

Acknowledgements . . . . .	3
Faculty — USA . . . . .	4
Faculty — International . . . . .	6
Disclosure Information . . . . .	7
Table of Contents . . . . .	9
Schedule . . . . .	13
Map of Hotel . . . . .	20
Exhibitors and Map of Exhibit Floor . . . . .	21

## **OPENING SESSION : SYMPOSIUM ON VASCULAR IMAGING**

Spiral CT	Dr. Semba	23
Interventional MRI	Dr. Debatin	27
Investigating Vascular Disease: Intravascular Ultrasound	Dr. Benenati	31
Peripheral Vascular Surgery with Magnetic Resonance Angiography as the Sole Preoperative Imaging Modality	Dr. Pentecost	35
Color Duplex Imaging of Peripheral Arterial Disease Before Angioplasty or Surgical Intervention	Dr. Bandyk	47

## **SYMPOSIUM ON AORTOILIAC OCCLUSIVE DISEASE**

Natural History of Lower Extremity Ischemia	Dr. Taylor	57
Surgical Treatment of Aortoiliac Occlusive Disease	Dr. Perler	61
Techniques and Results of Iliac PTA/Stents	Dr. Tegtmeier	67
A Technique for Recanalization of the Iliac Artery by Subintimal Dissection Using the Ipsilateral and the Contralateral Approach	Dr. Bolia	75
"Cross-over" Procedures: Indications and Clinical Results	Dr. Odink	79
Endovascular Treatment of Complete Occlusion of the Iliac Arteries	Dr. Schönholz	81
Cost-effectiveness of MRA Angiography in Cases of Limb-Threatening Peripheral Vascular Disease	Dr. Pentecost	83
Multicenter Trial to Evaluate Vascular Magnetic Resonance Angiography of the Lower Extremity	Dr. Pentecost	97
Renal Artery Stents	Dr. Sos	109

## **SYMPOSIUM ON THROMBOLYSIS**

Thrombolytic Therapy - A Practical Approach to Delivery Systems	Dr. Hicks	113
Thrombolysis for the Salvage of Acutely Thrombosed Infra-Inguinal Bypass Grafts: Determinants of Long-Term Success	Dr. Mewissen	117
Outpatient Management of Dialysis Access Fistulas	Dr. Cragg	119
Surgery versus Catheter Directed Thrombolysis for Lower Extremity Bypass Graft Occlusion: Results of Randomized, Prospective Trials	Dr. Comerota	123
The Role of Percutaneous Thromboaspiration	Dr. Wagner	127
Intraoperative Intra-arterial Thrombolytic Therapy	Dr. Perler	131
Thrombolytic Therapy for Acute Stroke	Dr. Kumpe	137

## **SYMPOSIUM ON BRACHIOCEPHALIC INTERVENTION**

Current Status of Carotid Endarterectomy	Dr. Perler	147
--	------------	-----

## **SYMPOSIUM ON VENOUS ACCESS AND ADJUNCTIVE TECHNIQUES**

Venous Access: Overview of Devices and Techniques	Dr. Mauro	153
Arterial Puncture Site Hemostasis Devices	Dr. Vogelzang	157
Unconventional Access Sites	Dr. Mauro	163

## **SYMPOSIUM ON TIPS**

TIPS: Technique, Follow-up, and Covered Stents	Dr. Saxon	167
--	-----------	-----

## **SYMPOSIUM ON INFRAINGUINAL DISEASE**

Subintimal Angioplasty of Femoropopliteal Artery Occlusions: The Long-term Results	Dr. Bolia	171
Subintimal Angioplasty of the Infrainguinal Arterial Occlusions	Dr. Bolia	181
Percutaneous Transluminal Angioplasty of Occlusions of the Femoral and Popliteal Arteries by Subintimal Dissection	Dr. Bolia	185
Subintimal and Intraluminal Recanalisation of Occluded Crural Arteries by Percutaneous Balloon Angioplasty	Dr. Bolia	195
Clinical Long-term Follow-up of Fem-pop Recanalization: Analysis of Factors Influencing Restenosis	Dr. Odink	203
Aggressive Recanalization for Limb Salvage: Cost-efficacy Analysis	Dr. Perler	209

## **SYMPOSIUM ON RESTENOSIS**

Endovascular Prosthetic Biomaterials	Dr. Palmaz	215
Myointimal Hyperplasia and Prophylactic Endovascular Radiotherapy in Peripheral Vessels	Dr. Liermann	219
Endovascular Afterloading with <sup>192</sup> Iridium HDR in the Treatment of Recurrent Intimal Hyperplasia in Stented Peripheral Arteries	Dr. Liermann	221

## **SYMPOSIUM ON STENT-GRAFTS**

Progress in Cardiovascular Prosthetics: The Biomaterial Interface	Dr. Palmaz	239
Endovascular Grafts: Concepts, Problems, Solutions	Dr. Cragg	241
Use of Transluminal Placed Endovascular Grafts in Abdominal Aortic Aneurysms and Vascular Trauma	Dr. Parodi	245
Bifurcated Stent-grafts for Abdominal Aortic Aneurysm	Dr. Chuter	249
Initial Experience with Stentor Implantable Interventional Stent	Dr. Blum	253
Treatment of Budd-Chiari Syndrome by Transjugular Intrahepatic Portosystemic Stent-Shunt: Technical, Hemodynamic and Clinical Results	Dr. Blum	255
Endoluminal Repair of Intrarenal Aortic Aneurysms: First Technical and Clinical Results	Dr. Blum	257
Treatment of Ostial Renal Artery Stenoses with Use of Intravascular Stents: Long-term Results of a Prospective Study	Dr. Blum	259
Treatment of Non-Cavernomatous Portal Vein Thrombosis in Hepatic Cirrhosis by Transjugular Intrahepatic Portosystemic Shunt and Local Thrombolysis	Dr. Blum	261
Clinical Experience with the Mialhe STENTOR Bifurcation for the Treatment of Abdominal Aortic Aneurysm	Dr. Mialhe	263
Morphological Classification of AAAs Being Evaluated for Endovascular Therapy	Dr. Düber	267
Endovascular Stent-graft Treatment of Descending Thoracic Aortic Aneurysms: Mid-term Results	Dr. Dake	271
Endovascular Grafts for Aortic Aneurysms and Other Lesions	Dr. Veith	275
Experience with Transluminal Endograft Placement and Combined Interventional/Surgical Procedures in a Modified Angiographic (Endovascular) Suite	Dr. Katzen	279

<b>Endografts in the Treatment of Abdominal and Thoracic Aortic Aneurysms and Non-Aortic Lesions: MVI Experience</b>	<b>Dr. Becker</b>	<b>283</b>
<b>Endovascular Management of Aortic Dissection: Stents, Stent-Grafts, and Percutaneous Septal Fenestration: Who Gets What, and More Importantly, How Good are They?</b>	<b>Dr. Dake</b>	<b>287</b>
<b>Endovascular Grafts in Combination with Standard Infrainguinal Bypass in the Management of Limb Threatening Ischemia</b>	<b>Dr. Veith</b>	<b>291</b>
<b>Balloon-expandable Endobypass (B.E.E.B.) for Femoral-popliteal Atherosclerotic Occlusive Disease</b>	<b>Dr. Spoelstra</b>	<b>293</b>
<b>Complications of Endovascular Stented Grafts: The Agony after the Ecstasy</b>	<b>Dr. Veith</b>	<b>297</b>

**SYMPOSIUM ON VENOUS DISEASE: DIALYSIS ACCESS MANAGEMENT**

<b>Natural History of Acute Deep Venous Thrombosis</b>	<b>Dr. Comerota</b>	<b>301</b>
<b>Venous Thrombolysis</b>	<b>Dr. Semba</b>	<b>305</b>
<b>Lower Extremity Venous Stents</b>	<b>Dr. Semba</b>	<b>315</b>
<b>Venous Thrombectomy: Its Role in 1996</b>	<b>Dr. Comerota</b>	<b>321</b>
<b>Results of Phase One and Phase Two Trials of the Possis Angiojet System</b>	<b>Dr. Hicks</b>	<b>327</b>
<b>Initial Experience with Rheolytic Therapy</b>	<b>Dr. Wagner</b>	<b>329</b>
<b>Thrombolysis and Angioplasty for the Treatment of Failed and Failing Hemodialysis Access Sites</b>	<b>Dr. Kumpe</b>	<b>333</b>
<b>Inferior Vena Cava Filters</b>	<b>Dr. Roberts</b>	<b>341</b>
<b>Complications of IVC Filters</b>	<b>Dr. Mauro</b>	<b>347</b>