The postgraduate course in vascular and endovascular surgery provides a unique function as it involves all of the Boston and Eastern Massachusetts medical centers to provide faculty, including many leaders on a national and international scale with a focused, up to date approach towards multiple topics of interest in vascular disease, including patient assessment by vascular surgeons and other vascular specialists. As such, it will try to help provide the optimal approach for the evaluation, diagnostic, and management (including technical performance in ‘How I Do It’) and offer specific treatment options for a whole array of vascular problems. This will provide a current comprehensive review of the evaluation and management of this patient population as well as address many of the existing controversies. This should translate into improved patient outcomes through a better understanding of pathogenesis, the diagnosis, and the natural history of the disease processes and how to select the optimal methodology for the treatment.

The teaching format will include short lectures by the faculty, followed by a panel discussion where we will address many of the issues. This will provide the attendees the opportunity to ask multiple questions relating to the lectures and session presentations. This interactive session will help the course attendees improve their knowledge and competence in the practice of treating patients with vascular disease. During appropriate sessions, there will be formal debates on controversial topics to help the attendees appreciate the different points of view in these complex clinical problems. In addition, at the end of each day of lectures, there will also be numerous specific case presentations to help emphasize the lectured topics using the example of real patients with the vascular disease of the prior day sessions.

The target audience for this postgraduate course is very broad. It includes any clinical practitioner treating patients with vascular disease in any capacity. This includes vascular, general, and cardiothoracic surgeons, as well as interventional radiologists and cardiologists and may also be helpful for intensivists as well as emergency medicine personnel who see patients with vascular disease. Those who wish to have a greater depth of understanding and appreciation for the evaluation and treatment options for patients with vascular disease will clearly benefit from this course. The qualifications of the participants can be on the level of physicians, nurse practitioners, physician assistants, as well as trainees such as residents and fellows.

Schedule:
Thursday, April 30, 2020
6:30 AM - 7:00 AM: Registration
7:00 AM - 7:15 AM: Welcome

Vascular Medicine
7:15 AM - 7:30 AM: How Low Should The Cholesterol Be Targeted And How To Get It There
7:30 AM - 7:45 AM: Predictors Of MI After Vascular Surgery; How To Best Medically Manage The Patient To Avoid It?
7:45 AM - 8:00 AM: The HX Of DVT And Recurrent Bypass Graft Thrombosis, How Should They Be Evaluated?
8:00 AM - 8:15 AM: The Vascular Patient Who Smokes Or "Vapes", What Are The Effects And How To Help Them Stop
8:15 AM - 8:30 AM: Oral Anticoagulants, How Good Are They And Should They Be Used To Treat Athero-Obstructive Disease?
8:30 AM - 8:45 AM: In PAD, Is Aspirin Still The Gold Standard, Or Are Other Antiplatelet Drugs Better?
8:45 AM - 9:00 AM: Transfusion Recommendations: Are They Appropriate For The Vascular Surgery Patient
9:00 AM - 9:15 AM: Vasculitis In The Vascular Patient, When Should You Think About It And Should It Alter Therapy?
9:15 AM - 9:30 AM: Panel
9:30 AM - 10:00 AM: Break

Occlusive Disease I
10:00 AM - 10:15 AM: What Is The Role Of Exercise In PAD, Is It Different For Severe Claudicators?
10:15 AM - 10:30 AM: How Does Gender And Age Affect Short And Long Term Outcomes For LE Revascularization?
10:30 AM - 10:45 AM: Longevity In Patients With PAD, How Does It Affect My Decision On How To Treat Their Disease?
10:45 AM - 11:00 AM: What Are The Optimal Conduit Options When Ipsilateral GSV Is Not Present?
11:00 AM - 11:15 AM: New CTO Devices And DES/DCSB, What Works, What Are The Risks And Is It Worth The Cost?
11:15 AM - 11:30 AM: Debate: Endovascular Therapy First Is The Best Initial Le Therapy For Patients With CLI
11:30 AM - 11:45 AM: Debate: Why Waste Resources With PTA/Stents, BPG Is The Best Treatment For These Patients
11:45 AM - 12:00 PM: Panel
12:00 PM - 1:00 PM: Lunch

Aneurysm I
1:00 PM - 1:15 PM: Aortic Ulcers, Focal Dissections, Intramural Hematoma, What Are The Current Recommendations?
1:15 PM - 1:30 PM: Inhibiting Small Aneurysm Growth: Metformin, Ticagrelor And Other Approaches
1:30 PM - 1:45 PM: Contemporary SVS Guidelines For AAA, Should There Be A Gender And Age Consideration?
1:45 PM - 2:00 PM: Current Available Predictive Models Of AAA Outcomes, How They Help Decision To Rx Patient AAA
2:00 PM - 2:15 PM: Although IFU Are Important For EVARs, Which Ones Have The Least Impact On Evar Failure?
2:15 PM - 2:30 PM: With The Results Of P-Branch And Fevar, Is There Any Role Left For Chimneys/ Snorkels?
2:30 PM - 2:45 PM: Panel
2:45 PM - 3:15 PM: Break

Venous Disease
3:15 PM - 3:30 PM: With hx of DVT &/or Deep Vein Obstruction, How Should You Treat the Symptomatic Superficial System?
3:30 PM - 3:45 PM: The Current Optimal Approach For RX of Iliofemoral or IVC Occlusion
3:45 PM - 4:00 PM: The Presentation, Evaluation, And Management Of The Patients With Proximal Venous Obstruction
4:00 PM - 4:15 PM: Complications Of Venous Therapy And Contemporary Practice Methods To Avoid Them
4:15 PM - 4:30 PM: Debate: Non-Thermal Venous Ablation Methods Are Best Tolerated And Provide Excellent Results
4:30 PM - 4:45 PM: Debate: Forget Foam, Glue And Moca, Thermal Venous Ablation Are The Best At The Lowest Cost
Friday, May 1, 2020

Carotid
6:45 AM - 7:15 AM: Registration
7:15 AM - 7:30 AM: Effects Of Optimal Medical Therapy On Natural History Of Cerebrovascular Occlusive Disease
7:30 AM - 7:45 AM: Non-AS Carotid Disease: FMD, Dissection, Aneurysms, Vasculitits, How Should They Be Treated?
7:45 AM - 8:00 AM: Cerebrovascular Imaging, How To Differentiate The High Risk Patient For Appropriate Treatment?
8:00 AM - 8:15 AM: Update On RX For Acute Stroke: Are We Turning The Tide?
8:15 AM - 8:30 AM: The Acutely SX Patient After CEA/CAS: How To Evaluate And Treat Them
8:30 AM - 8:45 AM: Carotid Restenosis: How Closely Should We Follow Patients After Cea And When Should It Be Treated?
8:45 AM - 9:00 AM: Debate: Only Medical Therapy, Not CEA Or CAS, Is Indicated With ASX Severe Carotid Stenosis
9:00 AM - 9:15 AM: Debate: CEA Or CAS Is Indicated For Most Patients With ASX Severe Carotid Stenosis
9:15 AM - 9:30 AM: Panel

9:30 AM - 10:00 AM: Break

Miscellaneous I
10:00 AM - 10:15 AM: What Are The Effective Protocols For Contrast Administration For Patients With Poor GFR
10:15 AM - 10:30 AM: The Patient With Progressive Renal Failure: Who Should Get AVF/AVG Or Peritoneal Catheter And When?
10:30 AM - 10:45 AM: Contemporary Evaluations And RX Of Non Maturing/Failing AVF/Avgraft Or Steal To The Hand
10:45 AM - 11:00 AM: The Obesity Paradox: Thin May Be In But Fat Is Where It Is At!
11:00 AM - 11:15 AM: Introduction To Linton Lecture
11:15 AM - 12:00 PM: Linton Lecture

12:00 PM - 1:00 PM: Lunch

Aneurysm II
1:00 PM - 1:15 PM: Machine Learning And Artificial Intelligence For Imaging Of AAA, What Does This Mean For The Future?
1:15 PM - 1:30 PM: Malperfusion After Aortic Dissection: When To Treat With Proximal Or Distal Options
1:30 PM - 1:45 PM: Contemporary Approaches And Controversies Of RX Of Ruptured AAA
1:45 PM - 2:00 PM: The Enlarging AAA After Evar, What Are The Indications For Surgery: Explant And Other Options
2:00 PM - 2:15 PM: Debate: Open Surgery Is Still The Best And Most Durable Treatment For AAA In Young Patients
2:15 PM - 2:30 PM: Debate: Forget Open Surgery - AAA And Evar Can Be Used For Young Patients
2:30 PM - 2:45 PM: Panel

2:45 PM - 3:15 PM: Break

Occlusive Disease II
3:15 PM - 3:30 PM: CERAB And Open Surgery, When Is One Preferable To Treat The Patient With Aorto-Iliac Disease?
3:30 PM - 3:45 PM: When Is Repeat Reconstruction Not Indicated And Patient CLI Treated With Primary Amputation
3:45 PM - 4:00 PM: CLI Tibial Reconstruction: What Is Endo Or Open Indicated And Do Angiosomes Matter?
4:00 PM - 4:15 PM: Debate: Femoral Endarterectomy Or Bypass Is The Best Way To Treat Common Femoral Occlusive Disease
4:15 PM - 4:30 PM: Debate: Avoid Groin Complications, Endo Is The Best To Treat Common Femoral Occlusive Disease
4:30 PM - 5:30 PM: Problem Case Presentation

Saturday, May 2, 2020
Technique I - How I Do It
7:00 AM - 7:30 AM: Registration
7:30 AM - 7:45 AM: MOCA Vs Foam Sclerotherapy, How I Do It
7:45 AM - 8:00 AM: Perforator Interruption, How Do I Do It
8:00 AM - 8:15 AM: TCAR, How I Obtain Success And Avoid Problems
8:15 AM - 8:30 AM: Exposure For The Spine Surgeon: How I Avoid The Pitfalls
8:30 AM - 8:45 AM: How I Do Thoracic Outlet Syndrome Surgery
8:45 AM - 9:00 AM: Contemporary Innovations For Amputation: Osseointegration And Target Muscle Innervation
9:00 AM - 9:15 AM: Foot Amputations: Options And Adjuvant Therapy I Use When There Is Limited Soft Tissue
9:15 AM - 9:30 AM: Panel

9:30 AM - 9:45 AM: Break

Technique II - How I Do It
9:45 AM - 10:00 AM: Femoral-Distal Bypass, How I Do It
10:00 AM - 10:15 AM: How I Explore The Abdomen For Hemoperitoneum After Trauma
10:15 AM - 10:30 AM: Carotid-Subclavian Bypass Vs Subclavian Transposition: How To Choose?
10:30 AM - 10:45 AM: Decreasing Radiation Exposure: Tips To Protect The Patient And The Staff
10:45 AM - 11:00 AM: How I Cannulate The Difficult Aortic Branch Vessels, Which Wires And Catheters Provide Success
11:00 AM - 11:15 AM: How I Do Antegrade/Retrograde Mesenteric Revascularization
11:15 AM - 11:30 AM: Non-Femoral Artery Access Options For Treating Vascular Disease
11:30 AM - 11:45 AM: Panel

Lodging:

Course Directors:
Glenn M. LaMuraglia, MD

Meeting City and State: Boston, MA
Meeting Location: Royal Sonesta Hotel, 40 Edwin Land Blvd., Cambridge, MA