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 Allegra, 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 Stvrtnova, 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 Kuloo, 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
*R. 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 Tulassy, 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.
Szabova E, Kozarova M, Kneceova 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.

9:30 CTA: Recent Advances in Imaging of PAD  
*Terri J. Vrtiska, M.D.*

9:40 Combined Open Surgical and Endovascular Management of Lower Extremity Arterial Occlusive Disease: Current European Practice  
*Gabor Menyhei, M.D.*

9:50 Femoropopliteal Stenting for PAD: Results of Clinical Trials and Current Mayo Clinic Guidelines  
*Sanjay Misra, M.D.*

10:00 Infrapopliteal Endovascular Arterial Intervention: Current Practice in Central Europe and a View into the Future  
*Kalman Huttl, M.D.*

10:10 Infrapopliteal Endovascular Interventions for Critical Limb Ischemia  
*Joseph J. Ricotta, Jr., II, M.D.*

10:20 Short Communications  *(5 minutes each)*

3. Long-term results with pedal by-pass are excellent and predictable.

*Gunnar Plate, M.D.*

Sweden

4. Treatment of TASC C and D Symptomatic Superficial Femoral Artery Occlusive Disease: Stent versus Above Knee Popliteal PTFE Bypass

The Vascular Group, Albany, NY, USA

5. Endovascular management of iliac artery occlusive disease – a changing strategy  
*Emad A Hussein, M.D.* & *Ali Sabbour, M.D.*
Vascular Surgery Department – Ain Shams University, Cairo – EGYPT

6. Use of mechanical thrombectomy in acute limb ischemia caused by occlusion of bypass grafts in aortic, iliac and femoropopliteal regions  
*Samuel Heller, Miroslav Chochola, Petr Vařejka, Stanislav Beran, Lenka Skalicka*
2nd Department of Internal Medicine of Cardiology and Angiology of General Teaching Hospital of 1st Medical Faculty of Charles University, Prague, Czech Republic

7. Transcutaneous application of human thrombin in treatment of post-catheterization pseudoaneurysmata  
*Jirát Simon, Novotný Karel*, *Magage Sudheera, Semrád Michal*, *Mrázek Vratislav, Linhart Aleš*
Panel Discussion
Consensus Guidelines on Endovascular and Surgical management of PAD
Endovascular and Surgical Management Presenters

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. Taggart, 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 Angiography 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 managment 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., Mišťana D., Huľo E., Červená Z., Smolár M.*

Surgical clinic of MFN, Jessenius faculty of Comenius Univesity 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 Adriantoar, Ismoyo 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. Burbelko, 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.Urbonavicius\textsuperscript{1,2}, G.Urbonaviciene\textsuperscript{2}, E.W.Henneberg\textsuperscript{1}, J.S.Lindholt\textsuperscript{2}, B.Honoré\textsuperscript{3}
\textsuperscript{1}Department of Vascular Surgery, Viborg hospital, Denmark \textsuperscript{2}Vascular Research Unit, Viborg hospital, Denmark \textsuperscript{3}Institute of Medical Biochemistry, Aarhus University, Denmark

16. Aneurysm sac behaviour after endovascular aneurysm repair (EVAR) using the Aorfix\textsuperscript{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
7:30 Reception (Ballroom Foyer)

8:30 Gala Dinner (Ballroom)

**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.

10:10  Good for everything very long graft
Francis Robicsek, M.D.

10:20  Endovascular Repair of Aortic Dissections
Martin Malina, M.D.

10:30  Open Surgical Treatment for Chronic Mesenteric Ischemia: The European Perspective
Csaba Dzsinich, M.D., Ph.D.

10:40  Endovascular Management of Chronic Mesenteric Ischemia at Mayo Clinic:
Progress in Technique, Technology and Results
Gustavo S. Oderich, M.D.

10:50  Mesenteric and Celiac Artery Stenting: The European Perspective
Kalman Hutt, M.D.

11:00  Visceral Artery Aneurysms
Arno von Ristow, M.D.

11:10  Etiology and Medical Treatment of Mesenteric Venous Thrombosis
Waldemar E. Wysokinski, M.D., Ph.D.

11:20  Panel Discussion

11:55  Final Remarks

12:00  Adjournment