Mayo Clinic International Vascular Symposium
June 27-30, 2009
Budapest, Hungary

DRAFT Preliminary Program Schedule

Honorary Chair of Symposium
Alexander Schirger, M.D.

Mayo Clinic Course Directors
Peter Gloviczki, M.D.
Haraldur Bjarnason, M.D.
Raymond C. Shields, M.D.

Central European Course Director
Csaba Dzsinich, M.D., Ph.D.

Honorary Faculty:
Anna Kadar, M.D.

Guest Faculty
Gyorgy Acsady, M.D.
Claudio Allegro, M.D.
Zoltan Boda, M.D.
Boris Brkljacic, M.D., Ph.D.
Piergiorgio Cao, M.D.
Lazar Davidovic, M.D.
Giovanni Deriu, M.D.
Csaba Farsang, M.D.
Kalman Huttl, M.D., Ph.D.
Istvan Karadi, M.D., Ph.D.
Entz Laszlo, M.D.
Martin Malina, M.D., Ph.D.
Gabor Menyhei, M.D.
Hugo Partsch, M.D.
Zsolt Pecsvarady, M.D.
Pavel Poredos, M.D.
Thomas Proehstl, M.D.
Dieter Raithel, M.D.
Francis Robicsek, M.D., Ph.D.
Karel Roztocil, M.D., Ph.D.
Daniel Rufenacht, M.D.

Thom Sos, M.D.
Viera Stvrtinova, M.D.
Arno von Ristoff, M.D.
Eric LG Verhoeven, M.D., Ph.D.
George Weber, M.D.

Mayo Clinic Faculty
Thomas C. Bower, M.D.
Mark G. Costopoulos, M.D.
James Glockner, M.D.
Manju Kalra, M.B.B.S.
Iftikhar Kullo, M.D.
Thanila A. Macedo, M.D.
Robert D. McBane, M.D.
Sanjay Misra, M.D.
Gustavo S. Oderich, M.D.
Joseph J. Ricotta, Jr., M.D.
Stephen C. Textor, M.D.
Terri J. Vrtiska, M.D.
Waldemar E. Wysokinski, M.D., Ph.D.
Saturday, June 27, 2009, PM

4:00  Welcome - Peter Gloviczki, M.D. and Csaba Dzsinich, M.D., Ph.D.

What is New in Vascular Disease Management at Mayo Clinic in 2009?
Moderators: Haraldur Bjarnason, M.D. and Raymond C. Shields, M.D.

4:05  Advances in Vascular Imaging of Aortic Pathology
Terri J. Vrtiska, M.D.

4:20  Treatment of Acute Deep Vein Thrombosis
Robert D. McBane, M.D.

4:35  Endovascular Treatment of Chronic Iliocaval Venous Thrombosis
Haraldur Bjarnason, M.D.

4:50  Branched Endografts for Treatment of Thoracoabdominal Aortic Aneurysms
Gustavo Oderich, M.D.

5:05  Alexander Schirger Lectureship in Vascular Biology
Metabolic Disorders in Vascular Diseases
Pavel Poredos, M.D.
Introduced by Raymond C. Shields, M.D.

5:30  Concluding Remarks: The Role of the Physician in the Era of Technology
Alexander Schirger, M.D.

5:40  Break

6:00  Opening Ceremony
Peter Gloviczki, M.D., Haraldur Bjarnason, M.D. Raymond C. Shields, M.D., and Csaba Dzsinich, M.D., Ph.D.

With

His Excellency, Dr Tamas Szekely, Minister of Health of Hungary
His Excellency, Dr. Imre Szekeres, Minister of Defense and
Representative of the State Health Institute of Hungary
Tivadar Tulassay, M.D., Rector, Semmelweis Medical School, Budapest, Hungary
Istvan Karadi, M.D., Dean, Semmelweis Medical School, Budapest, Hungary
Gyorgy Acsady, M.D., Chair, Vascular Surgical Clinic,
Semmelweis Medical School, Budapest, Hungary
Claudio Allegra, M.D., Past President, International Union of Phlebology
and Central European Vascular Forum
Giovanni Deriu, M.D., President, European Society of Cardiovascular Surgery
Lajos Kollar, M.D., President, Hungarian Society of Angiology and Vascular Surgery
Pavel Poredos, M.D., Vice-President, International Union of Angiology
Viera Stvrtinova, M.D., President, Central European Vascular Forum
6:10  The Mayo Legacy.  *Video of Mayo Clinic and the Mayo Brothers*

6:30  The Mayo Clinic and Gonda Vascular Center
  *Peter Gloviczki, M.D.*

6:45  *Recognition of the Honorary Chair and Honorary Faculty*

6:55  Opening of the symposium:  *His Excellency Tamas Székely M.D., Minister of Health of Hungary*

7:10  *Welcome Reception*

**Sunday, June 28, 2009**

*Peripheral Arterial Disease (PAD)*
*Moderators: Raymond C. Shields, M.D. and Iftikar Kullo, M.D.*

7:30  PAD: An 'Inflammatory' Disease?
  *Iftikhar Kullo, M.D.*

7:40  Lipids and PAD
  *Istvan Karadi, M.D.*

7:50  New Techniques to Promote Angiogenesis in PAD
  *Zsolt Pécsvárady, M.D.*

8:00  Arterial Stiffness and Functional Capacity in PAD Patients
  *Iftikhar Kullo, M.D.*

8:10  Short Communications (5 minutes each)

1.  Risk score for prediction lethal outcome in patients with established peripheral arterial disease
  *Grazina Urbonaviciene1, Jan Frystyk2, Guo-Ping Shi3, Sigitas Urbonavicius1, Jes S.Lindholt1*
  1Vascular Research Unit, Department of Vascular Surgery, Viborg Hospital, Denmark
  2The Medical Research Laboratory, Clinical Institute, Aarhus University Hospital
  3Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, USA.

2.  The increasing significance of personalized prevention in asymptomatic atherosclerosis.
  *Szaboova E, Kozarova M, Kmecova D, Tkac I, Bortakova M, Vitkova K.*
  4th Clinic of Internal Medicine PJS University, Kosice, Slovakia
  Angiocare, Kosice, Slovakia

8:25  Panel Discussion
  Consensus Guidelines on Medical Management of  PAD
  *PAD Presenters*

9:00  *Break*
## Endovascular and Open Surgical Treatment of PAD

**Moderators:** Manju Kalra, M.D. and Kalman Huttl, M.D.

<table>
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tr>
<td>9:30</td>
<td>CTA: Recent Advances in Imaging of PAD</td>
<td>Terri J. Vrtiska, M.D.</td>
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<td>9:40</td>
<td>Combined Open Surgical and Endovascular Management of Lower Extremity Arterial Occlusive Disease: Current European Practice</td>
<td>Gabor Menyhei, M.D.</td>
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<td>9:50</td>
<td>Femoropopliteal Stenting for PAD: Results of Clinical Trials and Current Mayo Clinic Guidelines</td>
<td>Sanjay Misra, M.D.</td>
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<td>10:00</td>
<td>Infrainguinal Endovascular Arterial Intervention: Current Practice in Central Europe and a View into the Future</td>
<td>Kalman Huttl, M.D.</td>
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<td>10:10</td>
<td>Infrapopliteal Endovascular Interventions for Critical Limb Ischemia</td>
<td>Joseph J. Ricotta, Jr., II, M.D.</td>
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<td>10:20</td>
<td><strong>Short Communications</strong> (5 minutes each)</td>
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<td>10:20</td>
<td>3. Long-term results with pedal by-pass are excellent and predictable.</td>
<td><em>Gunnar Plate, M.D.</em> Sweden</td>
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<td></td>
<td>4. Treatment of TASC C and D Symptomatic Superficial Femoral Artery Occlusive Disease: Stent versus Above Knee Popliteal PTFE Bypass</td>
<td><em>R. Clement Darling III, M.D., Philip SK Paty, M.D., Sean P. Roddy, M.D., Manish Mehta, M.D., Yaron Sternbach, M.D., Benjamin B. Chang, M.D., Paul B. Kreienberg, M.D., Kathleen J. Ozsvath, M.D., John B. Taggart, M.D., Dhiraj M. Shah, M.D.</em> The Vascular Group, Albany, NY, USA</td>
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<td>6. Use of mechanical thrombectomy in acute limb ischemia caused by occlusion of bypass grafts in aortic, iliac and femoropopliteal regions</td>
<td><em>Samuel Heller, Miroslav Chochola, Petr Vařejka, Stanislav Beran, Lenka Skalicka</em> 2nd Department of Internal Medicine of Cardiology and Angiology of General Teaching Hospital of 1st Medical Faculty of Charles University, Prague, Czech Republic</td>
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<td>7. Transcutaneous application of human thrombin in treatment of post-catheterization pseudoaneurysmata</td>
<td><em>Jirát Simon, Novotný Karel1, Magage Sudheera, Semrád Michal2, Mrázek Vratislav, Linhart Aleš</em></td>
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11:10  Panel Discussion
Consensus Guidelines on Endovascular and Surgical management of PAD
Endovascular and Surgical Management Presenters

11:45  Lunch On Your Own

Renal and Mesenteric Artery Disease
Moderators: Thom Sos, M.D. and Thomas C. Bower, M.D.

1:00  Renal Artery Imaging in 2009 and beyond
James Glockner, M.D.

1:10  Renal and Visceral Artery Duplex Ultrasound: Current Standards
Thanila A. Macedo, M.D.

1:20  Renal and Mesenteric Artery Duplex Scanning: European Perspectives
Boris Brkljacic, M.D.

1:30  Renovascular Disease: A Review of Clinical Trials and Current Mayo Clinic Guidelines for Medical Management
Stephen C. Textor, M.D.

1:40  Renovascular Hypertension:
The Success of Medical Therapy and Indications for Interventions in Europe
Csaba Farsang, M.D.

1:50  Renal Artery Stenosis and Hypertension: Overtreated, but Underrated?
Stephen C. Textor, M.D.

2:00  Renal Artery Endovascular Therapy: Current Practice at Mayo Clinic
Sanjay Misra, M.D.

2:10  Renal Artery Stenting: Technical Challenges and Need for Embolic Protection
Thom Sos, M.D.

2:20  Break

2:50  Current Indications and Results of Surgical Reconstructions for Renal Artery Disease at Mayo Clinic
Thomas C. Bower, M.D.

3:00  Management of Restenosis Following Percutaneous Renal Artery Revascularization
Sanjay Misra, M.D.

3:10  Surgical Reconstructions after Renal Artery Stenting: Are They Successful?
Csaba Dzsinich, M.D., Ph.D.
3:10 Short Communications (5 min)

8. Right renal artery bypass through the left retroperitoneal approach

R. Clement Darling III, M.D., Philip SK Paty, M.D., Sean P. Roddy, M.D., Benjamin B. Chang, M.D., Paul B. Kreienberg, M.D., Manish Mehta, M.D., Kathleen J. Oszvath, M.D., Yaron Sternbach, M.D., John B. Taggert, M.D., Dhiraj M. Shah, M.D.
The Vascular Group, Albany, NY, USA

3:20 Panel Discussion
Consensus on Medical, Endovascular and Surgical Treatment of Renovascular Hypertension and Ischemic Nephropathy
Renal Disease presenters

4:00 Adjourn

4:30 Excursion to the Hungarian Puszta with Folklore, Horseshow Program and Dinner

10:00 Return to Budapest (Arrival about 11:00 p.m.)

Monday, June 29, 2009

Venous Thromboembolism
Moderators: Robert D. McBane, M.D. and Hugo Partsch, M.D.

7:30 Pathogenesis of Deep Vein Thrombosis: Application of Thrombogenic Markers
Robert D. McBane, M.D.

7:40 The Future of Anticoagulation Therapy: New Agents on the Horizon
Zoltan Boda, M.D.

7:50 Genotype Guided Warfarin Dosing: Is the Future Now?
Mark G. Costopoulos, M.D.

8:00 Pulmonary Embolism
Raymond C. Shields, M.D.

8:10 Thrombolysis and Mechanical Thrombectomy for Acute Iliofemoral Venous Thrombosis
Haraldur Bjarnason, M.D.

8:25 Retrievable IVC Filters: Controversies and Future Directions
Raymond C. Shields, M.D.

8:35 Acute Upper Extremity Venous Thromboembolism Management: Where Do We Stand?
Mark G. Costopoulos, M.D.

8:45 Short Communication (5 min)

9. Catheter directed thrombolysis in patients with congenital agenesis of the inferior vena cava

Beran S, Chochola, M, Vařejka M, Heller S, Procházka P, Dostal H, S Jirat, Skalická L, Linhart A
2nd Department of Internal Medicine of Cardiology and Angiology of General Teaching Hospital of 1st Medical Faculty of Charles University, Prague, Czech Republic
8:50  Panel Discussion
    Venous Disease and Thrombosis Presenters

9:30  Break

**Chronic Venous Disease: Surgical and Endovascular Management**
*Moderators: Haraldur Bjarnason, M.D. and George Acsady, M.D.*

10:00 Surgical and Endovenous Treatment for Superior Vena Cava Syndrome
    Manju Kalra, M.D.

10:10 Chronic Venous Insufficiency: The European Perspective
    Viera Stvrtinova, M.D.

10:20 Chronic Lower Extremity Venous Disease:
    The Evidence for the Benefits of Pharmacologic Therapy
    Karel Roztocil, M.D.

10:30 Compression Treatment for Chronic Venous Insufficiency:
    Current Guidelines
    Hugo Partsch, M.D.

10:40 Surgical or Endovenous Treatment for Ilio-Femoral Venous Occlusions?
    George Acsady, M.D.

10:50 Surgical or Endovenous Thermal Ablations for Patients with Chronic Venous Disease:
    Current Guidelines
    Peter Gloviczki, M.D.

11:00 Sclerotherapy for Varicose Veins and Chronic Venous Insufficiency
    Hugo Partsch, M.D.

11:10 Prevention of Chronic Venous Disease: Social-Economic Aspects
    Claudio Allegra, M.D.

11:20 2 Year Results of Endothermal Ablation of the Saphenous Vein with the Latest Generation of
    Radiofrequency Catheters
    Thomas Proebstle, M.D.

11:30 Short Communications (5 min.)

10. Pelvic congestion syndrome managament in orient

    *Al Tarazi L1+2, Kabani I 2, Hassan AM 2*
    1Damascus University Hospital, Syria .2 Arabe Endovascular Group

11. Surgical treatment of severe chronical venous insufficiency associated with morbid
    obesity: a case report

    *Mazuch J., Mištana D., Hul'o E., Červená Z., Smolár M.*
    Surgical clinic of MFN, Jessenius faculty of Comenius University Martin, Slovakia
11:40 Panel Discussion
Consensus on Management of Chronic Venous Disease

12:10 Lunch On Your Own

Aortic Disease
Moderators: Joseph J. Ricotta, Jr., II, M.D and Piergiorgio Cao, M.D.

1:15 Management of Small Abdominal Aortic Aneurysms
Piergiorgio Cao, M.D.

1:25 Endovascular Management of Thoracic and Thoracoabdominal Aortic Aneurysms
Martin Malina, M.D.

1:35 Open Repair of Thoracic and Thoracoabdominal Aortic Aneurysms: Current Guidelines at Mayo Clinic
Thomas C. Bower, M.D.

1:45 Results of Branched and Fenestrated Endovascular Grafting for Complex Aortic Reconstructions
Eric LG Verhoeven, M.D.

1:55 The Endovascular Management of Complex Abdominal Aortic Aneurysms
Arno von Ristow, M.D.

2:05 Short Communications (5 minutes each)

12. Transcranial Doppler Monitoring is Vital in Thoracic Endograft Placement
Zsolt Garami M.D., Jean Bismuth M.D., Houssam K. Younes M.D.,
Mark G. Davies M.D. PhD, Eric K. Peden M.D., Alan B. Lumsden M.D.
Department of Cardiovascular Surgery, Methodist DeBakey Heart and Vascular Center
The Methodist Hospital, Houston, Texas

13. Endovascular Repair of Type B Aortic Dissection with Separated Stent-Grafts System: A Single Center Experience
Iwan Dakota, Hananto Adriantoro, Is moyo Sunu, RWM Kaligis, Ganesja Mulia Harimurti
National Cardiovascular Center Harapan Kita Hospital, Jakarta

14. The Learning Curve Criteria for Successful Hybrid Aortic Arch De-branching Approach Combined With Endovascular Aortic Arch Repair
E.S. Remsey, M. Irqsusi, S. Waldhans, H. ElFarra, M. Burbe lko, M.Kalinowski, R. Moosdorf
Department of Heart & Cardiovascular Surgery & Radiology of the University of Marburg & Giessen GmbH, Germany

2:25 Panel Discussion:
Consensus on Endovascular and Open Repair of Thoracic and Thoracoabdominal Aneurysms
Aortic Disease Presenters

2:55 Break
Aortic and Popliteal Aneurysms and Aorto-iliac Occlusive Disease

Moderators: Gustavo S. Oderich, M.D. and Dieter Raithel, M.D.

3:20 Minilaparotomy for open AAA repair
Manju Kalra, M.D.

3:30 Open Repair vs. Endovascular Repair of Infrarenal Abdominal Aortic Aneurysms at Mayo Clinic: Current Guidelines
Peter Gloviczki, M.D.

3:40 Elective Repair of AAAs with EVAR: The Nuremberg Experience
Dieter Raithel, M.D.

3:50 Repair of Ruptured AAA with EVAR: The Malmo and the European Experience
Martin Malina, M.D.

4:00 Branched Iliac Grafts and Other Techniques to Maintain Internal Iliac Artery Perfusion During EVAR
Joseph J Ricotta, Jr., II, M.D.

4:10 Endoleak Following EVAR: What Have We Learned, Which One to Treat and How?
Haraldur Bjarnason, M.D.

4:20 Hand-Assisted Laparoscopic Aorta-Surgery
George Weber, M.D.

4:30 Endovascular Repair of Popliteal Aneurysms
Eric LG Verhoeven, M.D.

4:40 Short Communications (5 minutes each)

15. Serum proteins associated with expansion of abdominal aortic aneurysms
S.Urbonavicius1,2 G.Urbonaviciene2, E.W.Henneberg1, J.S.Lindholt2, B.Honoré3
1Department of Vascular Surgery, Viborg hospital, Denmark  2Vascular Research Unit, Viborg hospital, Denmark  3Institute of Medical Biochemistry, Aarhus University, Denmark

16. Aneurysm sac behaviour after endovascular aneurysm repair (EVAR) using the Aorfix(TM) endograft system
Petr Vařejka M.D.
2nd Department of Internal Medicine of General Hospital – Dep. of Cardiology and Angiology, Charles University, Prague, Czech Republic

17. Ultrasound follow up of the patients after EVAR for AAA
Lenka Skalicka, Petr Varejka, Miroslav Chochola, Simon Jirat, Samuel Heller, Stanislav Beran, Pavel Prochazka, Ondrej Dostal, Vratislav Mrazek, Ales Linhart
2nd Department of Internal Medicine of General Hospital – Dept. of Cardiology and Angiology, Charles University, Prague, Czech Republic

5:00 Panel Discussion:
Consensus on Management of AAAs and Popliteal Aneurysms
Abdominal Aortic and Popliteal Aneurysms and Occlusive Disease Presenters

5:30 Adjourn
Tuesday, June 30, 2009

Vascular Trauma and Carotid Disease
Moderators: Joseph J. Ricotta, Jr. II, M.D. and Daniel Rufenacht, M.D.

7:30  Vascular Injuries of the Balkan War
      Lazar Davidovic, M.D.

7:40  Aneurysms of the Supraaortic Trunks
      Giovanni Deriu, M.D.

7:50  Ultrasound Evaluation of the Carotid and Vertebral Arteries at Mayo Clinic
      Thanila A. Macedo, M.D.

8:00  MRA vs. CTA of the Arch, the Neck and the Intracranial Vessels: Which is Best and Why
      James Glockner, M.D.

8:10  Carotid Artery Stenosis: Stenting vs. Endarterectomy - The Endovascular Perspective
      Daniel Rufenacht, M.D.

8:20  Carotid Artery Stenosis: Stenting vs. Endarterectomy - The Endarterectomy Perspective
      Entz Laszlo, M.D.

8:30  Carotid Stenting in Italy: Current Perspectives
      Piergiorgio Cao, M.D.

8:40  Why does Carotid Stenting Do Poorly in the Trials?
     What Do They Tell Us and How to go From Here?
     Joseph J. Ricotta, Jr., II, M.D.

8:50  Atrial Fibrillation and Stroke: An Update
      Waldemar E. Wysokinski, M.D., Ph.D.

9:00  Endovascular Management of Acute Stroke: Current Indications, Techniques and Results
      Daniel Rufenacht, M.D.

9:15  Short Communication

      Eugenio Martelli, M.D., Arnaldo Ippoliti, M.D.
      Division of Vascular Surgery, University of Rome “Tor Vergata”, Italy.

9:20  Panel Discussion and Consensus on Carotid Reconstructions

9:50  Break
**Vascular Grafts, Aortic Disease and Mesenteric Ischemia**

**Moderators:** Csaba Dzsinich, M.D., Ph.D. and Sanjay Misra, M.D.

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<td>10:10</td>
<td>Good for everything very long graft</td>
<td>Francis Robicsek, M.D.</td>
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<td>10:20</td>
<td>Endovascular Repair of Aortic Dissections</td>
<td>Martin Malina, M.D.</td>
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<td>10:30</td>
<td>Open Surgical Treatment for Chronic Mesenteric Ischemia: The European Perspective</td>
<td>Csaba Dzsinich, M.D., Ph.D.</td>
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<tr>
<td>10:40</td>
<td>Endovascular Management of Chronic Mesenteric Ischemia at Mayo Clinic: Progress in Technique, Technology and Results</td>
<td>Gustavo S. Oderich, M.D.</td>
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<td>10:50</td>
<td>Mesenteric and Celiac Artery Stenting: The European Perspective</td>
<td>Kalman Huttl, M.D.</td>
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<td>11:00</td>
<td>Visceral Artery Aneurysms</td>
<td>Arno von Ristow, M.D.</td>
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<td>11:10</td>
<td>Etiology and Medical Treatment of Mesenteric Venous Thrombosis</td>
<td>Waldemar E. Wysokinski, M.D., Ph.D.</td>
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<td>11:20</td>
<td>Panel Discussion</td>
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<td>11:55</td>
<td>Final Remarks</td>
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<td>12:00</td>
<td>Adjournment</td>
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