



Azienda
Ospedaliero
Universitaria
Careggi



FONDAZIONE CAREGGI
ONLUS

THE NETWORK OF LARGE EUROPEAN HOSPITALS:

HOW INNOVATION IN TECHNOLOGY,
IN MEDICAL PRACTICE AND IN ORGANIZATION
IMPROVES PATIENT CARE

PRELIMINARY PROGRAMME

CAREGGI UNIVERSITY HOSPITAL

OCTOBER FLORENCE (ITALY)
13TH-14TH-15TH, 2016

AZIENDA OSPEDALIERO UNIVERSITARIA CAREGGI, FIRENZE

The medicine of the future, from now on, it will advance even more by leaps and bounds. This is mainly due to the increasing interaction of the fields of knowledge and of competence regarding patient care. Furthermore, due to the new devices capable not only of enhancing clinical and surgical skills but also of improving healthcare services through a more rational and efficient use of resources, the medicine of the future will become more and more technological too.

Thus, the International Meeting on “The network of large European hospitals” offers a point of view on the future, on how innovation in technology, clinical practice and organization improves patient care.

The Hospitals of the future belonging to the European network, either newly constructed or modernized, will be increasingly digitized, computerized and robotic equipped.

At the Meeting at Careggi University Hospital (Florence), International experts will meet to discuss the new therapeutic frontiers of oncological surgery, ophthalmology, urology, reconstructive surgery, anesthesia and intensive care, organ and tissue transplants. Moreover, during the meeting new procedures will be disclosed together with innovative perspectives for robotic surgery, radiotherapy, rehabilitation with exoskeletons, therapeutic compound preparations, especially regarding cancer therapies.

In the limelight of the Meeting, the keywords will be not only prevention and therapies but also prognostication of those diseases that could affect any individual and personalized medicine.

Last but not least, the other topics of the three days Meeting will be the new frontiers of bioengineering, nanotechnology and nanomedicine, Big Data analysis methods and Big Data huge unexplored potentiality in the study of diseases and new healthcare scenarios, cognitive computing, i.e. artificial intelligence able to take decisions in both healthcare and organization fields.

In conclusion, at the International Meeting in Florence from October 13th to October 15th 2016 we will have a taste of the future of the worldwide healthcare system.

SCIENTIFIC COMMITTEE

Ms Monica Calamai, MD
Director General Careggi, University Hospital

Ms Anna Maria Celesti, MD
Chairperson Careggi Foundation

Mr Andrea Belardinelli
CIO and Director Strategic planning, Careggi University Hospital

Prof. Marco Carini, MD
Director Oncology Department, Careggi University Hospital

Andrea Coratti, MD
Director Oncological and Robotic General surgery, Careggi University Hospital

Prof. Raffaele De Gaudio, MD
Professor of Anesthesiology and Intensive Care
Director Department of Anesthesia and Intensive Care, Careggi University Hospital

Prof. Marco Innocenti, MD
Director of Plastic Surgery, Careggi University Hospital

Adriano Peris, MD
Director Neuro-muscle-skeletal department, Careggi University Hospital

Prof. Stanislao Rizzo, MD
Director of Ophthalmology, Careggi University Hospital

Prof. Luca Voltolini, MD
Director Thoracic surgery, Careggi University Hospital

CAREGGI FOUNDATION CONTACT

Ms Valentina Nepi
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Thursday, October 13th, 2016

08.00 am Participants registration and welcome coffee

08.30 am **MEETING OPENING**

Monica Calamai, Director General Careggi University Hospital
Luigi Dei, Chancellor of the University of Florence
Anna Maria Celesti, Chairperson Careggi Foundation
Cornelius Schmaltz, DG Research and Innovation,
European Commission Head of Unit - Health Strategy
Stefania Saccardi, Councillor for Health and
Welfare of Regione Toscana

INNOVATION AND TECHNOLOGY MORNING SESSION

Chairs: Stanislao Rizzo, Andrea Belardinelli

09.00 am Sensors of the future
Alessandro Grattoni,
Chairman of Department of Nanomedicine,
Methodist Research Institute, Houston, USA

09.40 am Visual prosthesis
Stanislao Rizzo, AOUC, Florence, Italy

10.20 am Data accessibility (cloud, security, standards, etc.)
Nathalie Rey, EMEA Trust Manager, Google for Work,
London, United Kingdom

11.00 am Big Data analysis
Clemens Suter-Crazzolara, SAP, Germany

11.40 am Cognitive computing
Oded Cohn, VP, Director of IBM Research, Haifa, Israel

12.30 pm Lunch

Thursday, October 13th, 2016

INNOVATION AND TECHNOLOGY AFTERNOON SESSION

Chairs: Anna Maria Celesti, Andrea Belardinelli

- 02.00 pm Years of the Internet in Italy
Luciano Lenzini, University of Pisa, Italy
- 02.40 pm Enhancing Surgical Performance through Technology and Design
Paul Millman, VP Product Solutions Intuitive Surgical,
Sunnyvale, USA
- 03.20 pm Healthcare robotics-radiosurgery
Ludovic Peyre, Product manager CyberKnife, Accuray,
Sunnyvale, USA
- 04.00 pm Healthcare robotics - pharmacy
Demis Paolucci, Loccioni, Angeli di Rosora, Italy
- 04.40 pm Healthcare robotics - exoskeletons
Barry Richards, EMEA Clinical Director, Ekso Bionics
- 05.20 pm Conclusions

Friday, October 14th, 2016

INNOVATION AND CLINICAL PRACTICE MORNING SESSION

Chairs: Raffaele De Gaudio, Marco Carini, Stefano Romagnoli

- 08.20 am New cardiovascular monitors: integrator of whole body function
Didier Payen, University of Paris 7 Denis Diderot,
Paris Cedex, France
- 09.00 am Perioperative Medicine in the Era of Digital Quality Improvement
Maxime Cannesson, UCLA Los Angeles, USA
- 09.40 am Robot-assisted surgery in uro-genital neoplasms
Marco Carini, AOUC, Florence Italy
- 10.10 am Advanced applications of robotics in General Surgery
Andrea Coratti, AOUC, Florence Italy
- 10.45 am Aortic treatment in 21st century
Aaron Fargion, AOUC, Florence Italy
- 11.00 am Educational and training programs in the era of simulation:
the experience at Medical School of Nancy
Laurent Bresler, CHRU de Nancy, Hôpital de Brabois, France
- 11.40 am Technical and technological advances in lung cancer surgery:
towards a more conservative approach
Luca Voltolini, AOUC, Florence Italy
- 12.20 pm Value based lobectomy: quality outcomes, OR efficiency and
profitability, and outstanding patient satisfaction
Robert J. Cerfolio,
The University of Alabama Hospital at Birmingham, USA
- 01.00 pm Lunch

Friday, October 14th, 2016

INNOVATION AND CLINICAL PRACTICE AFTERNOON SESSION

Chairs: Marco Innocenti, Adriano Peris

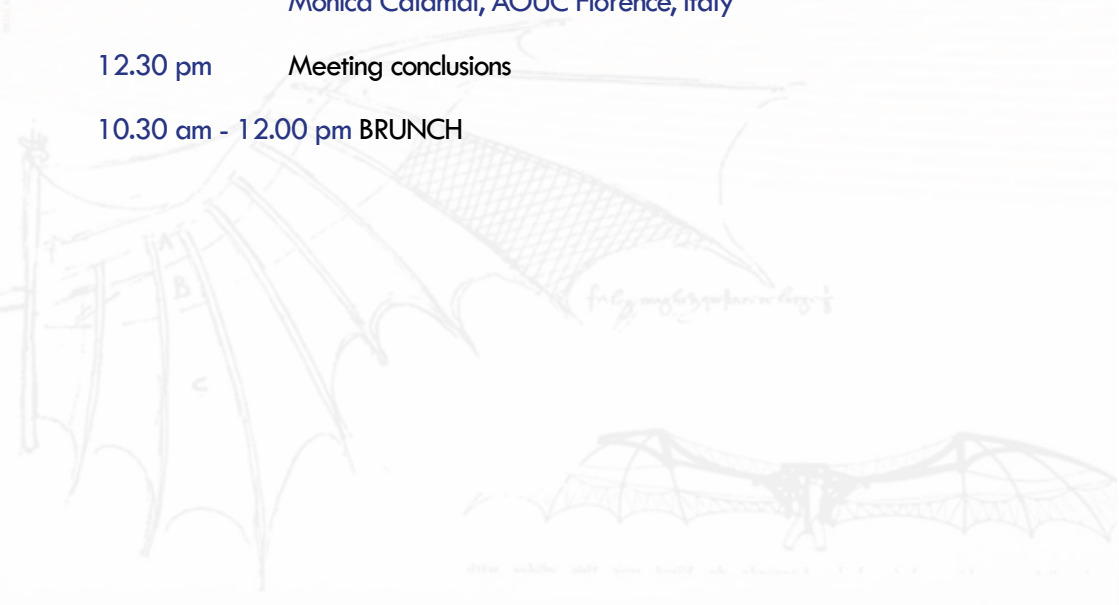
- 02.00 pm Evolving concepts in soft tissue microsurgical reconstruction
Marco Innocenti, AOUC, Florence Italy
- 02.35 pm Innovations in autologous reconstruction of the breast
Jaume Masia, University of Barcelona, Barcelona, Spain
- 03.10 pm Innovation in Plastic Reconstructive Surgery:
from perforator flaps and transplantation
towards tissue engineering
Jan Jeroen Vranckx, University of Leuven, Leuven, Belgium
- 03.45 pm Robotic Microinstruments for Reconstructive Surgery
Giuseppe Prisco, Medical Micro Instruments, Pisa, Italy
- 04.00 pm The Evolution and Development of the Moorfields Network
of Ophthalmic Services
Declan Flanagan, Moorfields Eye Hospital NHS Foundation
Trust, London, UK
- 04.40 pm Non heart beating donation, controlled and uncontrolled
Francisco Del Rio, Hospital Clinico San Carlos, Madrid, Spain
- 05.20 pm Perspectives in transplantation: the role of the clinical networks
Alessandro Nanni Costa, Centro Nazionale Trapianti, Rome, Italy
- 06.00 pm Conclusions

Saturday, October 15th, 2016

**INNOVATION AND ORGANIZATION:
THE IMPACT OF INNOVATION ON HEALTHCARE PLANNING
IN LARGE HOSPITALS**

Chairs: Monica Calamai, Anna Maria Celesti

- 08.30 am New scenarios in Innovation and Technology for healthcare
Politecnico Milano, Italy
- 09.10 am The Alzira Model. Beyond an integrated care organization
Javier Palau, Hospital Ribera, Valencia, Spain
- 09.50 am The Humanitas experience in organization
Norberto Silvestri, Humanitas, Milan, Italy
- 10.30 am The French experience in hospital organization
Patrick Triadou, Université Paris Descartes, Paris, France
- 11.10 am The Gemelli General Hospital experience in organization
Enrico Zampedri, Policlinico Gemelli, Rome, Italy
- 11.50 am The Careggi University hospital experience in organization
Monica Calamai, AOUC Florence, Italy
- 12.30 pm Meeting conclusions
- 10.30 am - 12.00 pm BRUNCH



CONGRESS VENUE

Auditorium CTO
Careggi University Hospital
Largo Palagi 1, Florence, Italy

ORGANIZING SECRETARIAT

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REGISTRATION

Participation to the event is free.

The registration includes: congress kit, admission to scientific sessions, coffee break and working lunch as indicated on the program, certificate of attendance.

To sign up for the event online please visit the following URL:
<http://tigicongress.com/2016/network-large-european-hospitals>
registration will be open until October 6th, 2016

ECM

ECM credits will be awarded.

BADGES

Participants are kindly requested to wear the name badge when entering the congress venue and while accessing any of the services offered during the event. Access to the Congress Centre will not be allowed if the name badge is not shown.

EXHIBITION

An exhibition of the newest pharmaceutical products and medical devices will be organized at the Congress Venue.
Opening hours will conform to the congress activities.

INSURANCE

The organisers are not responsible for individual medical, travel or personal insurance.
Participants and guests should arrange their own coverage.

OFFICIAL LANGUAGES

Italian, English. Simultaneous translation will be provided

LIST OF INVITED SPEAKERS

Andrea Belardinelli

Careggi University Hospital, Florence, Italy

Laurent Bresler

CHRU de Nancy, Hôpital de Brabois, Nancy, France

Monica Calamai

Careggi University Hospital, Florence, Italy

Maxime Cannesson

UCLA, Los Angeles, USA

Marco Carini

Careggi University Hospital, Florence, Italy

Anna Maria Celesti

Fondazione Careggi, Florence, Italy

Robert J. Cerfolio

The University of Alabama hospital at Birmingham, USA

Oded Cohn

IBM Research, Haifa, Israel

Andrea Coratti

Careggi University Hospital, Florence, Italy

Raffaele De Gaudio

Careggi University Hospital, Florence, Italy

Luigi Dei

Chancellor of the University of Florence, Italy

Francisco Del Rio

Hospital Clinico San Carlos, Madrid, Spain

Aaron Fargion,

Careggi University Hospital, Florence, Italy

Declan Flanagan

Moorfields Eye Hospital NHS Foundation Trust, London, UK

Alessandro Grattoni,

Methodist Research Institute, Houston, USA

Marco Innocenti

Careggi University Hospital, Florence, Italy

Luciano Lenzini

University of Pisa, Italy

Jaume Masia

University of Barcelona, Barcelona, Spain

Paul Millman

Intuitive Surgical, Sunnyvale, USA

LIST OF INVITED SPEAKERS

Alessandro Nanni Costa

National Transplants Centre, Rome, Italy

Javier Palau

Hospital Ribera, Valencia, Spain

Demis Paolucci

Loccioni, Angeli di Rosora, Italy

Didier Payen

University of Paris 7 Denis Diderot, Paris, France

Adriano Peris

Careggi University Hospital, Florence, Italy

Ludovic Peyre

CyberKnife, Accuray, Sunnyvale, USA

Giuseppe Prisco

Medical Micro Instruments, Pisa, Italy

Nathalie Rey

EMEA Trust Manager, Google for Work, London, UK

Barry Richards

EMEA Clinical Director, Ekso Bionics, London, UK

Stanislao Rizzo

Careggi University Hospital, Florence, Italy

Stefano Romagnoli

Careggi University Hospital, Florence, Italy

Stefania Saccardi

Councillor for Health and Welfare of Regione Toscana, Florence, Italy

Cornelius Schmaltz

DG Research and Innovation European Commission, Brussels, Belgium

Norberto Silvestri

Humanitas Research Hospital, Milan, Italy

Clemens Suter-Crazzolara

SAP, Walldorf, Germany

Patrick Triadou

Université Paris Descartes, Paris, France

Luca Voltolini

Careggi University Hospital, Florence, Italy

Jan Jeroen Vranckx

University of Leuven, Leuven, Belgium

Enrico Zampedri

Hospital Policlinico Gemelli, Rome, Italy

UNDER THE PATRONAGE OF: