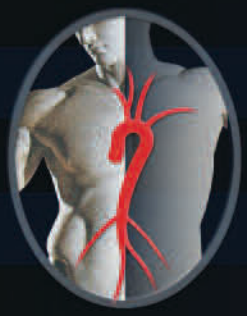

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SAN RAFFAELE

4TH INTERNATIONAL CONGRESS

AORTIC SURGERY AND ANESTHESIA

"HOW TO DO IT"

2010

SAN RAFFAELE SCIENTIFIC INSTITUTE

MILANO - ITALY - DECEMBER 17TH - 18TH, 2010

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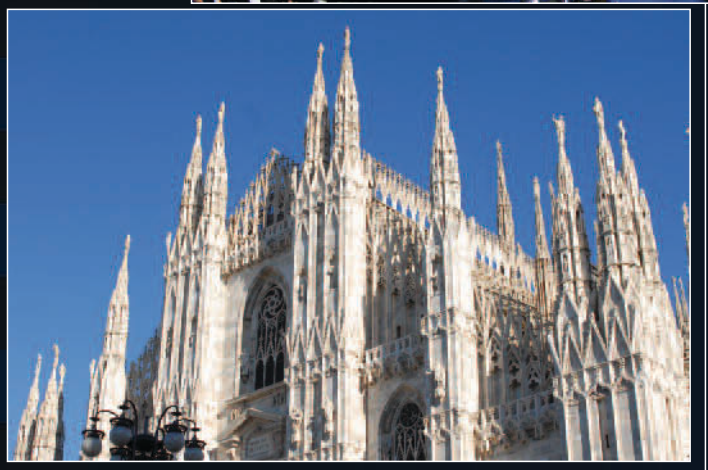

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FRIDAY MORNING

Opening ceremony

Welcome from
the Congress Chairmen
Roberto Chiesa,
Alberto Zangrillo,
Ottavio Alfieri

Welcome from our President
sac. prof. Luigi M. Verzé

Welcome from our Dean
Massimo Clementi

Advanced imaging

08:30 - 09:40

President:
Giovanni Simonetti

Chairmen:
Gian Paolo Cornalba,
Alessandro Del Maschio,
Luigi Inglese

Speaker: **Efrem Civilini**
Comment: **Stephen Cheng**
Open source software OsiriX for aortic procedures planning and sizing

Speaker: **Pietro Spagnolo**
Comment: **Giovanni La Canna**
State of the art of cardiac CT

Speaker: **Giovanni Gandini**
Comment: **Frans L. Moll**
Aortic CT angiography. Advantages of last generation multidetector CT scanner

Speaker: **Franco Grego**
Comment: **Carlo Ferro**
EVAR without contrast is possible with adequate preoperative planning

Speaker: **Frans L. Moll**
Comment: **Giancarlo Mansueto**
4-D dynamic CT of the aorta before and after stent-graft placement

Speaker: **Ronald L. Dalman**
Comment: **Gianluca Faggioli**
Circulating markers of aortic aneurysms

DISCUSSION

The proximal aorta

09:40 - 11:00

President:
Luigi Chiariello

Chairmen:
Luigi Beretta,
Ruggero De Paulis,
Roy K. Greenberg

Speaker: **Roberto Di Bartolomeo**
Comment: **Jan S. Brunkwall**
The "frozen" elephant trunk technique

Speaker: **Roy K. Greenberg**
Comment: **Martin Grabenwöger**
Endovascular aortic repair, pushing the limit proximally

Speaker: **Sun LiZhong**
Comment: **Giampiero Esposito**
Surgical treatment of type A dissection

Speaker: **Germano Melissano**
Comment: **Ronald L. Dalman**
Aortic arch debranching

Speaker: **Gregory W. Fischer**
Comment: **Paolo Zanatta**
Current status of cerebral oximetry in aortic surgery

Speaker: **Masaaki Kato**
Comment: **Christoph A. Nienaber**
Endovascular approach for proximal aortic dissections

DISCUSSION

FRIDAY, DECEMBER 17TH, 2010

FRIDAY AFTERNOON

Marfan Syndrome
11:30 - 13:00

President:
Gian Franco Gensini

Chairmen:
Paolo G. Camici,
Franco Cavaliere,
Peter R. Taylor

Speaker: **Eloisa Arbustini**
Comment: **Iacopo Olivotto**
Most recent advances in the knowledge of Marfan Syndrome

Speaker: **H. Joachim Schäfers**
Comment: **Michele De Bonis**
Valve-sparing and valve-replacing techniques for aortic root replacement in Marfan patients

Speaker: **Matt Thompson**
Comment: **Claudio Novali**
Stent grafting of dissected descending aorta in Marfan patients

Speaker: **Gavin Wright**
Comment: **F. Luca Lorini**
Anesthetic management in patients with Marfan Syndrome and aortic dissection

Speaker: **Attilio Odero**
Comment: **Satoshi Kawaguchi**
Open thoracic and thoraco-abdominal aortic repair in Marfan patients

Speaker: **Marc A.A.M. Schepens**
Comment: **Stefano Benussi**
Acute type A dissection in Marfan patients

Speaker: **Thierry P. Carrel**
Comment: **Alessandro Castiglioni**
Technical advances in open surgery determines improved outcomes in Marfan patients

DISCUSSION

Keynote lecture
13:00 - 13:30
Joseph S. Coselli
Surgical solutions for arch and thoraco-abdominal aneurysms

Aortic valve
14:30 - 16:00

President:
Paolo Biglioli

Chairmen:
Antonio Colombo,
Francesco Musumeci,
Marco Ranucci

Speaker: **Paolo Rubino**
Comment: **Bernhard Reimers**
The balloon-expandable "Edwards - Sapien" trans-catheter aortic valve

Speaker: **Gian Paolo Ussia**
Comment: **Alaide Chieffo**
The self expanding "Medtronic - CoreValve" trans-catheter aortic valve

Speaker: **Fabio Guarracino**
Comment: **Giuseppe Biondi Zoccai**
Anesthetic management of percutaneous aortic valve procedures

Speaker: **Francesco Maisano**
Comment: **Francesco Siclari**
Trans-apical trans-catheter aortic valve implantation

Speaker: **Matt Thompson**
Comment: **Alberto Margonato**
Percutaneous approach for endovascular procedures

Speaker: **Eberhard Grube**
Comment: **Alessandro Castiglioni**
New trans-catheter aortic valves and approaches

Speaker: **Matteo Montorfano**
Comment: **Azeem Latib**
"Valve-in-Valve" technique for aortic bio-prosthesis malfunction

Speaker: **Corrado Tamburino**
Comment: **Eustachio Agricola**
Quality of life assessment after percutaneous aortic valve implantation

DISCUSSION

Spinal cord ischemia
16:00 - 17:30

President:
Joseph S. Coselli

Chairmen:
Angelo Argenteri,
Francesco Giunta,
Andrea Stella

Speaker: **Carlo Setacci**
Comment: **Fabio Verzini**
TEVAR in patients with previous or concomitant AAA surgery

Speaker: **Roberto Imberti**
Comment: **Andrea Carozzo**
Peri-operative preventive measures for spinal cord ischemia

Speaker: **Germano Melissano**
Comment: **Laurent Chiche**
CT analysis of spinal cord vasculature

Speaker: **Frank J. Criado**
Comment: **Mauro Ferrari**
Mapping of the aorta: is it useful to stratify the risk of spinal cord ischemia after TEVAR?

Speaker: **Michael Jacobs**
Comment: **Pierluigi Giorgetti**
Spinal cord ischemia after open TAAA surgery

Speaker: **Fabien Koskas**
Comment: **Giovanni Pratesi**
Low incidence of spinal cord ischemia after open repair of type IV TAAA

Speaker: **Luca Severi**
Comment: **Carlo Ori**
Postoperative treatment of spinal cord ischemia

Speaker: **Martin Czerny**
Comment: **Xavier Barral**
Risk factors for spinal cord injury in patients undergoing TEVAR - a European Registry

DISCUSSION

Definition of "Unfit" patient
17:30 - 19:00

President:
Antonio Braschi

Chairmen:
Livio Gabrielli,
V. Marco Ranieri,
Domenico Tealdi

Speaker: **George Silvay**
Comment: **Philip J. Devereaux**
Value of preoperative clinic for aortic aneurysm patients:
harmony in the operating room, enhance outcome and patient satisfaction

Speaker: **Silvio Magrin**
Comment: **Marco Setti**
Parameters and guidelines that define the "Unfit" patient for laparotomy and thoracotomy with aortic cross-clamping

Speaker: **Luigi Tritapepe**
Comment: **Michele De Bonis**
Parameters and guidelines that define the "Unfit" patient for sternotomy, cardio-pulmonary by-pass and circulatory arrest

Speaker: **Philip J. Devereaux**
Comment: **Michele Oppizzi**
Therapeutical optimization for the "Unfit" patient, role of beta-blockers and statins

Speaker: **Nicola Brienza**
Comment: **Maria Grazia Calabrò**
The relevance of renal failure as a risk factor for aortic surgery

Speaker: **Fabio Guarracino**
Comment: **Remo Daniel Covello**
Trans esophageal echocardiography and the evaluation of cardiac risk

Speaker: **Marco Ranucci**
Comment: **Luca Cabrini**
Age: risk factor or contra-indication

DISCUSSION

SATURDAY MORNING

When the anesthesiologist makes the difference
08:00 - 9:20

President:
Luciano Gattinoni

Chairmen:
Antonio Pesenti,
Carlo Spartera,
Frank J. Veith

Speaker: **Giovanni Landoni**
Comment: **Franco Cavaliere**
New inotropic agents and survival: Levosimendan

Speaker: **Andrea Morelli**
Comment: **Nicola Brienza**
Inotropic agents and mucosal perfusion

Speaker: **Philip J. Devereaux**
Comment: **Fabio Guarracino**
Epidemiology and outcome of perioperative myocardial infarction

Speaker: **Emanuele Piraccini**
Comment: **Elena Bignami**
Epidural and paravertebral analgesia

Speaker: **Yannick Le Manach**
Comment: **Gavin Wright**
Should statins be used as a universal premedication?

Speaker: **Tommaso Fiore**
Comment: **Maurizio Taurino**
Locoregional or general anesthesia for EVAR / TEVAR

Speaker: **Stefano Romagnoli**
Comment: **Luigi Tritapepe**
Non-invasive intraoperative monitoring

DISCUSSION

Aortic emergencies
09:20 - 10:50

President:
Edouard Kieffer

Chairmen:
Gioacchino Coppi,
Frank J. Criado,
Valentino Martelli

Speaker: **Enrico M. Marone**
Comment: **Jose Francisco Cesa**
TEVAR for aortoesophageal, aortobronchial fistulae

Speaker: **Pierpaolo Giomarelli**
Comment: **Mauro Gargiulo**
Contemporary anesthetic management of profound hemorrhagic shock after aortic rupture

Speaker: **Francesco Speziale**
Comment: **Karaoglan Liberato de Moura**
Aorto-enteric fistulae after AAA open surgery

Speaker: **Luigi Martinelli**
Comment: **Gino Gerosa**
Acute type A dissection

Speaker: **Martin Grabenwöger**
Comment: **Claudio Muneretto**
Emergency treatment of complicated type B dissection, experience of the "Vienna Aneurysm Program"

Speaker: **Christoph A. Nienaber**
Comment: **Stefano Bonardelli**
TEVAR for isthmic rupture

Speaker: **Hans-Henning Eckstein**
Comment: **Vicente Riambau**
EVAR for ruptured AAA: current gold standard

Speaker: **Joseph J. Ricotta**
Comment: **Gianmarco de Donato**
Surgeon-modified fenestrated grafts for ruptured complex aortic aneurysms

DISCUSSION

Laparoscopy & miscellaneous topics
11:10 - 12:30

President:
Fabrizio Benedetti-Valentini

Chairmen:
Giovanni Deriu,
Olivier A. Goëau-Brissonnière,
Adamastor H. Pereira

Speaker: **Mauro Ferrari**
Comment: **Ralf Kolvenbach**
Laparoscopic approach to AAA

Speaker: **Michele Carlucci**
Comment: **Yves S. Alimi**
Laparoscopic treatment of arquate ligament syndrome

Speaker: **Yamume Tshomba**
Comment: **Satoshi Kawaguchi**
Visceral malperfusion and aortic dissection: role of laparoscopy

Speaker: **Laurent Chiche**
Comment: **Giancarlo Palasciano**
Caval Leiomyosarcomas

Speaker: **Andrea Stella**
Comment: **Guido Bajardi**
Primary malignant tumours of the aorta

Speaker: **Carlo Pratesi**
Comment: **Giovanni Nano**
EVAR for inflammatory AAA

Speaker: **Arno von Ristow**
Comment: **Stefano Michelagnoli**
Visceral artery aneurysm > 200 cases experience

DISCUSSION

Keynote lecture
12:30 - 13:00
Roy K. Greenberg
Endovascular solutions for arch and thoraco-abdominal aneurysms

Complications
14:00 - 15:30

President:
Giancarlo Bracale

Chairmen:
Valter Casati,
Jean-Georges Kretz,
Piergiorgio Settembrini

Speaker: **Federico Pappalardo**
Comment: **Dionisio Colella**
Anesthetic management of severe intraoperative bleeding complications

Speaker: **Rossella Fattori**
Comment: **Matt Thompson**
Increased mortality in centers with low case load, should there be more regionalization?

Speaker: **Olivier A. Goëau-Brissonnière**
Comment: **Francesco Setacci**
Vascular graft infections

Speaker: **Jean-Pierre Becquemin**
Comment: **Francesco Spinelli**
Colonic ischemia after open surgery and EVAR

Speaker: **Eric Verhoeven**
Comment: **Umberto M. Bracale**
Complications and solutions during complex endovascular thoraco-abdominal procedures

Speaker: **Piergiorgio Cao**
Comment: **Alexandre C. M. Amato**
Late conversion to open repair with stent-graft removal

Speaker: **Burkhart Zipfel**
Comment: **Angelo Argenteri**
Retrograde dissection after TEVAR

DISCUSSION

SATURDAY AFTERNOON

Coverage of important branches: when and how to revascularize?
15:30 - 17:00

President:
Maurizio Puttini

Chairmen:
Gabriele Finco,
Giovanni Torsello,
Frank J. Veith

Speaker: **Frank J. Criado**
Comment: **Fabien Koskas**
Chimney grafts and bare stents: aortic branch preservation revisited

Speaker: **Stéphan Haulon**
Comment: **Tommaso Donati**
Hypogastric artery branched stent-grafts

Speaker: **Stephen Cheng**
Comment: **Giovanni Lorenzi**
Double bifurcation grafts: developments for EVAR with iliac aneurysm

Speaker: **Armando C. Lobato**
Comment: **Domenico Palombo**
Double barrel technique for the hypogastric artery

Speaker: **Vicente Riambau**
Comment: **Flavio Peinetti**
New concepts and devices for complex thoracic procedures

Speaker: **Martin Malina**
Comment: **Roberto Pacchioni**
Routine chimney technique for left subclavian preservation

Speaker: **Nicholas J. W. Cheshire**
Comment: **Luca Bertoglio**
Hybrid technique for splanchnic revascularization

DISCUSSION

Endoleaks
17:30 - 19:00

President:
Carlo Setacci

Chairmen:
Jean-Marie Cardon,
Guido Regina,
Jean-Baptiste Ricco

Speaker: **Bruno Gossetti**
Comment: **Marcelo Liberato de Moura**
Optimal techniques for surveillance after EVAR, role of ultrasonography

Speaker: **Giorgio M. Biasi**
Comment: **Pierre-Edouard Magnan**
Type II endoleak treat or observe?

Speaker: **Ralf Kolvenbach**
Comment: **Franco Nessi**
Can "Endo-Staples" prevent type I endoleaks and late migrations?

Speaker: **Zaiping Jing**
Comment: **Patrice Bergeron**
Concepts in management of thoracic aortic pathology

Speaker: **Toru Kuratani**
Comment: **Jan S. Brunkwall**
Stent-graft and debranching for TAA aneurysm

Speaker: **Nicola Mangialardi**
Comment: **Carlo Antona**
Proximal aortic wrapping to prevent endoleak after "Zone 0" hybrid arch repair

Speaker: **Roberto Gandini**
Comment: **Patrizio M. Castelli**
Tissue glue / ONIX and coil embolization in the treatment of type II endoleaks

DISCUSSION

CLOSING REMARKS

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Official languages

Italian and English. Simultaneous translation Italian/English/Italian will be provided

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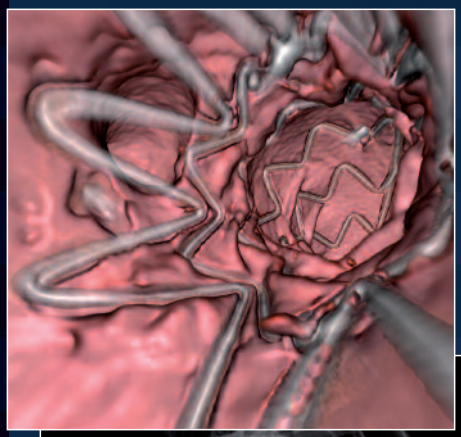
All necessary information is available on the congress website



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Johnson & Johnson MEDICAL S.p.A.
JOTEC SOLUTIONS FOR VASCULAR DISEASE
LeMaitre VASCULAR
LeviBio
MAQUET GETINGE GROUP
Medcomp
MEDOLANUM farmaceutici S.p.A.
Medtronic
Medtronic Invatec
microlens Keeler
NB NATURAL BRADEL
NYCOMED
ORION PHARMA
sanofi aventis
SEDA S.p.A.
sarom medical technology
S.I.D.EM. S.p.A. - Prodotti Elettromedicali
SOLIDEA
SORIN GROUP
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MMN
momoDESIGN
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SDI
smeg tecnologia che arreda
VEA