

Sun Valley Stroke Conference

Beyond the Trials: Navigating Real World Dilemmas in Stroke



A partnership of St. Luke's Neurosciences and the University of Tennessee Health Science Center

This exciting family-friendly four-day event will include discussions regarding the historical context of current stroke treatments and devices, as well as emerging therapies and technologies for the treatment of hemorrhagic and ischemic stroke. The meeting will emphasize how to handle patients that don't necessarily fit the landmark randomized, controlled trials. The program is designed to be dynamic, with short lectures in the morning punctuated by round table discussions, followed by case presentations, hot topics, and head-to-head debates during the evening sessions.

Learning objectives:

To review the history of, and current state of the art treatments, for patients suffering from hemorrhagic and ischemic stroke

- Describe the latest research in cerebrovascular disorders and stroke
- Identify elements important in successful stroke systems of care
- Discuss complex cases involving surgical, endovascular, and medical management of vascular diseases of the brain



Scientific Program

Thursday, March 7th 4:30-7:45 PM

Setting the Stage: Landmark Trials, Game Changing Devices and Emerging Technologies

4:30-4:35 PM: **Introduction and Welcome**
Dr. Edward Duckworth

4:35-5:05 PM: Scientific History and Current State of Thrombectomy for Acute Ischemic Stroke
Dr. Mayank Goyal

5:05-5:35 PM: The Technical History of Clot Retrieval
Dr. David Fiorella

5:35-6:05 PM: The Original Evidence Based Surgery: Carotid Endarterectomy and the Emergence of Stenting
Dr. Adam Arthur

6:05-6:35 PM: A Historical Perspective on the Clip vs. Coil Debate, including ISAT and BRAT
Dr. Christopher Ogilvy

6:35-7:05 PM: The History of Intracranial Atherosclerotic Disease: Medical and Surgical Promises and Failures
Dr. Andrei Alexandrov

7:05-7:30 PM: A History of Cerebral Revascularization
Dr. Edward Duckworth

7:30 – 8:30 PM: Opening Wine and Cheese Reception

Friday, March 8th 7:30-10:30 AM

Not Every Patient Fits the RCTs: Real World Dilemmas in Stroke Care

Moderators: Adam Arthur, Andrei Alexandrov

7:00-7:30 AM Breakfast with Exhibitors

7:30-7:50 AM: Thrombectomy with LKW unknown or beyond trial criteria - "How far out should we go?"
Dr. Tony Bell

7:50-8:10 AM: Thrombectomy for LVO infarct larger than the clinical trials - "How big is OK?"
Dr. David Liebeskind

8:10-8:30 AM: Thrombectomy for LVO with low NIH – "How low can we go?"
Dr. Mayank Goyal

8:30-8:55 AM: Roundtable Discussion: What will ischemic stroke treatment look like in 5 years?
Dr. Andrei Alexandrov, Dr. Mayank Goyal, and Dr. David Fiorella

8:55-9:10 AM: Coffee Break

9:10-9:30 AM: Options for ruptured wide necked aneurysms: protect the dome (for now) vs. clipping
Dr. Christopher Ogilvy

9:30-9:50 AM: Differences in etiologies of pediatric vs. adult stroke and implications for acute treatment
Dr. John Condie

9:50-10:10 AM: CEA (or CAS) for asymptomatic stenosis: "Does the evidence still 'fit'?"
Dr. Brian Jankowitz

10:10-10:30 AM: Not every trial fits the real world: choosing the most effective treatment modalities for AVMs
Dr. Babu Welch

10:30-4:30: Free Time for Recreation

Friday, March 8th 4:30-7:30 PM

Patients Don't Always Read the RCTs – Interactive Case Presentations, Hot Topics, and Debates

Moderators: Jim Torres, Brian Jankowitz

4:00-4:30 PM Après Ski with Exhibitors

4:30-5:00 PM: Head-to-Head Debate: Should IV TPA be given if a patient is heading for thrombectomy?
Dr. Brian Jankowitz vs. Dr. Andrei Alexandrov, Referee: Mayank Goyal

5:00-5:15 PM: Hot Topic: BP management in acute stroke
Dr. Anne Alexandrov

5:15-5:30 PM: Hot Topic: Options for ICH: conservative, decompressive, evacuation (minimally invasive)
Dr. Brian Jankowitz

5:30-5:50 PM: Interactive Case: Timing of endarterectomy or stent following stroke (re: infarct volume)
Dr. Babu Welch

5:50-6:10 PM: Interactive Case: Surgical Embolectomy for LVO
Dr. Edward Duckworth

6:10-6:30 PM: Interactive Case: Extended time window for thrombectomy: good and bad outcomes
Dr. Tony Bell

6:30-6:50 PM: Interactive Case: Acute stroke treatment in the pediatric population
Dr. John Condie

6:50-7:10 PM: Interactive Case: Arterial Dissections: intracranial vs. extracranial
Dr. Raymond Grams

7:10-7:30 PM: Interactive Case: Complex aneurysm treatment
Dr. Christopher Ogilvy

Saturday, March 9th 7:30-10:30 AM

Stroke Systems of Care: Putting the Pieces Together

Moderators: Ricardo Hanel, Babu Welch

7:00-7:30 AM Breakfast with Exhibitors

7:30-7:50 AM: Mobile Stroke Units- how feasible are they for most markets and where most relevant?
Dr. Anne Alexandrov

7:50-8:10 AM: The benefits and limitations of teleneurology for stroke
Dr. Chris Fanale

8:10-8:30 AM: Multidisciplinary teams for aneurysmal SAH: navigating different backgrounds and capabilities
Dr. Babu Welch

8:30-8:55 AM: *Roundtable Discussion: Stroke center certification: Does it always equate to better outcomes?*
Dr. Anne Alexandrov, Dr. John Perl, and Dr. Jim Torres

8:55-9:10 AM: Coffee Break

9:10-9:30 AM: TIA observation centers - the St. Luke's experience
Dr. Jim Torres

9:30-9:50 AM: Stroke Severity Scores as a triage mechanism
Dr. Cameron McDougall

9:50-10:10 AM: Care of the stroke patient in the hospital: different physician and unit paradigms
Dr. Raymond Grams

10:10-10:30 AM: Building a stroke center from the ground up
Dr. Ricardo Hanel

10:30-4:30: Free Time for Recreation

Saturday, March 9th 4:30-7:30 PM

Applying Systems of Care: Teamwork Solutions and Best Practices

Interactive Case Presentations, Hot Topics, and Debates

Moderators: Anne Alexandrov, John Perl

4:00-4:30 PM Après Ski with Exhibitors

4:30-5:00 PM: *Head to Head Debate: Hospital bypass for patients with LVO (Rural vs. Urban considerations)*
Dr. John Perl vs. Dr. Andrei Alexandrov, *Referee: Adam Arthur*

5:00-5:15 PM: *Hot Topic: Head positioning with LVO*
Dr. Anne Alexandrov

5:15-5:30 PM: *Hot Topic: "NOAC nuances and cardiac sources of stroke"*
Dr. David Hinchman

5:30-5:50 PM: Interactive Case: Preventing the big one: TIA management
Dr. Jim Torres

5:50-6:10 PM: Interactive Case: Stroke severity scales in action
Teresa Smith RN

6:10-6:30 PM: Interactive Case: Treating a stroke patient in a rural setting
Dr. John Perl II

6:30-6:50 PM: Interactive Case: Multidisciplinary SAH treatment
Edward Duckworth

6:50-7:10 PM: Interactive Case: Mobile stroke unit cases
Dr. Andrei Alexandrov

7:10-7:30 PM: Interactive Case: Stroke treatment with teleneurology capabilities
Dr. Chris Fanale

7:30 – 8:30 PM: Family night activity: Hot Chocolate and Ice Skating at the Lodge

Sunday, March 10th 7:30-10:30 AM

Technology and Treatments on the Horizon for Hemorrhagic and Ischemic Stroke

7:00-7:30 AM Breakfast with Exhibitors

7:30-7:50 AM: Endovascular technology on the horizon for aneurysm treatment
Dr. Cameron McDougall

7:50-8:10 AM: The current state of the art and future of carotid imaging
Dr. Andrei Alexandrov

8:10-8:30 AM: Middle meningeal artery embolization for chronic subdural hematoma: a new paradigm
Dr. Adam Arthur

8:30-8:55 AM: **Roundtable Discussion: Thrombectomy call coverage paradigms**
Dr. John Perl II, Dr. Ricardo Hanel, Dr. Cameron McDougall

8:55-9:10 AM: Coffee Break

9:10-9:30 AM: Advanced imaging for selection of patients for thrombectomy
Dr. Ricardo Hanel

9:30-9:50 AM: Augmented reality treatment of aneurysms in the OR and angiography suite
Dr. Edward Duckworth

9:50-10:10 AM: Endovascular devices on the horizon for thrombectomy
Dr. David Fiorella

10:10-10:30 AM: Emerging pharmacotherapies for ischemic stroke
Dr. Dan Abenroth

Adjourn - Enjoy Sun Valley!

