Accreditation – Emergency Medical Services

This continuing education activity is approved by the American Heart Association, an organization accredited by the Commission on Accreditation of Pre-Hospital Continuing Education (CAPCE), for 3.25 Advanced CEHs, activity number 21-AMHA-F1-0029.

By claiming CAPCE credit, the claimant acknowledges the following: I understand that the American Heart Association as a requirement of CAPCE accreditation will submit a record of my course completions to the CAPCE AMS. I further understand that my course completion records may be accessed by or shared with such regulators as state EMS offices, training officers, and NREMT on a password-protected, need-to-know basis. In addition, I understand that I may review my record of CAPCE-accredited course completions by contacting CAPCE.

***CAPCE credit must be claimed within 6 months of attendance. CE credit will no longer be available to claim for this activity after December 8, 2021.*