

Summer talks in Bologna on Pediatric and Congenital Cardiac Surgery

SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
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IRCCS Istituto di Ricovero e Cura a Carattere Scientifico

POLICLINICO DI **SANT'ORSOLA**

FIRST EDITION

The double
outlet right
ventricle

JUNE
10-11
2022



INTERNATIONAL
MEETING

BOLOGNA - ITALY

Royal Hotel Carlton

UNDER THE PATRONAGE OF



POLICLINICO DI **SANT'ORSOLA**



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF EXPERIMENTAL, DIAGNOSTIC
AND SPECIALTY MEDICINE



European Association
of Cardiothoracic Anaesthesiology
and Intensive Care



Società Italiana di
Cardiologia Pediatrica e delle
Cardiopatie Congenite



Associazione odv per il futuro dei bambini, dei ragazzi,
degli adulti portatori di cardiopatie congenite

Dear Colleagues,

The Pediatric Cardiac Surgery Unit of Bologna traditionally has been the promoter of high specialized Meeting on The Diagnosis and Treatment of Congenital Cardiac Defects. Given the interest and the enthusiastic answer of all our colleagues, we decided to give birth to a new international appointment here in Bologna starting from June 2022 that will take place every two years.

In the “Summer talks in Bologna on pediatric and congenital cardiac surgery” we will have the opportunity to deepen all the aspects of the congenital cardiac defects from anatomical definition to diagnosis, to surgical treatment.

Our starting point on June 2022 will be “Summer talks in Bologna on pediatric and congenital cardiac surgery: the double outlet right ventricle”.

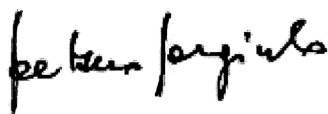
An outstanding Faculty, composed of international experts, will make a focus on anatomy, diagnosis, imaging and surgery of one of the most debated and complex congenital cardiac defect. A special focus will be developed on advanced diagnosis, 3D printing, bioinformatics, augmented reality and simulation. Session opening comprehensive lectures will be followed by multiple Live in Box presentations. Through a viewer friendly layout, an appropriate time for discussion and a constant interaction between the participants and the Faculty, our meeting is ideated to be engaging.

We are looking forward to welcoming you for an unforgettable learning experience!



Dott.ssa Emanuela Angeli

Pediatric and Grown-up Congenital Cardiac Surgery Unit
IRCSS Azienda Ospedaliera Universitaria di Bologna - Italy



Prof. Gaetano D. Gargiulo

Chief of Pediatric and Grown-up Congenital Cardiac Surgery Unit
IRCSS Azienda Ospedaliera Universitaria di Bologna - Italy
Full Professor of the Department of Experimental, Diagnostic and Specialty Medicine
Università di Bologna - Italy

SCIENTIFIC PROGRAM - Friday, June 10th

IMPERIALE HALL

8.30 *Registration*

9.00 **Welcome Greetings**

Gaetano Domenico Gargiulo, Pascal Vouhè

9.30-10.50

SESSION I - ANATOMY, AETIOLOGY AND PRENATAL DIAGNOSIS

Moderators: Andrea Donti, Vladimiro Vida

9.30 **Anatomical classification of DORV**

Gaetano Thiene

9.50 **DORV: Aetiologies and extracardiac malformative associations**

Anwar Baban

10.10 **Prenatal evaluation of DORV**

Anna Balducci

10.30 **Discussion**

10.50 *Coffee break*

11.10-13.00

SESSION II - THE NEONATE WITH DOUBLE OUTLET RIGHT VENTRICLE

Moderators: Mona Momeni, Andrea Giulio Quarti

11.10 **Setting the stage for repair: clinical presentation and challenges early after birth**

Luca Ragni

11.30 **How the cardiologist can influence the surgical strategy**

Damien Bonnet

11.50 **Neonate with DORV: a wide spectrum of surgical approaches**

Carlo Pace Napoleone

12.10 **Discussion**

12.35 **Introduction Main Lecture**

Gaetano Domenico Gargiulo

12.40 **History of DORV: from anatomy to surgery**

Pascal Vouhè

13.00 *Lunch*

SATURNO HALL

13.20-14.00

LUNCH SYMPOSIUM

New vascular radiopaque conduit: exGraft PECA Labs - Italian National Registry

Director: Emanuela Angeli - Moderator: Stefano Marianeschi

13.20 **PECA Registry and Protocol** | *Lucio Careddu*

13.30 **exGraft - Case Studies** | *Arush Kalra*

13.35 **Experience with Fontan** | *Andrea Giulio Quarti*

13.40 **Experience with Shunts** | *Sasha Agati*

13.45 **Discussion**

14.00 **Adjourn**

SCIENTIFIC PROGRAM - Friday, June 10th

IMPERIALE HALL

14.00-14.30

INTRAOPERATIVE MYOCARDIAL PROTECTION IN PEDIATRICS - WHERE DO WE STAND IN 2022? AN UPDATE

Clauss Jurgen Preusse

14.30-16.10

SESSION III - ADVANCED IMAGING DIAGNOSIS

Moderators: Luigi Lovato, Giovanni Battista Luciani

- 14.30 **Role of Computed Tomography in pre-and postoperative evaluation of DORV?**
Fabio Niro
- 14.50 **Advanced diagnosis using cardiac magnetic resonance**
Aurelio Secinaro
- 15.10 **Spatial understanding of DORV using three dimensional echocardiography**
Giovanni Di Salvo
- 15.30 **Use of 3D models in the surgical decision making of DORV**
Israel Valverde
- 15.50 **Discussion**

16.10-18.30

SESSION IV - THE SURGICAL TREATMENT

Moderators: Jürgen Hörer, Lorenzo Galletti

- 16.10 **DORV-VSD is it really a simple operation?**
Emanuela Angeli
- 16.30 **DORV with subaortic ventricular septal defect and infundibular stenosis (Fallot-type) early and long term outcome**
Olivier Raisky
- 16.50 **DORV with subpulmonary ventricular septal defect (TGA-type)**
Viktor Harska
- 17.10 **DORV: complex forms**
Pedro J. Del Nido
- 17.30 **Advanced intraoperative anesthesiological management**
Marta Agulli
- 17.50 **Paediatric cardiac anaesthesia and PICU in complex congenital heart defects: Friend or Fiend?**
Ehrenfried Schindler
- 18.10 **Discussion**
- 18.30 **Closing remarks**

20.30 CONFERENCE DINNER

SCIENTIFIC PROGRAM - Saturday, June 11th

IMPERIALE HALL

9.00-10.30

SESSION V - SURGICAL PROBLEMS ALONG THE ROAD

Moderators: Lucio Careddu, Viktor Hraska

- 9.00 **Surgical management of LVOT obstruction after biventricular repair**
Guido Oppido
- 9.20 **Coronary arteries complication after primary repair**
Olivier Raisky
- 9.40 **My surgical nightmares after DORV repair**
Pedro J. Del Nido
- 10.00 **Discussion**
- 10.30 *Coffee break*

11.00-13.10

SESSION VI - LATE OUTCOMES

Moderators: Andrea Donti, Roberto Formigari, Francesco Dimitri Petridis

- 11.00 **The unresolved issue of pulmonary valve replacement in conotruncal abnormalities**
Gabriele Egidy Assenza
- 11.20 **Delaying the inevitable.... transcatheter treatment prior to pulmonary valve replacement**
Shabana Shahanavaz
- 11.40 **Late advances in RVOT transcatheter functional restoration**
Mario Carminati
- 12.00 **Is there still a role for surgical pulmonary valve replacement after DORV repair?**
Giovanni Battista Luciani
- 12.20 **MASA Valve - Introduction to Ultra-low-porosity valve materials & design**
Arush Kalra
- 12.35 **The problem of lifetime ventricular arrhythmia burden in DORV**
Elisabetta Mariucci
- 12.55 **Discussion**
- 13.10 *Lunch*

SATURNO HALL

13.30-14.30

LUNCH SYMPOSIUM

Hemostasis and adhesion management in pediatric cardiac surgery

Moderators: Lorenzo Galletti, Massimo Padalino

- 13.30 **The main complications in re-interventions in pediatric cardio surgery**
Andrea Giulio Quarti
- 13.45 **Evidence & Clinical practice: the use of anti-adhesions**
Carlo Pace Napoleone
- 14.00 **The management of the patient with congenital heart disease**
Massimo Padalino
- 14.15 **Discussion**

SCIENTIFIC PROGRAM - Saturday, June 11th

IMPERIALE HALL

14.45-17.15

SESSION VII - ADVANCED ASSESSMENT OF MECHANICAL FUNCTION PRE AND POST-SURGERY

Moderators: *Valentina Ciriello, Alessandro Giamberti, Francesca Raimondi*

- 14.45 **Computational fluid dynamics in DORV**
Gianni Pedrizzetti
- 15.05 **3D printing for surgical planning in DORV?**
Elena Giulia Milano
- 15.25 **From reality to augmented reality through virtual reality AR thought VR in DORV**
Emanuela Marcelli
- 15.45 **Additive manufacturing workflow**
Francesco Puzello
- 16.05 **Teaching surgery using dry lab**
Massimo Padalino
- 16.25 **Can we push the limits of surgical repair?**
Jürgen Hörer
- 16.45 **Discussion**
- 17.15 **End of the Meeting**
Emanuela Angeli, Gaetano Domenico Gargiulo

CONGRESS PRESIDENTS

Gaetano Domenico Gargiulo, Bologna - Italy

Emanuela Angeli, Bologna - Italy

HONORARY PRESIDENT

Pascal Vouhè, Paris - France

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Gaetano Thiene, Padua - Italy

Israel Valverde, London - UK

Vladimiro Vida, Padua - Italy

Pascal Vouhè, Paris - France

GENERAL INFORMATION

MEETING WEBSITE

<https://summertalks2022.noemacongressi.it>

VENUE

Royal Hotel Carlton

Via Montebello, 8

40121 Bologna - Italy

The Hotel is in the centre of Bologna near railway station and just a short walk from Piazza Maggiore and the Two Towers.

SOCIAL PROGRAMME

Conference Dinner on Friday, June 10th

Golf Club Siepelunga - Boccone del Prete Restaurant

Dinner fee: € 70,00 (22% VAT included)

OFFICIAL LANGUAGE

The official language of the Meeting is English.

HOTEL RESERVATION

It is possible to make an online reservation at meeting website.

A number of rooms have been booked for Meeting participants.

COVID-19 CONTAINMENT MEASURES

Participation will be subject to the current regulations.

All updates will be available on the meeting website.

REGISTRATION

HOW TO REGISTER

Online registration at <https://summertalks2022.noemacongressi.it>

REGISTRATION FEES

On-site participation

	Before April 15 th	After April 15 th
Physicians	€ 244,00 (22% VAT included)	€ 366,00 (22% VAT included)
Nurse	€ 122,00 (22% VAT included)	€ 122,00 (22% VAT included)
Perfusionist		
Resident		
Bioengineer		

Registration fee include:

- Access to the Scientific sessions of the Meeting
- Congress kit
- Certificate of attendance
- Coffee break

On-line participation

Dedicated tutorial fee: € 122,00 (22% VAT included)

Those who are unable to attend the in-person conference will be given the opportunity to register for a short online pre-recorded 2 hours program on specific topics such as 3D printing/clinical cases/prenatal valves/imaging.

Access to the Event recording (after the Conference): € 183,00 (22% VAT included)



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ORGANIZING SECRETARIAT

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