

3rd INTERNATIONAL CONGRESS



ISTITUTO SCIENTIFICO UNIVERSITARIO
SAN RAFFAELE



AORTIC SURGERY AND ANESTHESIA "HOW TO DO IT"

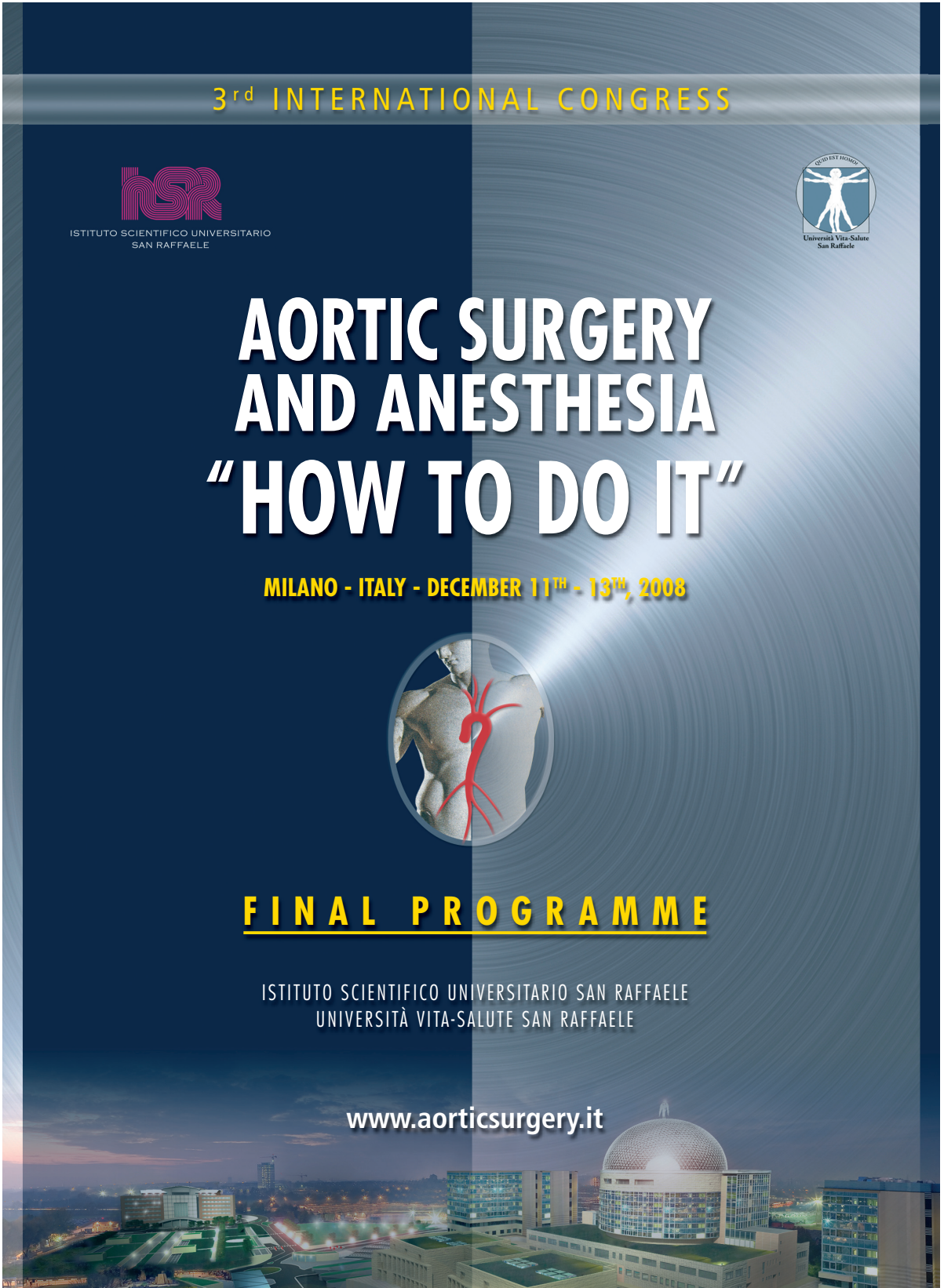
MILANO - ITALY - DECEMBER 11th - 13th, 2008



FINAL PROGRAMME

ISTITUTO SCIENTIFICO UNIVERSITARIO SAN RAFFAELE
UNIVERSITÀ VITA-SALUTE SAN RAFFAELE

www.aorticsurgery.it





SCIENTIFIC PROGRAMME

THURSDAY, DECEMBER 11TH, 2008

SPECIAL SYMPOSIUM GLOBAL THINKING IN CARDIOVASCULAR SURGERY: "EAST MEETS WEST"

Introduction

Roberto Chiesa, Germano Melissano

Welcome address

Giampaolo Landi di Chiavenna,
Health Councillor - City of Milano

The "San Raffaele" international projects around the world

Gianna Zoppi

Coffee break

Part I 14:00 - 16:00

CHAIR: Ottavio Alfieri,
Wei Guo,
Carlo Pratesi,
Marco Ranucci,
Carlo Setacci

The Cardiovascular Surgeon in the era of globalization: need for changes

Paul T. Sergeant

Global thinking in the hospital. The Cardiovascular Anesthesiologist

Alberto Zangrillo

Development of endovascular surgery techniques for cardiovascular surgeons in Taiwan

Chun-Che Shih

A brief history of cardiovascular surgery

Angelo Argentero

**Intellectual property vs. the "right
to be cured". A XXI century dilemma**
K.M. Cherian and Fabrizio Benedetti-Valentini

Teaching and training vascular surgery in Asia and in Europe

Stephen Cheng and Giorgio Biasi

Healthcare and reimbursement systems in Asia

Peter A. Robless

Part II 16:30 - 18:00

CHAIR: Jean-Georges Kretz,
Karaoglan Liberato de Moura,
Chun-Che Shih,
Domenico Tealdi,
Giorgio Torri

Changing epidemiology: the burden of aging and comorbidities

Marco Ranucci

Epidemiology and therapeutic options of aortic dissection in Asia and Europe

Worawong Sliatkorn and Rossella Fattori

Access to scientific publishing for NON-English mother language Authors

Jean-Baptiste Ricco

Epidemiology and therapeutic options of aneurysms in China

Wei Guo

Optimal care and limited resources: a universal problem

Adamastor H. Pereira

The role of the "Interventional Radiologist" in endovascular procedures in India and in Italy

Rahul Sheth and Roberto Gandini

SCIENTIFIC PROGRAMME

THURSDAY, DECEMBER 11TH, 2008

OPENING CEREMONY

Welcome from the Congress Chairmen

Roberto Chiesa,
Ottavio Alfieri,
Alberto Zangrillo

Welcome from our Dean

Antonio Emilio Scala

**Welcome from the outgoing President
of the Italian Society for Vascular
and Endovascular Surgery**

Giancarlo Bracale

**Welcome from the President
of the Italian Society of Anesthesia,
Analgesia, Resuscitation
and Intensive Care Medicine**

Luciano Gattinoni

Welcome from our President

sac. prof. Luigi Maria Verzé



**SCIENTIFIC PROGRAMME****FRIDAY, DECEMBER 12TH, 2008 - MORNING****OPENING REMARKS**

Roberto Chiesa, Ottavio Alfieri, Alberto Zangrillo

8:30 - 9:30**OPENING LECTURES****Leonardo da Vinci and the aortic valve**

Francis Robicsek

Aortic surgery in the new millennium

Joseph S. Coselli

9:30 - 11:30 - SESSION 1**ENDOVASCULAR TREATMENT I**

CHAIR: Maurizio Cotrufo,
Edouard Kieffer,
Francesco Musumeci,
George Silvay

Selecting patients for trans-femoral aortic valve implantation

Antonio M. Calafiore

Discussant: lassen Michev**Self expandable trans-catheter aortic valve implantation**

Corrado Tamburino

Discussant: Francesco Musumeci**The role of Trans Esophageal Echocardiography in endovascular treatment of the thoracic aorta**

Madhav Swaminathan

Discussant: Eustachio Agricola**Perioperative anesthesiological challenges of the unfit patient "ideal candidate" of transfemoral aortic valve implantation**

Remo Daniel Covello

Discussant: Luigi Tritapepe**Endovascular treatment of type B dissection. Goals, outcomes, disease specific devices**

Germano Melissano

Discussant: Giovanni Lorenzi**Left subclavian artery and celiac trunk salvage by stent-graft branching or fenestration: is it worth it?**

Timothy Resch

Discussant: Luca Del Guercio**Redo endovascular treatment (relining) after failed surgical or endovascular aortic procedure**

Armando C. Lobato

Discussant: Stefano Bonardelli**Treatment of endoleaks after EVAR**

Wei Zhou

Discussant: Francesco Speziale*Coffee break***12:00 - 13:45 - SESSION 2****OPEN SURGERY I**

CHAIR: Luciano Gattinoni,
Claudio Muneretto,
Carlo Setacci

Assessment of the aortic valve for repair

Giovanni La Canna

Discussant: Carlo Antona**Aortic valve sparing procedures and aortic valve repair**

H. Joachim Schäfers

Discussant: Alessandro Castiglioni**Perioperative drug management in patients undergoing vascular surgery**

Tommaso Fiore

Discussant: Silvio Magrin**Epidural analgesia and outcome in cardiac surgery**

Jane C. Ballantyne

Discussant: Erminio Sisillo**Aortic arch aneurysms: open surgery**

Roberto Di Bartolomeo

Discussant: Francesco Spinelli**Minimally invasive abdominal aortic surgery (minilaparotomy and laparoscopic approaches)**

Laurent Chiche

Discussant: Giovanni Colacchio**Inflammatory AAA: pathophysiology and therapeutic options**

Andrea Stella

Discussant: Franco Nessi*Lunch*

SCIENTIFIC PROGRAMME**FRIDAY, DECEMBER 12TH, 2008 - AFTERNOON****14:45 - 16:30 - SESSION 3****HYBRID TREATMENT**

CHAIR: Fabrizio Benedetti-Valentini,
Paolo Biglioli,
Tommaso Fiore

Trans-apical aortic valve implantation

Francesco Maisano

Discussant: Ruggero De Paulis

Endovascular contributions to treatment of type A aortic dissection

Roy K. Greenberg

Discussant: Francesco Siclari

Cardiac protection in major vascular surgery

Luigi Tritapepe

Discussant: Maria Grazia Calabrò

Near-infrared spectroscopy (NIRS) monitoring in aortic arch surgery

John M. Murkin

Discussant: Luigi Beretta

Hybrid open and endovascular treatment for aortic arch disease

Yamume Tshomba

Discussant: Maurizio Puttini

Approach to retrograde dissection into the aortic arch and residual dissection after open treatment of type A dissection

Vicente Riambau

Discussant: Guido Bajardi

Anomalies and variant anatomy of the aorta and supra-aortic vessels: additional challenges met by hybrid procedures

Carlo Setacci

Discussant: Patrizio Castelli

Coffee break

17:00 - 18:45 - SESSION 4**EMERGENCIES**

CHAIR: Giancarlo Bracale,
Luigi Chiariello,
Federico Pappalardo

The aortic degeneration associated with bicuspid valve: a source of emergency surgery?

Maurizio Cotrufo

Discussant: Giovanni La Canna

Emergency treatment of traumatic rupture of the aorta

Raphael de Geest

Discussant: Enrico M. Marone

New and old mechanical devices to assist circulation

Roberto Fumagalli

Discussant: Antonio Pesenti

Acute type B dissection, current treatment strategies

Nicola Mangialardi

Discussant: Flavio Peinetti

"Intra Mural Haematoma" and "Penetrating Aortic Ulcers"

Arno von Ristow

Discussant: Germano Melissano

Anesthesiological management and assessment of ruptured TAA

George Silvay

Discussant: Jane C. Ballantyne

More treatment options for ruptured AAA: are we saving more lives?

Timothy Resch

Discussant: Marco Setti

**SCIENTIFIC PROGRAMME****SATURDAY DECEMBER 13TH, 2008 - MORNING****8:30 - 10:30 - SESSION 5****ENDOVASCULAR TREATMENT II**

CHAIR: Alessandro Del Maschio,
Guido Fanelli,
Gino Gerosa,
Piergiorgio Settembrini

Branched endografts for thoraco-abdominal aneurysm repair

Roy K. Greenberg
Discussant: Domenico Palombo

Fenestrated and branched endograft for the treatment of juxtarenal and thoraco-abdominal aortic aneurysms

Claudio S. Cinà
Discussant: Giancarlo Palasciano

Suprarenal fixation, fenestration, branching; what is the long term fate of the target vessels?

Fabio Verzini
Discussant: Maurizio Taurino

State-of-the-art imaging of aortic aneurysms and post-processing; does it influence indications and planning?

Giovanni Gandini
Discussant: Bruno Gossetti

Loco regional versus general anesthesia in endovascular surgery

F. Luca Lorini
Discussant: Elena Bignami

Non invasive haemodynamic monitoring

Erminio Sisillo
Discussant: Rosalba Tufano

Advanced imaging techniques in the evaluation of patients for trans-femoral aortic valve implantation

Pietro Spagnolo
Discussant: Luigi Inglese

Balloon expandable trans-catheter aortic valve implantation

Antonio Colombo
Discussant: Francesco Maisano

Coffee break

11:00 - 13:00 - SESSION 6**NEWS FROM THE INDUSTRIES**

PANEL: Piergiorgio Cao, Livio Gabrielli,
Pierluigi Giorgetti, Fabio Guarracino,
Carlo Setacci, Carlo Spartera

- **BAXTER BIOSURGERY**
"Bloodless surgery, safer surgery with biomaterials"
Laura Caliarì
- **BOLTON MEDICAL**
"Clinical data and products evolution"
Claudio Moscheni
- **COOK MEDICAL**
"Advances in Branch Endografting"
Tara M. Mastracci
- **DATASCOPE**
"What has driven Datascope to innovate at every turn"
Eric Bielen
- **GORE**
"The GORE TAG Thoracic Endoprosthesis:
What does the future hold?"
Lori Crosson
- **JOHNSON & JOHNSON MEDICAL**
"What does innovation in CardioVascular Surgery
mean for Johnson & Johnson Medical?"
Rodrigo Bianchi
- **JOTEC**
"Aorta remodelling technique in type B dissection"
Charles Basso
- **MEDTRONIC**
"Medtronic Endovascular Innovations:
Vision and Product Pipeline"
Jean Luc Montoulieu
- **SEROM**
"Pre-operative planning for stent and graft endova-
sular procedures. 3d Reconstructions. 3surgery
TM Vascular Imaging"
Antonio Lorigo
- **TELEFLEX MEDICAL**
"ARROWg⁺ard BLUE PLUS"
Maurizio Scabini
- **VYTECH**
"MostCare; what's new in hemodynamic monitoring"
Lara Stanissa

Lunch

SCIENTIFIC PROGRAMME**SATURDAY DECEMBER 13TH, 2008 - AFTERNOON****14:00 - 15:45 - SESSION 7****OPEN SURGERY II**

CHAIR: Giovanni Deriu,
H. Joachim Schäfers,
Alberto Zangrillo

Aortic root dynamics: implications for aortic valve replacement

Xu Yu Jin

Discussant: Raphael de Geest

Elephant trunk and "Reversed" elephant trunk procedures for extensive thoracic aneurysms

Joseph S. Coselli

Discussant: Francesco Siclari

Guidelines for the management of the cardiopatic patient in vascular surgery

Fabio Guarracino

Discussant: Alberto Zangrillo

Volatile anesthetics reduce perioperative mortality in cardiac surgery

Giovanni Landoni

Discussant: Mara Scandroglio

TAAA: state-of-the-art in paraplegia prevention and therapeutic options

Michael Jacobs

Discussant: Francesco Setacci

Suprarenal aortic clamping for juxtarenal aortic occlusion, pararenal aneurysm and ruptured aneurysms

Attilio Odero

Discussant: Pietro Rispoli

Abdominal aortic surgery in children

Xavier Barral

Discussant: Mauro Gargiulo

Coffee break

16:15 - 18:15 - SESSION 8**COMPLICATIONS**

CHAIR: Alain Branchereau,
Tommaso Fiore,
Luigi Martinelli,
Giuseppe Raimondo Pistolese

Prosthetic endocarditis following aortic valve replacement

Luigi Martinelli

Discussant: Antonio Grimaldi

Stroke after open arch surgery. Prevention strategies

Stefano Benussi

Discussant: Xu Yu Jin

Perioperative prevention and postoperative management of respiratory complications after aortic surgery

V. Marco Ranieri

Discussant: Federico Pappalardo

Renal protection in the critically ill patient with or at risk for acute renal failure.**The role of fenoldopam**

Tiziana Bove

Discussant: Tommaso Fiore

Endovascular treatment of complications following thoracic and thoraco-abdominal aortic surgery

Franco Grego

Discussant: Yamume Tshomba

Solutions for failure of EVAR and TEVAR

Piergiorgio Cao

Discussant: Gioacchino Coppi

Advancements in the treatment of thoracic and abdominal graft and stent-graft infection

Olivier A. Goëau-Brissonnière

Discussant: Vincenzo Rampoldi

Aortoenteric and aortobronchial fistulae

Enrico M. Marone

Discussant: Claudio Novali

Address from the President-Elect of the Italian Society for Vascular and Endovascular Surgery

Maurizio Puttini

Closing Remarks

Roberto Chiesa



ACKNOWLEDGMENTS

 Abbott Vascular	 ab medica for people who care	 ARROW®	 AstraZeneca	 Baxter BioSurgery ADVANCING SURGERY. ENHANCING LIFE.
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 INVATEC Innovative Technologies We make ideas come alive	 Johnson-Johnson Wound Management A division of Johnson-Johnson MEDICAL	 JOTEC® SOLUTIONS FOR VASCULAR DISEASE	 LeMaitre® VASCULAR	 LUSOFARMACO
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