

Vascular Access Society 6TH Congress

Rome (Italy), 2009 April 20-22



President

Salvatore Di Giulio

Scientific Secretariat

*Maurizio Gallieni,
Giuliano Brunori*



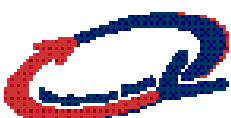
Vanvitelli (1653-1736) "Rome, Tiber View"

R o m e

20 - 22
a p r i l
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Venue

Aurelia Convention Centre & Expo
Via di Torre Rossa, 94 - 00165 Rome



Vascular Access Society
6TH Congress

The Vascular Access Society (VAS) was founded on 30 October 1997, during the 3rd International Congress on Access for Dialysis in Maastricht, the Netherlands.

The purpose of the Society is to relieve sickness and to preserve and protect health of dialysis patients by advancing for the public benefit the science and research into haemodialysis vascular access.

VAS has the following objects: to promote or conduct research into haemodialysis vascular access and to disseminate results of such research, to hold meetings, seminars and conferences, to raise interest in the field of hemodialysis vascular access, to promote and conduct basic and clinical research.

The VAS organizes an International Congress every two years in one of the Countries in Europe, after Tours (1999), London (2001), Lisbon (2003) Berlin (2005) and Nice in 2007 the actual Congress is in Rome 20-22 april 2009.

Moreover every year a Vascular Access Course will be held in an European City.

The VAS is a multidisciplinary society which is of interest to nephrologists, surgeons, interventional radiologists, nurses, vascular and radiological technologists and operation theatre nurses.

The program of the 6th VAS Congress will update recent advances in vascular access for hemodialysis with multidisciplinary scientific contributions coming from Europe, Japan and America.

Welcome in Rome to the

6th Congress of the Vascular Access Society.

*Salvatore Di Giulio
Maurizio Gallieni
Giuliano Brunori*



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*ACKNOWLEDGEMENTS TO THE ITALIAN EXPERTS
OF VASCULAR ACCESS ATTENDING
THE 6TH CONGRESS OF VASCULAR ACCESS SOCIETY*

*Giuseppe Bacchini
Carlo Basile
Luisa Berardinelli
Giuseppe Bonforte
Giuliano Brunori
Antonio Carnabuci
Fosco Cavatorta
Luigi Coli
Michele Di Dio
Giacomo Forneris
Antonio Freyrie
Maurizio Gallieni
Massimiliano Gessaroli
Salvatore Mandolfo
Irene Morelli
Massimo Morosetti
Francesco Quarello
Roberto Palumbo
Basso Parente
Nicola Pirozzi
Antonio Sturniolo
Luigi Tazza*

Local Committee

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Antonio Carnabuci
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Raffaele Lanzetta
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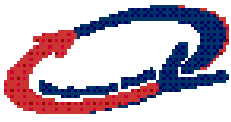
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Vascular Access Society

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COUNCIL OF THE VASCULAR ACCESS SOCIETY

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Matthias Widmer (Vascular Surgeon, Bern, Switzerland)

Teun Wilmink (Vascular Surgeon, Birmingham, UK)



APRIL 20 - 2009

Overview

| | AUDITORIUM MICHELANGELO | BERNINI ROOM | BORROMINI ROOM |
|--------------|---|--------------------------------------|---|
| 8:00 | Welcome to the 6 th Congress of the VAS | | |
| 8:15 | Session 1: Arterio-venous (AV) fistula maturation, early failure, thrombosis | | |
| 10:00 | <i>Coffee break</i> | | |
| 10:30 | Session 2: Planning, creation and maintenance of the AV fistula | Oral Communications from 1 to 12 | VAS TUBE Free Access for Vascular Access |
| 12:30 | Vascular Access Society Award and Honorary Lecture: <i>History of Vascular Access for Haemodialysis. Lessons learned from the past to face the challenge of the future</i> | | |
| 13:00 | Poster Lunch in the Raffaello Hall from 1 to 50 | | |
| 14:30 | Session 3: Lecture: Uptade on Vascular Access for Hemodialysis: from recommendation to practice and outcomes | | |
| 15:30 | <i>Coffee break</i> | | |
| 16:00 | Session 4: Arterio-Venous Graft | Oral Communications from 13 to 21 | |
| 18:30 | VAS General Assembly | | |

Scientific Program

MONDAY, APRIL 20 - 2009

AUDITORIUM

8.00 Welcome to the 6th Congress of the Vascular Access Society

S. Di Giulio, M. Malovrh

SESSION 1

ARTERIO-VEINUS (AV) FISTULA MATURATION, EARLY FAILURE, THROMBOSIS

Chair: *M. Malovrh, P. Bourquelot*

8.15 Maturation of AV fistulae and early failure: prediction and treatment

J. Tordoir

8.45 Inadequate maturation of the radio-cephalic AV fistula

A. Freyrie

9.05 Interventional radiology in immature AV fistula

L. Duijm

9.25 Clopidogrel and early failure of AV fistula

M. Tonelli

9.35 Discussion

10.00 Coffee Break

AUDITORIUM

SESSION 2

PLANNING, CREATION AND MAINTENANCE OF THE AV FISTULA

Chair: *M. Glickman, N. Planken*

- 10.30 **Pre-op and post-op duplex assessment of arteries, veins and shunts**
M. Malovrb
- 10.50 **Flow distribution in AV fistula**
A. Bakran
- 11.10 **Prevention of juxta-anastomotic stenosis during AV fistula construction**
S. Shenoy
- 11.30 **Access flow monitoring to detect stenosis in hemodialysis access**
M. Tonelli
- 11.50 **Conservative surgical treatment of true aneurysm in AV fistula: technical and histological aspects**
I. Morelli
- 12.10 *Discussion*

VASCULAR ACCESS SOCIETY AWARD AND HONORARY LECTURE

Chair: *V. Mickley, S. Di Giulio*

- 12.30 *“History of Vascular Access for Haemodialysis. Lessons learned from the past to face the challenge of the future”*
K. Konner



BERNINI ROOM

10.30-12.30 ORAL COMMUNICATIONS (from 1 to 12)

Chair: **I. Davidson, M. Morosetti**

- OC 1 OUTCOME OF ARTERIOVENOUS FISTULA (AVF) PLANNING AND CREATION IN OBESE ESRD PATIENTS
S. Shenoy, K. Hardinger, L. Kuo
- OC 2 PROXIMAL ARTERIOVENOUS FISTULA: FROM SECOND TO THE MOST COMMON CHOICE
L. Baldrati, F. Catapano, D. Docci, A. Giudicissi, L. Neri, C. Feletti, G.U. Turicchia
- OC 3 VASCULAR ACCESS IN ELDERLY PATIENTS: ONE SINGLE ITALIAN CENTRE EXPERIENCE
A. Bandera, F. Valente, C. Venturelli, P. Veniero, R. Zubani, G. Brunori
- OC 4 PREDICTING PERITONEAL DIALYSIS FAILURE TO FACILITATE VASCULAR ACCESS PLANNING
G. Chiarelli, L. Er, M. Beaulieu, A. Levin, S. Singh, A. Jamal, P.A. Taylor, M. Gallieni
- OC 5 OUTCOME OF EMERGENCY SALVAGE PROCEDURES FOR ARTERIO-VEIN FISTULAE
A. Guy, M. Ahmad, A. Wilkink, M.X. Gannon, J.M. Scriven
- OC 6 PROSPECTIVE EVALUATION OF ISCHEMIA IN BRACHIAL-BASILIC AND FOREARM PROSTHETIC ARTERIOVENOUS FISTULAS
X.H.A. Keuter, A. Bode, A.G.H. Kessels, F.M. van der Sande, J.H.M. Tordoir
- OC 7 AUTOGENOUS BRACHIAL-BRACHIAL FISTULA FOR VEIN ACCESS. HAEMODYNAMIC FACTORS PREDICTING OUTCOME AND ONE YEAR CLINICAL DATA
C. Lioupis, H. Mistry, P. Chandak, M. Tyrrell, D. Valenti
- OC 8 SURVEILLANCE OF ARTERIOVENOUS FISTULA WITH QB STRESS TEST AND CLINICAL MONITORING: RESULTS AFTER 22 MONTHS OF FOLLOW-UP
D. Martinelli, D. Pogliani, S. Mangano, S. Brenna, L. Bernardi, G. Bonforte

- OC 9 INTRAOPERATORY ANGIOPLASTY OF ARTERIAL STENOSIS REDUCE INCIDENCE AND PREVALENCE OF PROXIMAL ARTERIOVENOS FISTULAS?
M. Napoli, A. Montinaro, F. Russo, AL. Antonaci, A. De Pascalis, M. Carbonara, E. Buongiorno
- OC 10 THE IUXTA-ANASTOMOTIC STENOSIS OF ARTERIOVENOUS FISTULAS: SURGICAL TREATMENT VERSUS PTA
M. Napoli, R. Prudenzano, F. Russo, A.L. Antonaci, A. De Pascalis, A.R. Valletta, E. Buongiorno
- OC 11 NATURAL HISTORY OF STENOSIS DEVELOPMENT IN AUTOLOGOUS UPPER LIMB FISTULAE
G. Ponnuehu, N. Henderson, R. Vint, R. Ross, R. Tootill, A. Howd, G. Griffiths, J. Nagy
- OC 12 VASCULAR ACCESS USING THE SUPERFICIAL FEMORAL VEIN
J.M. Scollay, R.J.E. Skipworth, J. Nagy, G.D. Griffiths, A. Howd



RAFFAELLO HALL

13.00-14.30 POSTER SESSION (from 1 to 50)

- P 1** ANEURYSM AND PSEUDOANEURYSM OF VASCULAR ACCESS: IS IT A RARE COMPLICATION OF VASCULAR ACCESS?
J. Adam, A. Jankovic, M. Ilic, T. Juloski, B. Donfrid, S. Sekulic, J. Popovic, N. Dimkovic
- P 2** BASILIC VEIN TRANSPOSITION
M. Aksoy, IC. Sormaz, S. Baktiroglu, Y. Ozdenkaya
- P 3** EARLY MECHANICAL FAILURE OF A TUNNELED CATHETER (tCVC) FOR HAEMODIALYSIS: A MICROSTRUCTURAL INVESTIGATION BY SCANNING ELECTRON MICROSCOPY
A. Bandera, F. Valente, I. Caola, P. Caciagli, F. Tessarolo, G. Nollo, G. Brunori
- P 4** BOTTON HOLE VENIPUNCTURE: PRELIMINARY EXPERIENCE
Barbieri E., Galli S., Zollo A., Cavatorta F.
- P 5** COMPARISON OF THE ANALGESIC EFFECT OF KETAMINE ADDED TO LOCAL ANESTHESIA FOR POSTOPERATIVE PAIN AFTER ARTERIOVENOUS FISTULA PLACEMENT
A.A. Beigi, H. Masoudpour, E.F. Khademi
- P 6** LOW INCIDENCE OF CATHETER RELATED INFECTIONS WITH A TWO OPERATORS' STERILE PROTOCOL FOR THE CONNECTION AND DISCONNECTION PROCEDURES
S.V. Bertoli, M. Villa, C. Musetti, D. Ciurlino
- P 7** CREATION OF THE FIRST ARTERIOVENOUS ACCESS FOR HAEMODIALYSIS USING MICROSURGERY: RESULTS OF A PROSPECTIVE STUDY
P. Bourquelot, J. Gaudric, L. Turmel-Rodrigues, G. Franco, O. Van Laere, A. Raynaud
- P 8** ULTRASONOGRAPHY MAPPING OF BLOOD VESSELS BEFORE ARTERIOVENOUS FISTULA CONSTRUCTION IN PEDIATRIC PATIENTS WITH END-STAGE RENAL DISEASE
J. Buturovic-Ponikvar, V. Peri, R. Rus, R. Ponikvar
- P 9** MONITORING VASCULAR ACCESS: 8 YEAR FOLLOW-UP
P. Caro, R. Amann, B. Gil-Casares, R. Delgado, J. Grimalt

- P 10 THE WIDESPREAD USE OF CENTRAL VENOUS CATHETERS (CVCS)
F. Cavatorta, S. Galli
- P 11 LOCATING A VASCULAR CATHETER TIP USING A NEW DEVICE
L. Cencioni, E. Fumi
- P 12 USE OF SHELVING NO-REACT BOVINE INTERNAL MAMMARY ARTERY FOR VASCULAR ACCESS IN CHRONIC HEMODIALYSIS PATIENTS: LONG TERM RESULTS
U. Cetingok
- P 13 LONGITUDINAL OR TRANSVERSE: WHICH IS THE IDEAL INCISION FOR UPPER LIMB AUTOLOGOUS VASCULAR ACCESS?
Chandak P., Mistry H., C. Junghans, Lioupis C., Tyrrell M., Valenti D.
- P 14 TWO STEP IMPLANTATION OF BRACHIO-BASILIC ARTERIO-VEIN PROSTHETIC LOOP GRAFT FOR HEMODIALYSIS
Donfrid B.
- P 15 ROUTINE PRE-OPERATIVE ULTRASOUND IMPROVES PATENCY AND ADEQUACY OF ARTERIOVENOUS FISTULAE FOR HAEMODIALYSIS: A RANDOMISED STUDY
Ferring M., Claridge M., Richardson C., Powers S., Henderson J., Bradbury AW., Wilkink T., Smith S.A.
- P 16 PRACTICAL UTILITY OF ON-LINE CLEARANCE AND BLOOD TEMPERATURE MONITORS AS NON-INVASIVE MEASUREMENT OF HEMODIALYSIS BLOOD ACCESS FLOW
N. Fontseré, M. Blasco, F. Maduell, M. Arias, M. Vera, X. Barros, J. Garro, T. Blanco, E. Bergadá, A. Cases, J.M. Campistol
- P 17 BOVIN URETER (SYNERGRAFT 100) AS VASCULAR ACCESS: A REAL STEP FORWARD? EXPERIENCE IN 5 CENTERS
G. Forneris, A. Agostinucci, A. Gaiter, C. Navino, C. Sicuso, G. Giorcelli



- P 18** VASCULAR ACCESSSES (VAs) FOR HEMODIALYSIS (HD) IN THE PIEDMONT REGION AND THE AOSTA VALLEY: PRESENTATION OF AUDIT RESULTS
G. Forneris, O. Filiberti, M. Borzumati, V. Alfieri, M. Francisco, F. Goia, G. Demicheli, A. Gaiter, Gm. Bosticardo, S. Cusinato, G. Ettari, G. Calabrese, A. Pacitti, M. Salomone, P. David, A. Serra, S. Maffei, S. Meinero, N. Giotta, M. Timbaldi, G. Giorcelli, A. Marciello, S. Ferrero
- P 19** ROLE OF CRYOPRESERVED VESSELS IN HAEMODIALYSIS ACCESS
P. Frigatti, M. Menegolo, M. Antonello, E. Molon, I. Morelli
- P 20** CO₂-PHLEBOGRAPHY - PREFERRED METHOD WHILE PLANNING THE FIRST VASCULAR ACCESS PROCEDURE
F. Frizen, G. Krönung
- P 21** ORAL ANTICOAGULANT THERAPY IN THE CENTRAL VENOUS CATHETER AT LONG PERMANENCE
C. Galderisi, A. Cecilia, M. Tomaselli, P. Polito
- P 22** CENTRAL VENOUS STENOSIS: STENT PLACEMENT (PTS) VS. TRANSLUMEN PERCUTANEOUS ANGIOPLASTY (PTA)
C. Galderisi, A. Cecilia, M. Tomaselli, P. Polito
- P 23** ASSESSMENT OF UPPER EXTREMITY VENOUS AND ARTERIAL VASCULATURE USING VENOGRAPHY AND ULTRASONOGRAPHY PRIOR TO HAEMODIALYSIS VASCULAR ACCESS CREATION
J. García-Medina, N. Lacasa, S. Muray, V. García-Medina
- P 24** VASCULAR ACCESS IN DIABETIC PATIENTS ON HEMODIALYSIS- OVERVIEW OF CENTRAL VENOUS CATHETERS
V. Gerasimovska, A. Oncevski, B. Gerasimovska-Kitanovska, A. Sikole
- P 25** AN UNUSUAL COMPLICATION OF QUINTON PERMCATH
Ghafari A., Makhdoomi Kb.
- P 26** BASILIC VEIN TRANSPOSITION FISTULA IN THE FOREARM: A NEGLECTED AUTOLOGOUS ARTERIOVENOUS FISTULA FOR DIALYSIS
L. Giovannacci, J.C. Van den Berg, S. Sommaruga, R. Canevascini, R. Rosso

- P 27 UNDERUSED OPTION FOR AUTOLOGOUS AV FISTULA IN THE FOREARM
J. Glowinski, I. Glowinska, J. Malyszko, M. Gacko
- P 28 CAN WE IMPROVE SURVIVAL OF VASCULAR ACCESS BY BETTER NEPHROLOGIST - VASCULAR SURGEON CO-OPERATION?
J. Glowinski, I. Glowinska, J. Malyszko, M. Gacko
- P 29 IMPLEMENTATION OF A COMPUTERIZED VASCULAR ACCESS PROGRAMME IMPROVE VASCULAR ACCESS SURVEILLANCE
E. Gruss, E. Rubio, A. Tato, M. Andrés, S. Martínez, T. Hernández, P. Jiménez, M.A. Moreno, M.D. Piña, M.C. Gago, J Portolés
- P 30 AN EFFICIENT STRATEGY TO DECREASE THE CENTRAL VENOUS CATHETER-RELATED ADVERSE EVENTS RATE IN HAEMODIALYSIS PATIENTS
G. Jean, T. Vanel, E. Bresson, J.-C. Terrat, J.-M. Hurot, C. Lorriaux, B. Mayor, C. Chazot
- P 31 ULTRASOUND-GUIDED PLACEMENT OF HEMODIALYSIS CENTRAL VENOUS CATHETERS PERFORMED BY SURGICAL TRAINEES IN A TEACHING HOSPITAL
M. Hameeteman, A. Bode, A. Peppelenbosch, F. van der Sande, J. Tordoir
- P 32 ARTERIOVENOUS FISTULA CONSTRUCTION AND MANAGEMENT STRATEGY ACCORDING TO THE GUIDELINES OF THE JAPANESE SOCIETY FOR DIALYSIS THERAPY
H. Haruguchi, S. Obira
- P 33 THE ACCESS CLINIC: MONITORING AND MAINTAINING THE VASCULAR ACCESS
N. Hauge, U. Møldrup, J.D. Jensen, S.E. Petersen
- P 34 HUMERAL VEIN FOR ARTERIOVENOUS FISTULA
C. Helgiu, I. Boca, A. Helgiu
- P 35 VEIN CUFFS FACILITATE REMOVAL OF PROSTHETIC DIALYSIS ACCESS GRAFTS
Henderson N., Howd A., Nagy N., Griffiths G.D.
- P 36 NEW VASCULAR IMAGING; THREE-DIMENSIONAL CT ANGIOGRAPHY FOR PREOPERATIVE EVALUATION OF HEMODIALYSIS VASCULAR ACCESS TROUBLE
Hirotsani S., Nakajima I., Fuchinoue S., Teraoka S.



- P 37** ACCIDENTAL RUPTURE OF THE BRACHIAL VEIN WITH AV FISTULA: A CASE REPORT
S. Hori, N. Murotani, S. Hikita, Y. Matsuda, A. Tsuchiya, T. Shimada, H. Nishijima
- P 38** INCREASE OF ANGIOPLASTY SURVIVAL IN NATIVE VASCULAR ACCESS AFTER TREATMENT BY PROTOCOL FOLLOWING THE EDTA/DOQI/VAS GUIDELINES: ANGIOPLASTY ONLY IF THERE IS NO INDICATION OF REANASTOMOSIS. A PROSPECTIVE 5 YEAR FOLLOW UP STUDY
J. Ibeas, J. Vallespin, J.R. Fortuño, A. Rodriguez-Jornet, J. Branera, C. Grau, N. Ramirez, I. Granados, A. Mateos, V. Gimeno, J. Merino, L. Betancourt, N. Martin, J. Perandreu, J. Falco, A. Gimenez, M. Garcia
- P 39** COMPARATION OF ANATOMICAL VARIATION OF THE INTERNAL JUGULAR VEIN BETWEEN 100 PATIENTS IN DIALYSIS VERSUS 100 PATIENTS THAT NEVER HAVE BEEN IN DIALYSIS: THE HIGH BASAL LEVEL OF ANATOMICAL VARIATIONS IS INCREASED IN THE DIALYSIS PATIENT BY PREVIOUS CATHETERIZATIONS. MUST BE ULTRASOUND AN ELEMENTARY DEVICE IN DIALYSIS UNITS?
J. Ibeas, A. Rodríguez-Jornet, C. Moya, M. Fernandez, M. Marcet, L. Betancourt, N. Martín, J.C. Martínez-Ocaña, M. P. Valenzuela, M. García
- P 40** VERY SEVERE ISCHEMIA OF HAND BY STEAL SYNDROME WITH COMPROMISED RADIAL AND ULNAR VASCULARIZATION RECOVERED AFTER REALIZATION OF DRIL TECHNIQUE IN A STEAL SYNDROME IN A FISTULA
J. Ibeas, J. Vallespin, E. Gonzalez, A. Rodriguez-Jornet, J. Perandreu, L. Betancourt, N. Martín, C. Grau, N. Ramirez, I. Granados, A. Gimenez, M. García
- P 41** MANAGEMENT OF VASCULAR ACCESS WAITING LIST FOR SURGERY: RESULTS AFTER THE INCORPORATION OF A PROTOCOL OF PRIORITIES DEMONSTRATE A 80% OF PATIENTS STARTING HEMODIALYSIS BY NATIVE FISTULA AND 80% OF REPARATIONS ON HEMODIALYSIS WITHOUT NECESSITY OF CATHETER. A 2 YEAR EXPERIENCE
J. Ibeas, J. Vallespin, J.R. Fortuño, C. Grau, N.A. Rodriguez-Jornet, J. Branera, I. Granados, N. Ramirez, N. Martin, L. Betancourt, P. Bermudez, J. Perandreu, J. Merino, J. Falco, A. Jiménez Gaybar, M. García

- P 42 VASCULAR ACCESS FOR HEMODIALYSIS: EXPERIENCE OF SINGLE TERTIARY CENTER
A. Jankovic, M. Ilic, T. Juloski, B. Donfrid, J. Adam, S. Sekulic, J. Popovic, N. Dimkovic
- P 43 A MULTIDISCIPLINARY APPROACH TO GRAFT DISFUNCTION
P. Jiménez-Almonacid, E. Gruss, M. Lasala, J.A. Rueda, A. Tato, J.M. Portolés, T Hernández, J. Armijo, C.P. López, C. García, M. Ramos, M. Jiménez, A. Quintáns
- P 44 THE ARTERIOVENOUS FISTULA (AVF) IN HEMODIALYSIS PATIENTS: ACCESS FLOW MEASUREMENTS AND THEIR VARIATIONS
S. Kapun
- P 45 HOW MANY SURGICAL THROMBECTOMIES ON SINGLE POLYTETRAFLUOROETHYLENE (PTFE) GRAFT IS TOO MUCH
B. Kersnič, J. Buturovic-Ponikvar, V. Premru, M. Malovrb, R. Ponikvar
- P 46 SUBCLAVIAN AND INTERNAL JUGULAR VENOUS THROMBOSIS AFTER CATHETERIZATION IN HEMODIALYSIS PATIENTS
M. Khavanin zadeh, M. Alemrajabi, F. Gholipour
- P 47 PREVALENCE AND SURVIVAL OF ARTERIOVENOUS FISTULA AND GRAFT IN END STAGE RENAL DISEASE PATIENTS OF TEHRAN, IRAN
M. Khavanin zadeh, F. Gholipour
- P 48 INSERTION OF THE CENTRAL VEIN CATHETER (CVC) FOR HAEMODIALYSIS WITH SONOGRAPHIC GUIDANCE: EXPERIENCE OF A SINGLE SURGEON
J. Kowalczyk
- P 49 RETROSPECTIVE STUDY OF TRISODIUM CITRATE 46.7% AS CATHETER LOCKING SOLUTION IN HAEMODIALYSIS PATIENT
R. Lagaac, J. Jenkins, C. Daniels, S. Ojba, N. Pritchard
- P 50 EARLY CREATION OF AN ARTERIOVENOUS FISTULA (AVF) IN PRE-END STAGE RENAL DISEASE (ESRD) POPULATION: A SINGLE CENTER EXPERIENCE
P. Lentini, F Nalesso, M. de Cal, F. Garzotto, F. Basso, M. Zanella, A. Brendolan, M. Zaramella, D. Cruz, C Ronco



AUDITORIUM

SESSION 3

Lecture

Chair: **J. Tordoir, M. Malovrb**

14.30 *Update on Vascular Access for Hemodialysis:
from recommendations to practice and outcomes*
B. Canaud

15.15 *Discussion*

15.30 *Coffee Break*

SESSION 4

ARTERIO-VEINUS GRAFT

Chair: **M.K. Widmer, A. Bakran**

16.00 **Use of AV grafts in Europe**
J. Tordoir

16.20 **Use of AV grafts in USA**
A.F. Schild

16.40 **Use of AV grafts in Japan**
H. Haruguchi

17.00 **Bypass grafts in vascular access
for haemodialysis: is there a viable
alternative to PTFE?**
E. Chemla

17.20 **Past, present and future of PTFE graft**
M. Gessaroli

17.40 **What is new in prosthetic AV grafts?**
M. Glickman

18.00 *Discussion*

18.30 **VAS GENERAL ASSEMBLY**

BERNINI ROOM

16.00-18.00 ORAL COMMUNICATIONS (from 13 to 21)

Chair: **T. Pourchez, L. Tazza**

- OC 13 USE OF THE EXTERNAL JUGULAR VEIN FOR CENTRAL VENOUS CATHETERIZATION AS A PREFERRED ACCESS SITE IN PEDIATRICS
A.A. Beigi, H. Masoudpour, E.F. Khademi
- OC 14 HEMODIALYSIS TUNNELLED CATHETERS IN THE EXTERNAL JUGULAR VEIN - AN ALTERNATIVE APPROACH
A. Natario, P. Cruz, C. Rocha, C. Barreto, J. Vinbas
- OC 15 REDUCTION OF BIOFILM FORMATION WITH TRISODIUM CITRATE IN HEMODIALYSIS CATHETERS: A RANDOMIZED CONTROLLED TRIAL
J.W. Bosma, M.C. Weijmer, P.G.H. Peerbooms, C.E.H. Siegert
- OC 16 CENTRAL VENOUS CATHETER INSERTION THROUGH OCCLUDED OR COLLATERAL VEINS: TECHNIQUES AND OUTCOMES
T.Y. Chan, R.S. Bhat, K. Lam, P. Litter, N. Cullen, P. Connolly, A. Bakran, A. Patel, S. Powell
- OC 17 RISK OF NOSOCOMIAL EVENTS IN PATIENTS ON CHRONIC HEMODIALYSIS - FEMORAL VS JUGULAR TUNNELED CATHETERS
V. Gerasimovska, A. Oncevski, B. Gerasimovska-Kitanovska, A. Sikole
- OC 18 SPLIT TIP, STEP TIP TUNNELLED CATHETER OR A COMBINATION OF BOTH? A SYSTEMATIC MONITORING PROTOCOL FOR PROVING ADVANTAGES AND DISADVANTAGES. A 4 YEARS PROSPECTIVE FOLLOW UP STUDY
J. Ibeas, A. Rodríguez-Jornet, J.R. Fortuño, J. Branera, M. Fernandez, C. Moya, A. Mateo, V. Gimeno, M. Marcet, P. Bermúdez, N. Martín, L. Betancourt, J. Perandreu, J. Falcó, M. García
- OC 19 CANNULATION OF THE VASCULAR ACCESS: FACTORS DETERMINING SUCCESSFUL CANNULATION
M.M. van Loon, A.G.H. Kessels, F.M. van der Sande, J.H.M. Tordoir



- OC 20 EVALUATION OF A REORGANISATION
OF THE PROVISION OF VASCULAR ACCESS SERVICE
*T. Wilmink, S. Powers, C. Allen, P. George, M. Scriven,
M. Gannon, S. Smith*
- OC 21 TRANSFORMATION OF A VASCULAR ACCESS
SERVICE: COLLABORATION NOT REVOLUTION
*S. Powell, P. Connolly, J. Harper, N. Cullen,
D. Gould, A. Bakran*



APRIL 21 - 2009

Overview

| | AUDITORIUM MICHELANGELO | BERNINI ROOM | BORROMINI ROOM |
|--------------|---|--------------------------------------|----------------|
| 8:00 | | Oral Communications from 22 to 31 | |
| 8:05 | Session 1: Ischemia and Vascular Access | | |
| 9:45 | <i>Coffee break</i> | | |
| 10:30 | Session 2: Thrombosis and Infection | Oral Communications from 32 to 43 | |
| 12:30 | State of the Art Lecture | | |
| 13:00 | Poster Lunch in the Raffaello Hall from 51 to 100 | | |
| 14:30 | Session 3: Educational Issues in Vascular Access | Oral Communications from 44 to 49 | |
| 15:30 | <i>Coffee break</i> | | |
| 15:45 | Session 4: Dialysis Access Simulation Project | Oral Communications from 50 to 60 | |
| 16:30 | Interactive Session: Crew Resource Management (CRM) applied to medicine | | |

**VAS TUBE
Free Access
for
Vascular Access**

Scientific Program

TUESDAY, APRIL 21 - 2009

AUDITORIUM

SESSION 1

ISCHEMIA AND VASCULAR ACCESS

Chair: *P. Bourquelot, M. Ferreira*

- 8.05 **Dialysis access steal syndrome: etiologic mechanisms and diagnostic techniques**
J. Malik
- 8.25 **Radiological treatment in steal syndrome**
L. Dujim
- 8.45 **Clinical case presentation**
B. Dolmatch
- 9.05 **Surgery in steal syndrome**
V. Mickley
- 9.25 *Discussion*
- 9.45 *Coffee Break*

AUDITORIUM

SESSION 2

THROMBOSIS AND INFECTION

Chair: *T. Wilmink, H. Kawanishi*

- 10.30 **Coagulation, anti-coagulation
in vascular access**
S. Rota
- 10.50 **Graft and AV fistula infections**
A.F. Schild
- 11.10 **Catheter related infections**
J. Pengloan
- 11.30 **Antibiotic treatment in vascular
access infection**
L. Scudeller
- 12.00 *Discussion*

State of the Art Lecture

Chair: *M. Malovrh, A.F. Schild*

- 12.30 *Vascular access in children*
P. Bourquelot
- 12.50 *Discussion*
- 13.00 **POSTER LUNCH**



BERNINI ROOM

8.00-10.30 ORAL COMMUNICATIONS (from 22 to 26)

Chair: ***M. Gallieni, H. Haruguchi***

- OC 22 CHANGING TRENDS IN DIALYSIS ACCESS:
40 YEARS OF EXPERIENCE
A.F. Schild, E. Gillaspie, J. Fuller, P. Collier
- OC 23 ARTERIOVENOUS FISTULA PATENCY
IN HEMODIALYSIS PATIENTS: ROLE OF ACE
AND ADDUCIN GENES
*C. Lanzani, M. Melandri, C. Tantardini, G. Slaviero,
S. Delli Carpini, L. Persichini, D. Spotti, P. Manunta*
- OC 24 RECOMBINANT THROMBIN IS A SAFE, EFFECTIVE,
AND SIMPLE ADDITION TO THE HEMOSTATIC
ARMAMENTARIUM
A.F. Schild, W.A. Alexander, T. Zhang
- OC 25 RECOMBINANT HUMAN PANCREATIC ELASTASE
(PRT-201) DILATES THE ARTERIOVENOUS GRAFT
(AVG) OUTFLOW VEIN AND INCREASES GRAFT
BLOOD FLOW IN A PORCINE FEMORAL AVG MODEL
*S.K. Burke, H.V. Mendenhall, A.W. La Rochelle,
F.N. Franano*
- OC 26 MULTI-SLICE COMPUTED TOMOGRAPHIC
ANGIOGRAPHY FOR STENOSIS DETECTION IN
FOREARM HEMODIALYSIS ARTERIOVENOUS FISTULAS
*P.P.G.M. Rooijens, G.P. Serafino, D. Vroegindeweij,
R. Dammers, T.I. Yo, A.A.E.A. de Smet, J.H.M. Tordoir*

Case Report Session (from 27 to 31)

- OC 27 MULTI-SLICE COMPUTED TOMOGRAPHIC
ANGIOGRAPHY IN DIAGNOSIS OF CENTRAL VEIN
OCCLUSION OF VASCULAR ACCESSES
FOR HEMODIALYSIS
B. Donfrid, S. Pervulov, O. Lozance, N. Dimkovic
- OC 28 TRANS-ARTERIAL APPROACH TO TREAT RADIAL
ARTERY LESIONS IN DYSFUNCTIONAL WRIST FISTULAS
N. Atray

- OC 29 A RARE MANIFESTATION OF A VASCULAR ACCESS DYSFUNCTION
C. Nogueira, R. Machado, C. Vaz, T. Loureiro, L. Loureiro, J. Tavares, N. Matos, R. Almeida
- OC 30 AN UNUSUAL CASE OF ARTERIO VENOUS FISTULA RESCUE: LYMPHANGIOMATOSIS
F. Basso, P. Lentini, A. Brendolan, F. Nalesso, M. Zanella, F. Garzotto, M. Zaramella, R. Negrin, S. Soni, D. Cruz, C. Ronco
- OC 31 RESCUE OF AN AXILLARY-AXILLARY ARTERIOVENOUS GRAFT NOT AMENABLE TO ENDOVASCULAR INTERVENTION BY FORMATION OF AN AXILLARY LOOP
A.E. Frampton, M. Hossain, A.H. Jabromi, M. Morsy, E.S. Chemla

10.30-13.00 ORAL COMMUNICATIONS (from 32 to 43)

Chair: **E. Chemla, G. Bacchini**

- OC 32 MIDDLE ARM ARTERIOVENOUS FISTULA: A RELIABLE AND SAFE HEMODIALYSIS ACCESS TO PRESERVE VASCULAR VESSELS
F. Capurro, C. Navino, P. David, M. Brustia, M. De Maria, A. De Mauri, M. Conte D. Chiarinotti, C.E. Ruva, M. De Leo
- OC 33 WRIST ARTERIOVENOUS FISTULA VERSUS MIDDLE ARM ARTERIOVENOUS FISTULA IN THE ELDERLY DIALYSIS PATIENTS
F. Capurro, C. Navino, P. David, M. Brustia, M. De Leo
- OC 34 NATIVE VASCULAR ACCESS FOR HEMODIALYSIS IN DIABETIC PATIENTS: A SINGLE CENTRE EXPERIENCE
P. David, C. Navino, F. Capurro, D. Chiarinotti, C. Ruva, M. De Maria, M. Conte, A. De Mauri, M. Brustia, M. De Leo
- OC 35 HEPARIN COATED PTFE GRAFTS OFFER A 20% SURVIVAL BENEFIT
I. Davidson
- OC 36 HEPARIN-BONDED GRAFT (PROPATEN®) VERSUS STANDARD GRAFT IN PROSTHETIC ARTERIOVENOUS ACCESS
D. Shemesh, I. Goldin, I. Zaghal, D. Berelowitz, A. Verstandig, O. Olsba



- OC 37 THE ARTERIOVENOUS “BI-FLOW” PTFE GRAFT FOR HEMODIALYSIS
M. Heise, C. Foltys, A. Rabsch, U. Settmacher
- OC 38 ULTRASOUND GUIDED ANGIOPLASTY FOR AV ACCESS
H. Haruguchi, T. Tsuchida, Y. Yagi, A. Koyama, Y. Iijima
- OC 39 PERCUTANEOUS DUPLEX-GUIDED BALLOON CRYOPLASTY: A NEW THERAPY FOR RAPIDLY RECURRENT ANASTOMOTIC VENOUS STENOSES OF HEMODIALYSIS GRAFTS
G. Bacchini, G. Pontoriero, V. Pozzoni, E. Rocchi, C. Milani, F. Locatelli
- OC 40 LONG TERM SAFETY AND EFFICACY OF TOPICAL SIROLIMUS FOR PROLONGING AVG PATENCY (ePTFE GRAFT + COLL- R) - INITIAL CLINICAL EXPERIENCE
S. Shenoy, N. Kipshidze, K. Kipiani, N. Beridze, M.V. De Vita, W.D. Paulson, S.S. Iyer
- OC 41 PTA OF NATIVE AVF: EFFECT OF RESIDUAL STENOSIS ON PATENCY SURVIVAL RATE
T. Nakagawa, D. Ichikawa, T. Watanabe
- OC 42 DOPPLER ULTRASOUND GUIDED BALLOON ANGIOPLASTY OF INADEQUATELY MATURING OR FAILING ARTERIO-VENOUS ACCESS FOR HEMODIALYSIS
I. Goldin, D. Shemesh, O. Olsba
- OC 43 BORDERLINE STENOSES IN VASCULAR ACCESSES WITH PTFE GRAFTS: SHORT TERM OUTCOMES
V. Tuka, M. Slavikova, Z. Krupickova, M. Mokrejsova, E. Chytilova, J. Malik

RAFFAELLO HALL

13.00-14.30 POSTER SESSION (from 51 to 100)

- P 51** VITACLIP: A NOVEL VASCULAR CLOSURE DEVICE FOR HAEMODIALYSIS
P. Lentini, F. Nalesso, M. de Cal, F. Garzotto, F. Basso, M. Zanella, A. Brendolan, M. Zaramella, D. Cruz, C. Ronco
- P 52** CONSTRUCTION OF THE ARM AV FISTULA TO THE PATIENT WITH CRITICAL ISCHEMIC DISEASE OF HANDS – CASE REPORT
B. Leskovar, M. Hrastelj, V. Premru, T. Kljuevek, A. Adamlje
- P 53** TIME-TRENDS IN VASCULAR ACCESS SURGERY IN SWEDEN 1987-2006
Ljungström K.-G., Troëng T., Björck M.
- P 54** THE USE OF A NEW KIND OF LOW PROFILE RETRACTOR FOR ARTERIOVENOUS FISTULA PROCEDURE SIMPLIFIES AND SPEEDS UP THE INTERVENTION
A.I. Lo Monte, G. Amato, G. Damiano, M.C. Gioviale, C. Lombardo, G. Romano, M. Romano
- P 55** LOCALISED ANEURYSMAL DILATATION OF ARTERIO-VENOUS FISTULA: A HYPOTHESIS TO ITS GENESIS
R. Madani, B. Chandrasekaran, S. Agawal, V.W. Jones, T. Frankel, A. da Silva
- P 56** LOGISTICS OF VASCULAR ACCESS CARE IN A TERTIARY CENTER: PRAGUE EXPERIENCE
Malik J., Tuka V., Kavan J., Chytilova E., Krupickova Z., Mokrejsova M., Slavikova M.
- P 57** ONE-STAGE SUPERFICIALISED BRACHIOBASILIC FISTULA (BBAVF): A SINGLE-CENTER LONG-TERM EXPERIENCE
Mattei S., Abu Shalhoub F., David S., Vaglio A., Corradi A.
- P 58** IS A RADIO-CEPHALIC ARTERIOVENOUS FISTULA THE BEST CHOICE FOR PERMANENT ACCESS IN ELDERLY PATIENTS?
Mistry H., Jungbans C., Chandak P., Lioupis C., Tyrrell M., Valenti D.



- P 59 EFFICACY OF TRANSONIC HD2 IN DETECTING HAEMODIALYSIS ACCESS STENOSIS
Z. Moinuddin, H. Khambalia, H. Al-khaffaf
- P 60 ARTERIOVENOUS FISTULAE WITH VENAE COMITANTES: EXPANDING THE POSSIBILITIES FOR AUTOGENOUS FISTULAE. INDICATIONS FOR THE USE OF VEIN COMITANS
W. Morale, D. Patanè, G. Seminara, C. Incardona, P. Malfa, G. L'Anfusa, D. Spanti¹, M.L. Mandalà, D. Di Landro
- P 61 EVALUATION 45 AVG (ARTERIOVENOUS GRAFT) INFECTION ON HEMODIALYSIS PATIENTS IN OUR HOSPITAL
N. Murotani, S. Hori, S. Hikita, Y. Matsuda, A. Tsuchiya, T. Shimada, H. Nishijima
- P 62 TUNNELLED CUFFED FEMORAL VENOUS TWIN CATHETERS FOR CHRONIC HEMODIALYSIS: A PILOT EXPERIENCE
C. Musetti, T. Mazzullo, D. Ciurlino, S. Martino, M. Villa, Gi. Bigatti, L. Traversi, S. Bertoli
- P 63 UNILATERAL BREAST SWELLING IS A PATHOGNOMONIC SIGN OF CENTRAL VEIN OCCLUSION IN THE DIALYSIS PATIENT
J. Neale, K. Haas, CD. Tzarnas, D. Falkowitz
- P 64 ENDOVASCULAR TREATMENT OF CENTRAL VEIN STENOSIS IN HEMODIALYSIS PATIENTS
C. Nogueira, R. Machado, C. Vaz, T. Loureiro, L. Loureiro, J. Tavares, N. Matos, R. Almeida
- P 65 ISCHEMIC HAND IN PATIENTS UNDER DIALYSIS: ROLE OF PERCUTANEOUS ANGIOPLASTY
E. Paci, S. Alborino, E. Antico, R. Candelari, F.R. Ebrahim, L. Carbonari
- P 66 MONITORING AND REINTERVENTIONS IN THE VASCULAR ACCESS FOR HEMODIALYSIS: OUR EXPERIENCE
B. Parente, C. Ferrer, GB. Parlani, E. Cieri, P.G. Cao
- P 67 POSITIONING OF ATYPICAL CENTRAL VENOUS CATHETER (CVC) FOR HAEMODIALYSIS
D. Patanè, W. Morale, P. Malfa, G. Seminara, C. Incardona, G. L'Anfusa, D. Spanti, D. Di Landro

- P 68** ARROW-TREROTOLA PERCUTANEOUS THROMBECTOMY DEVICE: USE FOR THROMBOTIC NATIVE DIALYSIS FISTULAS, OUR EXPERIENCE
D. Patanè, G. L'Anfusa, W. Morale, C. Incardona, P. Malfa, D. Spanti, G. Seminara, D. Di Landro
- P 69** ENDOVASCULAR TREATMENT OF CENTRAL VEIN OCCLUSION IN PATIENTS ON HEMODIALYSIS
Pervulov S., Donfrid B.
- P 70** VASCULAR ACCESS MANAGEMENT BY A MULTIDISCIPLINARY TEAM
N. Pirozzi, F. Giordano, G. Panzieri, L. Capobianco, L. Nazzaro, L. Pantano, A. Bovi, A. Geru, A. Scocca, L. Zangari, T. Bilotta, A. Kubytska, R. Giambarresi, R. Pirozzi, A.M. Napoletano, V. Pirozzi
- P 71** DIAGNOSTIC VALUE OF CLINICAL EXAMINATION OF VASCULAR ACCESS FOR HEMOSISLYSIS VS ULTRASOUND OR FISTULOGRAPHY
N. Pirozzi, F. Principe, R. Pirozzi, F. Apponi, R. Luciani, A.M. Napoletano, V. Pirozzi
- P 72** ENDOVASCULAR TREATMENT OF SYMPTOMATIC CENTRAL VEIN STENOSIS IN PATIENT WITH IPSILATERAL VASCULAR ACCESS FOR HEMODIALYSIS. REPORT OF A SINGLE CENTRE EXPERIENCE
N. Pirozzi, R. Pirozzi, F. Giordano, G. Panzieri, R. Luciani, F. Principe, F. Apponi, D. Coclite, V. Pirozzi
- P 73** VASCULAR ACCESS ACTIVITY IN DIALYSIS CENTER ZALOKA, UNIVERSITY MEDICAL CENTER LJUBLJANA, SLOVENIA
R. Ponikvar, M. Benedik, J. Gubenek, A. Guek, B. Kersni, A. Kandus, B. Knap, J. Kova, N. Leevi, C. Likar, M. Malovrh, A. Marn-Pernat, V. Peri, V. Premru, N. kofic, J. Varl, J. Buturovi-Ponikvar
- P 74** PERCUTANEOUS ANGIOPLASTY OF AV FISTULAE AND GRAFTS
Premru V., Kljuevek T., Ponikvar R.
- P 75** NEW INDICATIONS FOR DETECTING VASCULAR ACCESS STENOSIS USING GLUCOSE PUMP INFUSION TECHNIQUE
M. Righetti, G. Ferrario, M. Intotero, S. Milani, P. Serbelloni, C. Vettori, A. Tommasi



- P 76 CASE REPORT: TWO EPISODES OF DEEP VEIN THROMBOSIS IN A 13-YEAR OLD THALASSEMIC GIRL WAITING FOR HAPLO-IDENTICAL BONE MARROW TRANSPLANT PROGRAM AFTER THE INSERTION OF TWO DIFFERENT VASCULAR ACCESSES
A. Roveda, P. Sodani, K. Paciaroni, C. Gallucci, G. Lucarelli
- P 77 EVALUATION OF VASCULAR ACCESS IN CHILDREN ON CHRONIC HEMODIALYSIS IN SLOVENIA – FROM 1979 TO 2007
R. R. Rus, J. Buturovic-Ponikvar, G. Nouljan, R. Ponikvar
- P 78 CLINICAL EVALUATION OF DRUG PREVENTIVE EFFECT AGAINST RESTENOSIS FOLLOWING THE STENT IMPLANTATION
H. Sakurai, T. Sato, M. Tsuboi, Y. Ito, T. Toriyama
- P 79 EARLY USE OF NEW PROSTHETIC GRAFTS IN AV ACCESS
A.F. Schild, E.S. Schuman, E. Gillaspie, J. Fuller, P. Collier
- P 80 THE END TO END PROXIMAL RADIOCEPHALIC FISTULA
M.A. Sharp
- P 81 IMMEDIATE CANNULATION FOR HEMODIALYSIS. 500 CASES
G. Sotirchos, S. Garbis, K. Diles, J. Bokos, E. Spartalis, A. Kandilis, P. Skordalou, G. Zavvos
- P 82 OUR EXPERIENCE USING THE POLYURETHANE VASCULAR ACCESS GRAFT IN HEMODIALYSIS
G. Sotirchos, S. Garbis, K. Diles, J. Bokos, E. Spartalis, A. Kandilis, A. Rezou, G. Zavvos
- P 83 MANAGEMENT OF VASCULAR ACCESS (VA) IN ABRUZZO E MOLISE
R. Stanziale, M. Lodi, E. D'Andrea, V. Di Luzio
- P 84 END-TO-END VERSUS END-TO SIDE ANASTOMOSIS IN HEMODIALYSIS ARTERIOVENOUS FISTULA ADVANTAGES AND DISADVANTAGES: EXPERIENCE OF A SINGLE CENTER
R. Stanziale, M. Lodi, E. D'Andrea, F. Nasuti, V. Di Luzio
- P 85 DIAGNOSIS AND TREATMENT OF VASCULAR ACCESS STENOSIS
S. Tarantini, A. Maffi, E. Cavagna, M. Gessaroli

- P 86 ROLE IN CVD MORBIDITY AND MORTALITY RELATED TO VASCULAR ACCESS COMPLICATION - CASE REPORT
D. Tasic
- P 87 ARTERIOVENOUS FISTULA IS THE GOLD STANDARD FOR VASCULAR ACCESS AND SHOULD BE CONSIDERED FIRST FOR EVERY PATIENT NEEDING HEMODIALYSIS
D. Tasic
- P 88 TYPE OF VASCULAR ACCESS AMONG HAEMODIALYSIS (HD) PATIENTS. FINDINGS OF LAZIO DIALYSIS REGISTRY
L. Tazza, A. Di Napoli, S. Valle, S. Chicca, M.L. Giarrizzo, D. Di Lallo
- P 89 PATENCY RATE OF NATIVE ARTERIOVENOUS FISTULA OF CHRONIC HEMODIALYSIS PATIENTS
K. Tsuchida, M. Nakamura, K. Yoshikawa, S. Kawashima, J. Minakuchi
- P 90 VASCULAR ACCESS BLOOD FLOW CHANGE AT THE INITIATION OF DIALYSIS: AN ULTRASOUND STUDY
V. Tuka, J. Malik
- P 91 SONOGRAPHIC EVALUATION OF DIALYSIS NEEDLE HEMODYNAMICS IN ARTERIO-VEINUS FISTULAE
V. Tuka, E. Wijnen, F.M. van der Sande, J.H.M. Tordoir
- P 92 PROXIMALIZATION OF THE ARTERIAL INFLOW: FIRST LONG-TERM RESULTS OF A NEW TECHNIQUE IN PATIENTS WITH DIALYSIS SHUNT ASSOCIATED STEAL SYNDROME (DASS)
J. Ukkat, F. Thermann, U. Wollert
- P 93 NEW METHOD TO DETECT EARLY VASCULAR ACCESS STENOSIS: PULSE PRESSURE ANALYSIS AT DIALYSIS NEEDLE
K. Van Canneyt, R.N. Planken, S. Eloot, P. Segers, P. Verdonck
- P 94 CENTRAL VEIN OCCLUSIONS
R. Vizinbo, L. Parreira, T. Amaral, A. Mendes, C. Gil, C. Lucas, J.D. Barata
- P 95 VASCULAR ACCESSES IN THE LOWER LIMB
B. Wolff, L.L. Clausen



- P 96 A CASE REPORT OF PTA WITH STENT FOR RIGHT SUBCLAVIAN VEIN OCCLUSION AND ANEURYSM
J. Yamashita, M. Miyazaki, H. Kondou, K. Ohomori, Y. Tabata, N. Murotani
- P 97 IMAGING QUALITY AND NEPHROTOXICITY OF VENOGRAPHY USING SMALL DOSE OF RADIOCONTRAST AS A VENOUS MAPPING IN PRE-DIALYSIS PATIENTS
Young Ok Kim, Young Soo Kim, Sun Ae Yoon, Byung Soo Kim, Ho Cheol Song, Yong Soo Kim
- P 98 TRAINING OF NEPHROLOGISTS IN ECOGRAPHICALLY GUIDED PLACEMENT OF TEMPORARY JUGULAR AND FEMORAL CATHETERS AS VASCULAR ACCESS FOR HAEMODIALYSIS
M. Zeiler, A. Federico, R. Marinelli, T. Monteburini, R.M. Agostinelli, S. Santarelli
- P 99 RETROSPECTIVE ANALYSIS OF PROLONGED USE OF UNCUFFED SINGLE LUMEN JUGULAR HAEMODIALYSIS CATHETERS
M. Zeiler, A. Federico, R. Marinelli, T. Monteburini, R.M. Agostinelli, S. Santarelli
- P 100 AN UNUSUAL CASE OF CENTRAL VEIN STENOSIS IN HEMODIALYSIS
S. Zerbi, G. Cozzi, L.A. Pedrini

AUDITORIUM

SESSION 3

EDUCATIONAL ISSUES IN VASCULAR ACCESS

Chair: **L. Berardinelli, T. Sato**

14.30 Training in vascular access surgery

T. Wilmink

**14.45 Vascular Access in Japan:
how and by whom**

H. Haruguchi

**15.00 Standards in vascular access:
definition and measurement**

C. Gibbons

15.15 Discussion

15.30 Coffee Break

SESSION 4

DIALYSIS ACCESS SIMULATION PROJECT

Chair: **M. Gallieni, S. Baktiroglu**

**15.45 Three components of dialysis access
simulation project**

I. Davidson

15.55 Aviation safety methods applied to medicine

P. Browne

**16.05 Tulane University Health Care
Simulation Center**

D. Slakey

INTERACTIVE SESSION

**16.30 Crew Resource Management (CRM)
applied to medicine**

P. Browne, I. Davidson

17.30 Discussion



BERNINI ROOM

14.30-15.45 ORAL COMMUNICATIONS (from 44 to 49)

Chair: **L. Coli, I. Morelli**

- OC 44** TRANSPOSITION OF RADIAL ARTERY FOR REDUCTION OF EXCESSIVE HIGH-FLOW IN BRACHIAL-CEPHALIC AND BRACHIAL-BASILIC HEMODIALYSIS AVFs
P. Bourquelot, J. Gaudric, L. Turmel-Rodrigues, G. Franco, O. Van Laere, A. Raynaud
- OC 45** LIPECTOMY: A NEW APPROACH TO SUPERFICIALIZATION OF FOREARM HEMODIALYSIS AVFs IN OBESE PATIENTS
P. Bourquelot, J.B. Tawakol, J. Gaudric, O. Van Laere, G. Franco, L. Turmel-Rodrigues
- OC 46** OPERATIVE MICROSCOPE MAGNIFICATION IN DISTAL AND PROXIMAL ARTERIOVENOUS FISTULA CONSTRUCTION IN ADULT: TWO YEARS EXPERIENCE
F. Cavatorta, S. Galli, M. Piredda, A. Zollo
- OC 47** MICROSURGERY AND PREVENTIVE HAEMOSTASIS FOR RADIO-CEPHALIC DIRECT WRIST ACCESS IN ADULTS
N. Pirozzi, F. Apponi, R. Luciani, F. Principe, A.M. Napoletano, V. Pirozzi
- OC 48** VENOUS ANEURYSMS IN THE VASCULAR ACCESS REPAIR: MID-TERM RESULTS
M. Zaramella, D. Danieli, F. Tosato, L. Lorenzin, D. Milite
- OC 49** VASCULAR ACCESS IN PATIENTS TREATED WITH CHRONIC HEMODIALYSIS (HD) FOR 30 YEARS OR MORE
J. Buturovi-Ponikvar, V. Peri, M. Malovrh, Z. Ceglar, S. Saksida, S. Kapun, R. Ponikvar

15.45-16.30 ORAL COMMUNICATIONS (from 50 to 60)

Chair: **P. Roy-Chaudhury, B. Donfrid**

- OC 50** VASCULAR ACCESS FOR HEMODIALYSIS (HD) PATIENTS IN SLOVENIA – DATA FROM THE SLOVENIAN RENAL REPLACEMENT THERAPY (RRT) REGISTRY 2006
J. Buturovi, Ponikvar, for the Slovenian RRT Registry Group

- OC 51 VASCULAR ACCESS IN SCOTLAND, 2007
A. Severn, A. Henderson, G. Prescott, J. Boyd, K. Simpson
- OC 52 THE EFFICACY OF THE EXTENSION TECHNIQUE IN THE PREVENTION OF DIALYSIS ACCESS- ASSOCIATED STEAL SYNDROME (DASS)
H. Khambalia, Y. Marie, H. Al-khaffaf
- OC 53 CREATION OF VASCULAR ACCESS WITH NORMAL FLOW: SHORT-TERM AND MID-TERM HEMODYNAMIC EFFECTS
J. Malik, V. Tuka, Z. Krupickova, M. Slavikova
- OC 54 USING THROMBOELASTOGRAPHY TO ASSESS PATIENTS UNDERGOING ARTERIOVENOUS FISTULA FORMATION
D. Mitchell, S. Arianayagam, D. Hughes, C. Darby
- OC 55 ULTRASONOGRAPHY (US) MAPPING OF BLOOD VESSELS BEFORE ARTERIOVENOUS FISTULA (AVF) CONSTRUCTION IN ELDERLY PATIENTS
V. Peri, R. Ponikvar, J. Buturovi-Ponikvar
- OC 56 INTRA-VASCULAR PRESSURE WAVE ANALYSIS AND VASCULAR ACCESS STENOSIS: PRESSURE MEASUREMENTS REVISITED
R.N. Planken, K. van Canneyt, S. Bipat, E. Ghazi, J.A. Reekers
- OC 57 ULTRASOUND BIOMICROSCOPY OF STENOTIC LESION DEVELOPMENT IN ARTERIOVENOUS FISTULAE DIALYSIS ACCESS
A. Razuvaev, E. Karlöf, K. Lund, J. Roy, K. Caidahl, U. Hedin
- OC 58 NON-INVASIVE REAL-TIME IMAGING OF INTIMA THICKNESS, VESSEL DIAMETER AND BLOOD FLOW ASSESSMENT AFTER ARTERIO-VENOUS FISTULA CREATION ON AN INJURED RAT CAROTID ARTERY USING ULTRASOUND BIOMICROSCOPY
A. Razuvaev, J. Ekstrand, E. Karlöf, K. Lund, K. Caidahl, U. Hedin, J. Roy
- OC 59 SEXISM AND AGEISM IN VASCULAR ACCESS – IS IT JUSTIFIED?
J. Murphy, L. Whittaker, A. Sharma, S. Powell, D. Gould, A. Bakran
- OC 60 INTRAOPERATIVE ULTRASOUND IN THE TREATMENT OF DISEASED DIALYSIS FISTULAE
P. Littler, N. Cullen, S. Powell



APRIL 22 - 2009

Overview

| | AUDITORIUM MICHELANGELO | BERNINI ROOM | BORROMINI ROOM |
|--------------|--|--------------------------------------|---|
| 8:00 | | Oral Communications from 61 to 69 | |
| 8:05 | Session 1: Hemodynamics and Vascular Access | | VAS TUBE Free Access for Vascular Access |
| 9:30 | | Oral Communications from 70 to 76 | |
| 10:10 | Session 2: Heart and Vascular Access | | |
| 11:00 | <i>Coffee break</i> | | |
| 11:30 | Session 3: Central Venous Catheter | | |
| 13:10 | Conclusive Remarks and Presidential Address | | |

Scientific Program

WEDNESDAY, APRIL 22 - 2009

AUDITORIUM

SESSION 1

HEMODYNAMICS AND VASCULAR ACCESS

Chair: *P. Haage, M. Lazarides*

- 8.05 New paradigms for dialysis access dysfunction: from hemodynamic stress to endothelial dysfunction**
P. Roy-Chaudhury
- 8.25 Imaging techniques for evaluation of vascular access hemodynamics**
N. Planken
- 8.45 Hemodynamics of vascular access: technical aspects**
A. Remuzzi
- 9.05 Image-based computation and modelling for outcome of vascular access: the ARCH project**
A. Bode
- 9.25 Discussion**

AUDITORIUM

SESSION 2

HEART AND VASCULAR ACCESS

Chair: *C. Basile, J. Pengloan*

10.10 Heart failure: anemia and vascular access

J. Malik

10.30 AV flow reduction in heart failure

V. Mickley

10.50 Discussion

11.00 Coffee Break

AUDITORIUM

SESSION 3

CENTRAL VENOUS CATHETER

Chair: *G. Brunori, F. Tesio*

11.30 Central venous catheter: actual problems and future developments

T. Pourchez

11.50 Percutaneous management of central upper torso obstructions

P. Haage

12.10 Clinical cases presentation

B. Dolmatch

12.30 Central vein obstruction: indications and results of surgery

V. Mickley

12.50 Discussion

13.10 Conclusive Remarks and Presidential Address



BERNINI ROOM

8.00 ORAL COMMUNICATIONS (from 61 to 69)

Chair: **S. Baktiroglu, N. Pirozzi**

- OC 61 IDENTIFICATION OF INADEQUATE RELATIONSHIP BETWEEN CARDIAC OUTPUT AND DISTAL AVF BLOOD FLOW
J. Pengloan, B. Birmelé, M. Francois, M. Roland, J.M. Boutin, H. Nivet
- OC 62 POLARCATH™ BALLOON DILATATION IN HAEMODIALYSIS VASCULAR ACCESSSES: PRELIMINARY RESULTS
J. García-Medina, N. Lacasa, V. García-Medina
- OC 63 CEPHALIC ARCH STENOSIS IN AUTOGENOUS BRACHIOCEPHALIC HEMODIALYSIS FISTULAS: RESULTS OF PRIMARY CUTTING BALLOON ANGIOPLASTY
S.T. Heerwagen, L. Lönn, M.A. Hansen
- OC 64 PERMANENT CATHETER PLACEMENT INTO OCCLUDED OR STENOSED CENTRAL VEIN AFTER ANGIOPLASTY, A WAY TO AVOID COMPLICATIONS IN CENTRAL VEINS PRESERVING THEM: PROSPECTIVE STUDY OF 8 YEAR FOLLOW UP IN 4 PATIENTS
J. Ibeas, J. Perandreu, J.R. Fortuño, A. Rodríguez-Jornet, J. Branera, C. Moya, M. Fernandez, N. Martín, L. Betancourt, P. Bermúdez, J. Falcó, M. García
- OC 65 ENDOVASCULAR MANAGEMENT OF FAILING HAEMODIALYSIS ARTERIOVENOUS ACCESS: DETERMINANTS OF OUTCOME WITH RESPECT TO THE TYPE AND EXTENT OF LESIONS
M. Morsy, E. Chemla
- OC 66 ENDOVASCULAR TREATMENT OF FOREARM ARTERIES STENOSIS COMPLICATING ARTERIOVENOUS FISTULA MATURATION
N. Pirozzi, R. Pirozzi, F. Giordano, G. Panzieri, R. Luciani, F. Principe, F. Apponi, D. Coclite, V. Pirozzi
- OC 67 THE USE OF STENT GRAFTS IN COMPLICATED ARTERIOVENOUS ACCESS FALSE ANEURYSMS
D. Shemesb, I. Goldin, I. Zagbal, D. Berelowitz, A. Verstandig, O. Olsba

- OC 68 ANGIOPLASTY WITH STENT-GRAFT VERSUS BARE STENT FOR RECURRENT CEPHALIC ARCH STENOSIS IN AUTOGENOUS ARTERIOVENOUS ACCESS FOR HEMODIALYSIS

D. Shemesb, I. Goldin, I. Zagbal, D. Berelowitz, A. Verstandig, O. Olsba

- OC 69 ANGIOPLASTY WITH THE GORE HEMOBAHN AND VIABAHN STENT GRAFTS IN ARTERIOVENOUS ACCESS FOR HEMODIALYSIS

D. Shemesb, I. Goldin, I. Zagbal, D. Berelowitz, A. Verstandig, O. Olsba

9.30 ORAL COMMUNICATIONS (from 70 to 76)

Chair: **K. Tsuchida, S. Mandolfo**

- OC 70 Kt OUTCOME AS AN ADDITIONAL TEST OF VASCULAR ACCESS SURVEILLANCE

M. Blasco, N. Fontseré, F. Maduell, M. Arias, M. Vera, X. Barros, J. Garro, J.M. Campistol

- OC 71 COMPARISON OF VASCULAR ACCESS RECIRCULATION (R) MEASUREMENT BY BLOOD TEMPERATURE MONITOR (BTM) AND BY UREA (U) AND GLUCOSE (GIT) METHODS WITH A NEW TWO-OPERATOR GLUCOSE INFUSION TEST (GIT2)

G.M. Bosticardo, V. Morellini, E. Schillaci, M. Battisti, M. Norza, P. Detoma, P. Bajardi

- OC 72 PREDICTING INITIAL POSTOPERATIVE FLOW AFTER AVF CREATION FOR HEMODIALYSIS: FEASIBILITY OF PATIENT-SPECIFIC MODELING

W. Huberts, E.M.H. Bosboom, R.N. Planken, W. Kroon, J.H.M. Tordoir, F.N. van de Vosse

- OC 73 ULTRASOUND USED BY THE NEPHROLOGIST IN THE HEMODIALYSIS UNIT FOR THE IMMEDIATE DIAGNOSIS AND EARLY TREATMENT OF FISTULA PATHOLOGY WITH LOW ALARM LEVEL AND GUIDANCE IN COMPLEX CANNULATION: TECHNIQUE TO INCLUDE IN THE CLINICAL ROUTINE IN NEPHROLOGY? A 4 YEARS EXPERIENCE

J. Ibeas, J. Vallespin, A. Rodriguez-Jornet, J.R. Fortuño, J. Branera, P. Bermudez, J. Perandreu, C. Grau, N. Ramirez, I. Granados, N. Martin, L. Betancourt, M. Solano, R. Iglesias, J. Falco, A. Gimenez, M. Garcia



- OC 74 PULMONARY HYPERTENSION (PH) IN HAEMODIALYSIS PATIENTS VIA ARTERIOVENOUS FISTULA (AV)
R. Luciani, F. Principe, N. Pirozzi, V. Sinibaldi, A. Domenici, G. Punzo, P. Menè
- OC 75 IMPACT OF RADIAL ARTERY (RA) LESIONS ON RADIOCEPHALIC FISTULA (RCF) FUNCTION FOR HEMODIALYSIS (HD). HISTOLOGIC STUDY OF 37 PATIENTS
R. Roca-Tey, R. Bordes, A. Rivas, R. Samon, O. Ibrik, I. Giménez, R. Martínez-Cercós, J. Viladoms
- OC 76 HEMODIALYSIS ACCESS SURGERY – IS THERE AN INCREASED RISK OF ACQUIRING HEPATITIS C VIRUS INFECTION COMPARED TO OTHER ELECTIVE VASCULAR INTERVENTIONS?
B. Wiltos, O. Assadian, G. Holak, C. Senekowitsch, R. Schaufler, J. Kovarik, G.W. Hagmüller, A. Assadian



Scientific Information

General Information

Scientific Information

This program is available on the website:

www.vascularaccess2009.com

The official language of the Meeting is English.

The Scientific Program includes Free Communication and Poster presentations.

Lunch-time Symposia

On April 21, from 13:00 to 14:30, in Auditorium Michelangelo, a lunch-time Symposium is scheduled, sponsored and organized by BARD. A light lunch is available.

Oral Communication

The allowed time for Oral Communication presentations is 10 minutes, (8 + 2). Speakers are kindly requested to strictly adhere to their allowed time. Please note that it is essential, for the smooth running of the Sessions, that all Speakers hand in their presentations not later than 2 hours before.

Poster presentation

The Poster Area is located in the “Raffaello Hall”, which is part of the Aurelia Convention Centre. Dimensions of Posters are as follows: height cm 100, width cm 80.

Material for mounting is available in the Area. All Poster should be displayed during all the Congress. Authors are kindly requested to mount their Poster on the assigned board between Sunday April 19 before 19:00 until Monday April 20 before 10:00. Poster discussion takes place in two separate sessions on Monday April 20 (posters n. 1 to n. 50) and on Tuesday April 21 (posters n. 51 to n. 100) from 13:00 to 14:30. During this time, the presenting Author should be available for explanations and discussions with the meeting participants.

Posters must be dismantled on Wednesday April 22 before 13:00.

Projection Center

Only PC data projection is available during the Congress. Slide projection is not provided. Each room is equipped with a laptop; therefore, the use of personal laptop is not allowed. Files must be prepared in Power Point on CD-Rom, or Pen Drive. For the smooth running of the Sessions, all Speakers must hand their presentations not later than 2 hours before.



“VAS Tube: free access for vascular access” available at the 6th International Congress of the Vascular Access Society

YouTube is a popular Web video sharing site that lets anyone store short videos for private or public viewing.

A similar new form of sharing scientific information will be experimentally available during the VAS congress in Rome, offering the possibility to all participants to upload power-point presentations and videos dealing with vascular access.

“VAS Tube: free access for vascular access” accepts any document to be shown according only to the author’s judgment.

The VAS - CONGRESS web site, run by OMNIA Meeting, will collect recordings of interventional or surgical procedures, PPT presentations, preliminary data of studies to be published, proposal of new protocols ,guidelines etc.

“VAS TUBE: free access for vascular access” will be continuously available in the Borromini Room, showing also documents which could not be presented in the official program but related with invited lectures or oral communications.

INSTRUCTIONS

In the Borromini Room of the Convention Centre, OMNIA Meeting will provide computers where all participants can upload and show the scientific material they are willing to share with the meeting participants. Videos can last up to 8 minutes.

Documents can be uploaded on the OMNIA Meeting computers during the Congress, however e-mailing them in advance to Cristiana Petta of OMNIA Meeting is encouraged.

Please remember to identify the authors at the beginning of the uploaded document and give a clear “running title”.

An e-mail address on the document presented is required for VAS Tube communications.

Moreover invited speakers accepting to show, after the session, their PPT presentation on VAS Tube are invited to ask the secretariat to switch it on VAS Tube.

No download will be allowed during the Congress and all the uploaded material will be cleared from the computer after the congress. If some of the meeting participants will be interested in the material, they will be provided with the e-mail of the Author, so that she/he can be directly contacted.

“VAS Tube: free access for vascular access” is included in registration fees.

*Salvatore Di Giulio
Maurizio Gallieni
Giuliano Brunori*

General Information

Date

VAS Congress: April 20-22, 2009.

Venue

The 6th International Congress on Vascular Access, is held at the Aurelia Convention Centre Via di Torre Rossa, 94 - 00165 Rome (Italy), about 15 minutes from the city-center.



How to reach the Venue

The Aurelia Convention Centre & Expo - Rome is located in a green residential area 3 km from Saint Peter's Basilica and 4 km from the historical city centre.

Termini Railway Station 10 km

"Leonardo da Vinci" International Airport 25 km

Ciampino Airport 40 km.

G.R.A. (ring road) Exit no. 1 "Città del Vaticano - Aurelio" 3 km

Underground Line "A" Cornelia Station

Buses: 98, 881, 889, 892

Conference Center Facilities and Services

During the meeting hours the following facilities are available in the Congress Area:

Basement

- Registration Desk
- Information Desk
- Trade Exhibition
- VAS Desk
- Food and beverage Area
- Poster Area
- Suggestion on Tours



1st Floor

- Auditorium Michelangelo
- Bernini Room
- Projection Center

2nd Floor

- Gallery
- Borromini Room (Vas Tube - Internet Point)

Secretariat Hours

| | | | |
|-----------|----------|---|---------------|
| Sunday | April 19 | • | 15:00 - 19:00 |
| Monday | April 20 | • | 7:30 - 18:30 |
| Tuesday | April 21 | • | 7:30 - 18:30 |
| Wednesday | April 22 | • | 7:30 - 14:00 |

Language

The official language of the Congress is English.

Social Dinner

Social Dinner takes place on Tuesday April 21 at “**Villa Miani**”, Via Trionfale, 151 - Rome at 21:00.

Buses leave from the Venue at 20:15.

Booking to the Social Dinner is available on the registration form.

Please note that people who have booked Social Dinner have to take their ticket in Secretary.

Ticket must be presented to the Staff before boarding on the bus for “Villa Miani”.

E.C.M.

For the Italian participants:

The Minister of Health has assigned credits E.C.M. (Educazione Continua in Medicina).

U.E.M.S.

Congress participates at the UEMS project (European Union of Medical Specialists).

| REGISTRATION FEE (<i>VAT included</i>) | Before 19/04/2009 | On site |
|--|-------------------|----------|
| • Active Members of the VAS (3 day) | € 600,00 | € 660,00 |
| • Non-Members 3 day | € 780,00 | € 840,00 |
| • One Day Congress | € 300,00 | € 360,00 |
| • Students | € 140,00 | € 140,00 |
| • Social Dinner | € 90,00 | € 90,00 |

The Registration Fee for members, non-members includes all the following items:

- 5 Coffee breaks
- 2 Lunches
- Badge, Congress bag and Program
- Attendance to the Lecture Halls
- Abstract Volume
- VAS Tube
- Certificate of attendance

Payment procedures

Payment of the Registration Fee must be made in Euro to the Organizing Secretariat, Omnia Meeting & Congressi Srl, in the following forms:

- Wire Transfer
- Credit Card
- Cash

American Express, VISA/Mastercard and Diners International are accepted. Please complete the bottom of the Registration Form. The organization charges your card and send regular invoice.

Refunds

No refunds for cancellation received after 30 march, 2009.

Certificate of Attendance

At the end of the Congress, a certificate of attendance is given to registrated participants, at the Registration Desk.



Badges

The official name badge must be worn for admission to all sessions.

Badge is the only valid document to take the certificate of attendance.

Identify colours:

- Red = Speakers/Chairmen;
- Blue = Participants;
- Yellow = One Day Congress;
- Green = Exhibitors

Trade Exhibition

A Trade Exhibition is held during the Congress, located in the Exhibition area (Giotto Hall). It is open every day of the Congress.

Exhibitors are greatly appreciate the visit of participants to the Congress for a mutual exchange of information, in a relaxing atmosphere, in front of a cup of coffee or other soft drinks.

Weather and dress

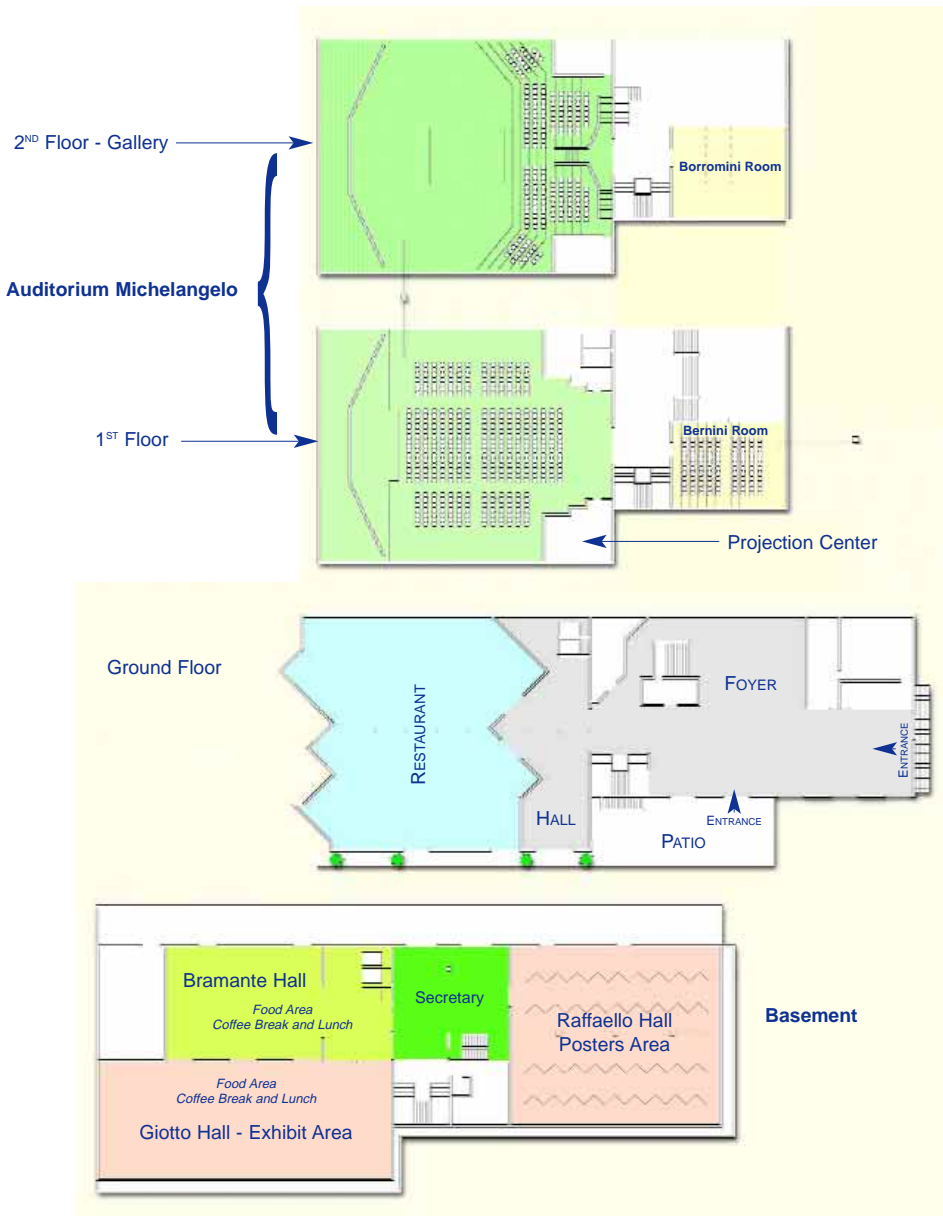
The weather in April in Rome is usually pleasant; however, the evenings may be chilly.

There is the possibility of rain, so an umbrella, light raincoat and comfortable shoes are advisable.

View of the Congress Area

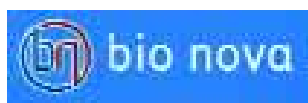
Aurelia Convention Centre

Torre Rossa Park Hotel



Sponsors

The Organizing Committee acknowledges support and contributions received from the following companies:



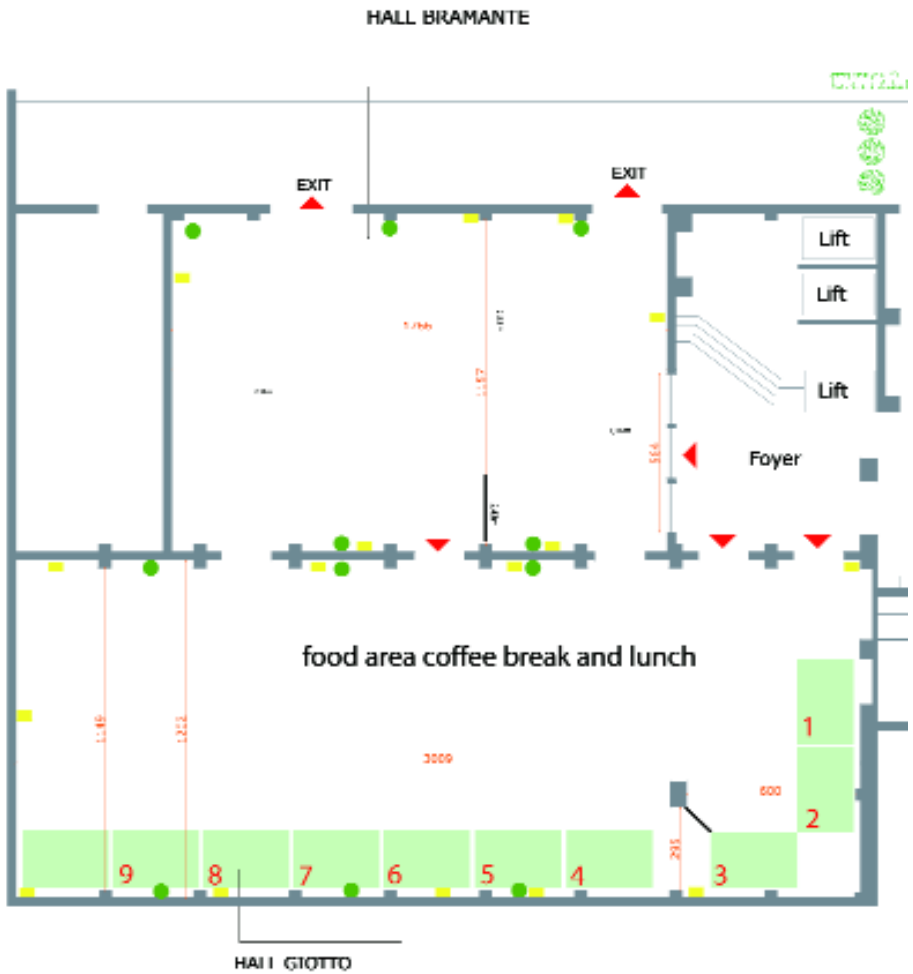
Fresenius Medical Care



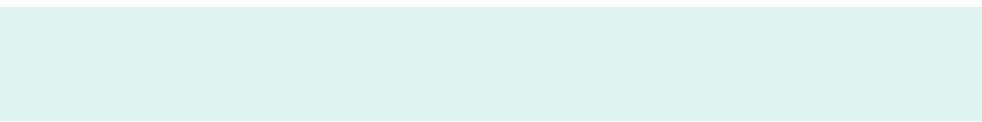
NEFROLINE



Exhibitors



- 1 - WL GORE
- 2 - WICHTIG
- 3 - ELSEVIER MASSON
- 4 - ATRIUM
- 5 - MEDCOMP
- 6 - BIONOVA
- 7 - BARD
- 8 - BOSTON SCIENTIFIC
- 9 -



NOTE

A series of horizontal dotted lines for taking notes.



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