

**Mayo Clinic Cerebral Bypass and Advanced Neuroendovascular Course
November 8-10**

Honor Guest: Luca Regli MD (Zurich, Switzerland)

AGENDA

Thursday Nov 8

7:00 p.m. **Welcome Dinner**
PASQUALE'S NEIGHBORHOOD PIZZERIA
130 5TH STREET SOUTHWEST, ROCHESTER, MN

Friday November 9, 2018

Cerebral bypass and open vascular surgery

7:00 a.m. **Arrival and breakfast Gonda 8-104 Kern Lecture Hall**
7:30 a.m. **Introduction and Welcome**
Leonardo Rangel-Castilla M.D.
7:40 a.m. **Neurovascular Anatomy Review (anterior circulation)**
Vicent Quilis Quesada MD
8:10 a.m. **Techniques of cerebral bypass, how do I start?**
Jonathan Russin M.D.
8:40 a.m. **Cerebral bypass for ischemic diseases**
Luca Regli MD
9:10 a.m. **Approach and Management of Moya-Moya Disease**
Giuseppe Lanzino M.D.
9:40 a.m. **Break**
10:00 a.m. **Anterior circulation aneurysm surgery: How I do it?**
Leonardo Rangel-Castilla MD
10:30 a.m. **Posterior circulation aneurysm surgery: How I do it?**
Giuseppe Lanzino MD
11:00 a.m. **Stents and Neck Reconstruction Devices for Cerebral aneurysm Treatment**
Leonardo Rangel-Castilla MD
11:30 a.m. **Lunch**
1:15 p.m. **Group 1 Laboratory Hands on (bypass)**
All faculty (rat model, placenta model [availability])
Group 2 Laboratory Hands on (endovascular) and case discussion with faculty
3:00 p.m. **Break**
3:15 p.m. **Group 1 Laboratory Hands on (endovascular) and case discussion with faculty**
Group 2 Laboratory Hands on (bypass)
All faculty (rat model, placenta model [availability])
5:00 p.m. **Adjourn**
6:30 p.m. Course Dinner at the Wilson House (***Directions below***)
David Piepgras MD
“Cerebral bypass in Neurosurgery: a Historical Review”

Saturday November 10, 2018

Neuroendovascular Surgery

- 7:00 a.m. **Arrival and breakfast**
- 7:30 a.m. **Neurovascular Anatomy Review (posterior circulation)**
Vicent Quilis Quesada MD
- 8:00 a.m. **Cerebral bypass in the Endovascular Era**
Luca Regli MD
- 8:30 a.m. **Innovation in Revascularization**
Jonathan Russin M.D.
- 9:00 a.m. **Endovascular Coiling: Benefits and Limitations**
Benjamin Brown MD
- 9:30 a.m. **Flow Diversion: Benefits and Limitations**
Giuseppe Lanzino MD
- 10:00 a.m. **Group 2 Laboratory Hands on (bypass)**
All faculty (rat model, placenta model [availability])
Group 1 Laboratory Hands on (endovascular) and case discussion with faculty
- 12:15 p.m. **Lunch**
- 1:15 p.m. **Group 2 Laboratory Hands on (bypass)**
All faculty (rat model, placenta model [availability])
Group 1 Laboratory Hands on (endovascular) and case discussion with faculty
- 3:15 p.m. **Evolution of endovascular management of acute ischemic stroke**
Waleed Brinjikji MD
- 3:40 p.m. **Complications and limitations of Endovascular management of acute ischemic stroke**
Harry Cloft MD
- 4:10 p.m. **New Frontiers and Trials on endovascular management of acute ischemic stroke**
David Kallmes MD
- 4:40 p.m. **Endovascular approach to pediatric cerebrovascular diseases**
Waleed Brinjikji MD
- 5:10 p.m. **Adjourn**