

Bologna Heart Surgery Symposium

Focus on Heart Failure



BHSS

2nd edition



Bologna, Italy • September 22-23, 2023

SYMPOSIUM DIRECTOR



Davide Pacini
Chief, Cardiac Surgery Unit
IRCCS Azienda Ospedaliera Universitaria di Bologna - Italy
Full Professor of the Department of Medical and Surgical
Sciences - Università di Bologna - Italy

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UNDER THE PATRONAGE OF



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI
SCIENZE MEDICHE E CHIRURGICHE



POLICLINICO DI **SANT'ORSOLA**



COLLEGIO
DEI PROFESSORI UNIVERSITARI
DI CARDIOCHIRURGIA
Italian College of Cardiac Surgeons



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Sandro Sponga, Udine - Italy
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Koji Takeda, New York - USA
Giuseppe Tarantini, Padua - Italy
Vincenzo Tarzia, Padua - Italy
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Gianfranco Tortorici, Bentivoglio (BO) - Italy
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Stefano Urbinati, Bologna - Italy
Serafina Valente, Siena - Italy
Igor Vendramin, Udine - Italy
Alessandro Verde, Milano - Italy
Federica Zanzico, Bologna - Italy
Andreas Zuckermann, Vienna - Austria

13.00 Participants' registration

14.00 Welcome greetings

Davide Pacini

Symposium Director

Giorgio Arpesella

Honorary Chairman

Raffaele Donini

Assessore alle Politiche per la Salute, Regione Emilia Romagna

Giovanni Molari

Rettore Alma Mater Studiorum - Università di Bologna

Chiara Gibertoni

Direttore Generale

IRCCS Azienda Ospedaliero-Universitaria di Bologna Policlinico di Sant'Orsola

Alessandro Parolari

Presidente della Società Italiana di Chirurgia Cardiaca SICCH

14.30-16.20

Session I - ADVANCED CHRONIC HEART FAILURE CLASSIFICATION, DIAGNOSIS AND MANAGEMENT

Moderators: G.D. Gargiulo, A. Terzi, S. Urbinati

14.30 Epidemiology, pathophysiology and real clinical impact

A. Gkouziouta

14.40 Genetic cardiomyopathies: an underestimated problem?

M. Dal Ferro

14.50 Pulmonary hypertension in advanced chronic heart failure: significance, treatment and prognosis

N. Galiè

15.00 Diagnostic work-up and prognostic factors

M. Graziosi

15.10 The role of pharmacological treatment: how to choose and when to use the right drugs?

A. Verde

15.20 Role and perspectives of interventional cardiology in advanced heart failure: the cardiological point of view

G. Tarantini

15.30 Patients' selection, new devices and outcomes in complex transcatheter procedures: the surgical point of view

P. Denti

15.40 Pushing the limits of conventional surgery: when and how

H. Takayama

15.50 Discussants

L. Di Marco, T. Palmerini, A. Rubboli

16.20-17.25 Symposium sponsored by Abbott

LVAD THERAPY: INNOVATION AND OUTSTANDING CLINICAL OUTCOMES THAT MAKE A MEANINGFUL DIFFERENCE IN YOUR PATIENTS' LIVES

Moderators: P. Lanmüller, L. Potena

16.20 INTRODUCTIVE LECTURE

Multi-Disciplinary Approach to LVAD Candidacy: from GPs and Cardiologist to Cardiac Surgeon

P. C. Colombo

16.30 Patient Selection for LVAD Therapy: a Moving Target

A. Gkouziouta

16.40 Long-term MCS Outcomes: Momentum III 5 years and ELEVATE Data

G. Baudry

16.50 HTx: is it still an option for everyone?

J. González-Costello

17.00 Changing paradigms: Should we transplant stable LVAD patients? From BtT to DT

L. Botta

17.10 Discussion

17.25-19.00 SESSION II - CARDIAC TRASPLANTATION: FROM DONORS TO RECIPIENTS

Moderators: M. De Feo, G. Gerosa, M. Senni

17.25 How to manage the donor and the graft: the key role of the anesthesiologist

E. Cerchierini

17.35 The importance of marginal donation: scouting and courage

S. Martín-Suarez

17.45 How to improve organ procurement: past, present and future of the allocation system

M. Cardillo

17.55 New preservation systems vs. standard cold storage: is it time to expand the donor pool?

S. Sponga

18.05 How to manage immunity

L. Potena

18.15 Mechanical circulatory support as bridge to heart transplantation: devices, techniques and outcomes

K. Takeda

18.25 Multiple organ transplantation: logistics and current results

M. Rinaldi

18.35 Discussants

A. Leone, M. Maccherini, G. Sangiorgi, S. Tsui

SCIENTIFIC PROGRAM • SEPTEMBER 23, 2023

8.50-10.40

SESSION III - ACUTE HEART FAILURE AND CARIOGENIC SHOCK

Moderators: G. Guardigli, P. Ivak, F. Nicolini

- 8.50 **Acute heart failure and cardiogenic shock: pathophysiology, evolving definition and monitoring**
M. Pieri
- 9.00 **Risk scores and survival prediction in patients with acute decompensated heart failure**
A. Iacovoni
- 9.10 **Diagnostic work-up**
G. Bracchetti
- 9.20 **Hub and spoke in CS: strengths and limits**
S. Valente
- 9.30 **Postcardiotomy cardiogenic shock: when the surgeons are in trouble**
F. Onorati
- 9.40 **Metabolic implications and need for non-invasive/invasive respiratory support: the anesthesiological point of view**
E. De Robertis
- 9.50 **The role of pharmacological treatment: how to choose the right drugs?**
F. Grigioni
- 10.00 **Malignant arrhythmias: when to support and how to manage while supporting**
M. Biffi
- 10.10 **Discussants**
S. Pelenghi, B. Sassone, G. Tortorici
- 10.40 *Coffee Break*

11.10 -13.00

SESSION IV - TEMPORARY MECHANICAL CIRCULATORY SUPPORTS

Moderators: G. Casella, E. Pilato, C.F. Russo

- 11.10 **IABP, microaxial flow pumps and percutaneous devices**
F. Saia
- 11.20 **How to set an ECMO support: cannulations and configurations**
T. Bottio
- 11.30 **Pumps and circuits for ECMO: perfusion implications**
F. Zanzico
- 11.40 **Unloading the LV in ECMO patients**
F. Musumeci
- 11.50 **ECMO in lung transplant**
F. D'Ovidio
- 12.00 **Myocarditis: management and outcomes**
L. D'Angelo
- 12.10 **Anticoagulation for temporary MCS**
M. Ranucci
- 12.20 **Paracorporeal VADs: indications, timing, surgical techniques and outcomes**
H. Takayama
- 12.30 **Discussants**
C. Amarelli, G. Dolci, A. Santarelli, I. Vendramin
- 13.15 *Lunch*

14.00-16.00

SESSION V - LONG TERM MECHANICAL CIRCULATORY SUPPORTS

Moderators: P. C. Colombo, U. Livi, M. Pilato

- 14.00 **History and evolution of durable mechanical circulatory support**
A. Loforte
- 14.10 **Selection criteria and timing for d-VAD implantation**
L. Botta
- 14.20 **The mysteries of the right ventricle: the importance of perioperative echocardiography**
B. De Chiara
- 14.30 **Right heart catheterization: what have we learnt?**
M. Masetti
- 14.40 **Minimally invasiveness for durable MCS**
K. Takeda
- 14.50 **Concomitant cardiac surgery procedures during LVAD implantation**
P. Lanmüller
- 15.00 **Perioperative RV support in LVAD implantation: tips and tricks**
P. Ivak
- 15.10 **Post-operative F-up in LVAD recipients: prevention and treatment of complications**
A. Russo
- 15.20 **Discussants**
M. Baiocchi, L. Potena, F. Santini, V. Tarzia
- 16.00 **MAIN LECTURE- Current perspectives of “full heart replacement therapy”:
from d-MCS to xenotransplantation**
A. Zuckermann

16.30-18.00

SESSION VI - THE FUTURE

Moderators: M. Cardillo, P. Lanmüller, D. Pacini

- 16.30 **Cardiac Recovery: new opportunities with LVAD, gene and cell therapy**
P. C. Colombo
- 16.40 **Basic science and organ preservation: from bench to bedside**
G. Ferrari
- 16.50 **DCD heart transplantation: for a few but not for all?**
S. Tsui
- 17.00 **Future of implantable MCS: miniaturization, haemocompatibility, and leadless technology**
P. Ivak
- 17.10 **Artificial intelligence and total artificial heart: from biological to mechanical solutions**
G. Gerosa
- 17.20 **Discussants**
F. Grigioni, A. Nanni Costa, M. Rinaldi
- 18.00 **Closing remarks**
D. Pacini
- 18.30 **Prize Cocktail**

GENERAL INFORMATION

MEETING WEBSITE

<https://bhss2023.noemacongressi.it>

VENUE

Royal Hotel Carlton

Via Montebello, 8 - 40121 Bologna (Italy)

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

SOCIAL PROGRAMME

CONFERENCE DINNER

Friday, September 22th at 20.30

Villa Scarani

Via dell'Osservanza, 41 - 40136 Bologna

Villa dei Marchesi Scarani is a beautiful hilly patrician residence dating from the 18th century, only a 5-minute drive from the centre of Bologna.

Built by Marquis Nicolò Scarani for his holidays, the Villa is now dedicated to hosting exclusive events.

Meeting point Hotel Carlton at 20.00, transfer by bus.

Parking available.

PRIZE COCKTAIL

Saturday, September 23rd at 18.30

It is our great pleasure to host a networking cocktail: it will be a great opportunity to relax and have fun together after the intense program of the symposium.

The event will be fired up by a contest on the congress topics open to younger colleagues with the opportunity to win a prize.

REGISTRATION

REGISTRATION FEES

Physician	€ 150.00 + 22% VAT
Physician SICCH Members*	€ 100.00 + 22% VAT
Trainee	€ 100.00 + 22% VAT
Perfusionist	€ 100.00 + 22% VAT
Nurse	€ 100.00 + 22% VAT
Conference Dinner	€ 60.00 + 22% VAT

**Reduced fee for individual registrations only*

HOW TO REGISTER

On-line registration at <https://bhss2023.noemacongressi.it>

Registration fee includes:

- Access to the Scientific sessions of the Symposium
- Conference kit
- Certificate of attendance
- Coffee break
- Light lunch

OFFICIAL LANGUAGE

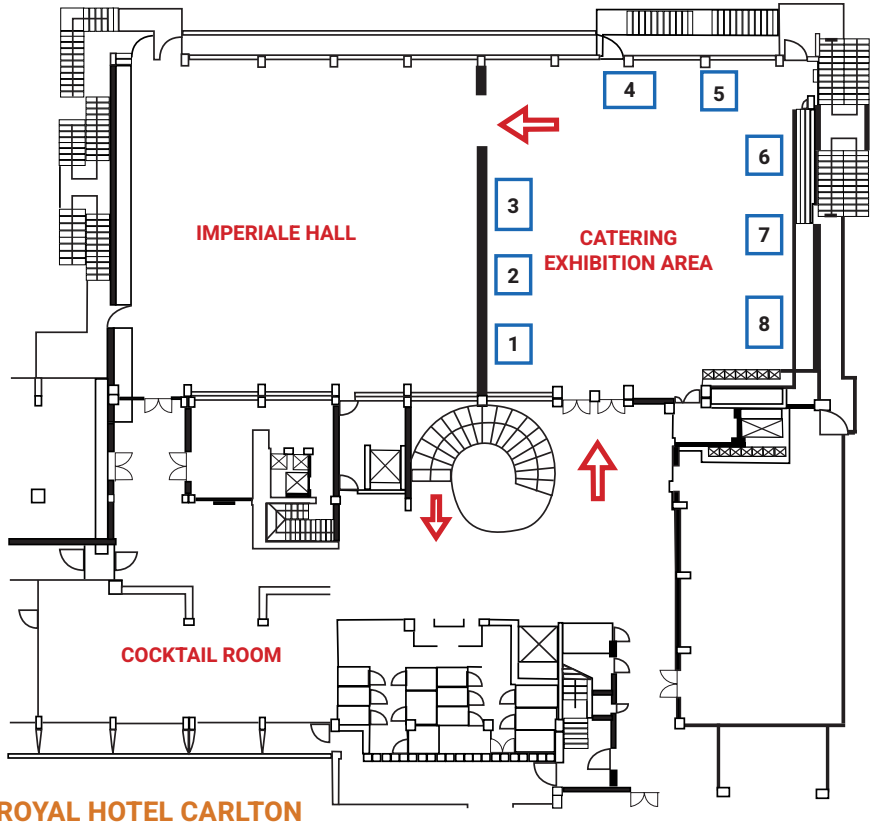
The official language of the Symposium is English.

CERTIFICATE OF ATTENDANCE

The certificate of attendance will be sent by e-mail at the end of the Symposium.



EXHIBITION AREA



EXHIBITION AREA:

1. APTIVA MEDICAL
2. GADA
3. VEGA
4. LIVANOVA
5. LEVI BIOTECH
6. EUROSETS
7. XVIVO
8. GETINGE

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