Bologna Heart Surgery Symposium



1st edition



Bologna, Italy • September 12-13, 2022

SYMPOSIUM CHAIRMAN



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IRCCS Azienda Ospedaliera Universitaria di Bologna - Italy
Full Professor of the Department of Experimental, Diagnostic
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VIRTUAL & MIXED REALITY MINI-WORKSHOP Frozen Elephant Trunk procedure-demonstration

Book your experience!

Imagine being in the operating room at the St. Orsola Hospital and, without leaving the theater, participating in a Frozen Elephant Trunk procedure by being able to get close to the operating table to observe, in detail, the tips and tricks useful for implanting the hybrid prosthesis and then being able to evaluate the final result with a postoperative angioCT scan!

VIRTUAL ROOM

- September 12 from 10.00 am to 6.00 pm
- September 13 from 9.00 am to 4.00 pm

The duration of each session is 30 minutes.

The booking is highly recommended at the registration desk.



MONDAY, 12TH SEPTEMBER 2022

8.00	Participants' registration		
8.15	Welcome greetings Davide Pacini Roberto Di Bartolomeo		
	Raffaele Donini		
	Assessore alle Politiche per la Salute, Regione Emilia Romagna		
	Giovanni Molari Rettore Alma Mater Studiorum - Università di Bologna		
	Consuelo Basili Direttore Sanitario IRCCS Azienda Ospedaliero-Universitaria di Bologna Policlinico di Sant'Orsola		
	Alessandro Parolari		
	Presidente della Fondazione Cuore Domani SICCH Research ONLUS Vicepresidente Società Italiana di Chirurgia Cardiaca		
08.30	SESSION I		
10.00	NEW DIAGNOSTIC TOOLS IN AORTIC PATHOLOGY: THE ROLE OF INNOVATION AND TECHNOLOGY		
	Moderators: F. Musumeci, J. Umana		
8.30	Augmented Reality in support to Cardiac Surgery: Opportunities and Challenges V. Corbetta, M. Grillo		
8.45	Spectral CT imaging, CT dual energy and RM 4D flow in the diagnosis of aortic diseases L. Lovato		
9.00	3D printing and its future directions in aortic diseases P. Magagna		
9.15	Artificial Intelligence in Aortic Surgery: from benchmark data to clinical application M. Bashir		
9.30	Progress of robotic system application in aortic surgery P. Vitasek		
10.00	Coffee break		
10.30 13.00	SESSION II INNOVATIVE APPROACHES FOR AORTIC VALVE Moderators: M. Cassese, J. Kempfert		
	Live Surgery Demonstration - Aortic Valve-Sparing		
	From the Operating Room of the S. Orsola Hospital		
	G. El Khoury, H.J. Schäfers and S. Orsola team members		
10.30	New data from the STS/ACC TVT Registry of Transcatheter Agric		

10.42 TAVI in complex scenario: aortic valve insufficiency and bicuspid aortic valve

M. Romano

Valve Replacement

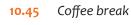
J. Bavaria

10.54	Which valve for which patient: minimal invasive Sutureless vs TAVI? M. Thielmann	
11.06	Robotic-assisted aortic valve surgery: state of the art and challenges for the future S. Cerny	
11.18	Balloon-expandable TAVI in complex anatomical situations - LIVE IN A BO . <i>F. Musumeci</i>	
11.30	Perceval Sutereless Bioprostesis: a smart solution for complex cases - VIDEO G. Troise	
11.37	Step-by-Step optimized TAVI procedure: how we do it today - VIDEO A. Messina	
13.00	Break	
14.00 16.30	SESSION III THE ROOT AND THE ASCENDING: THE GATEWAY TO THE AORTIC HIGHWAY Moderators: J. Bavaria, W. Morshuis	
	Live Surgery Demonstration - Aortic Valve-Sparing From the Operating Room of the S. Orsola Hospital G. El Khoury, H.J. Schäfers and S. Orsola team members	
14.15	The current status and prospect of catheter-based treatment of	
	ascending aorta and aortic root diseases E. Roselli	
14.27		
14.27 14.39	E. Roselli The Ross procedure in adults. LIVE IN A BOX	
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16.00	LECTURE: Milestones in the cerebral protection: the Japanese contribution Y. Ueda			
16.30	Coffee break			
17.00 19.00	SESSION IV THE AORTIC ARCH: WHERE ARE WE? Moderators: M. Grabenwoger, K. Tsagakis			
17.00	Cerebral protection in aortic arch surgery: cannulation strategies according to the joint Bologna and Columbia experience H. Takayama			
17.12	Total arch replacement without the need for DHCA G. Matalanis			
17.24	Open aortic arch repair: a step-by-step procedure - VIDEO L.C. Maroto			
17.31	Classic ET Frozen Elephant Trunk and then what? Future perspectives M.L. Shrestha			
17.43	How I do FET procedure at the Asan Medical center - Seoul - VIDEO S.J. Choo			
17.50	Redo Aortic Arch Surgery L.N. Girardi			
18.02	Redo arch with the Frozen Elephant Trunk - VIDEO F. Schoenhoff			
18.09	Hemiclamshell incision as an option for complex arch surgery K.H. Park			
18.21	Anatomical reconstruction of aortic arch aneurysm with right aberrant subclavian artery. LIVE-IN-A-BOX L. Di Marco			
18.33	Results of endovascular aortic arch repair: differences and initial results of current devices M. Czerny			
18.45	Correction of an aortic arch aneurysm with the NAJUTA graft: a live case - VIDEO R. Silingardi			
18.52	Nexus endovascular aortic arch system: live in a box - VIDEO A. D'Onofrio			
19.00	Closing remarks			
20.30	Conference Dinner			

TUESDAY, 13TH SEPTEMBER 2022

IULSL	OAT, 13 SEFTEMBER 2022
08.30	SESSION V
10.45	ACUTE AORTIC SYNDROME: STATE OF THE ART Moderators: A. Alizadeh Ghavidel, A. Estrera
8.30	State of the Art in Acute Aortic Syndrome 1. Vilacosta
8.42	Aortic arch replacement in acute Type A dissection: more FET or more hybrid? H. Ogino
8.54	Acute Aortic Dissection in China L. Sun [remote speaker - live streaming]
9.06	Angioscopy guiding decision making for full aortic repair in Type A Aortic Dissection K. Tsagakis
9.18	Uncovered stents for Aortic Arch in Type A Acute Aortic Dissection LIVE-IN-A-BOX J. Kempfert
9.30	The new STS-AATS guidelines on the management of Type B aortic dissection: what is changed? H. Patel
9.42	Type B Intramural Hematoma: watchful waiting or immediate treatment? R. Heijmen
9.54	Total arch replacement with Axillofemoral bypass in case of lower limb malperfusion and paraplegia - VIDEO M. Idhrees
10.01	Acute Aortic Arch Re-routing - VIDEO G. Gelpi
10.08	Acute Aortic Syndrome - Hematoma/Dissection - VIDEO J. Olivello
10.15	Type A acute aortic dissection repair: modified Samurai technique, decision-making based on aortic arch fiberoptic endoscope findings and use of AMDS® prosthesis - VIDEO R. Pruna-Guillen
10.22	Acute type A Aortic Dissection repair: unexpected early dilatation of residual dissection of sopra aortic vessels treated with FET and extra-anatomical revascularization - VIDEO I. Vendramin
10.29	Brachiocephalic trunk canulation technique for aortic surgery - VIDEO C. Paulsen





11.1 <u>5</u> 13.10	SESSION VI FOCUS ON DESCENDING AND THORACO-ABDOMINAL AORTIC ANEURYSMS Moderators: J. Coselli, M. Schepens	
11.15	Advances in Spinal Cord Protection: the PAPA-ARTIS trial C. Etz	
11.27	Chronic Dissection: FEVAR and BEVAR - when and how! D. Adam	
11.39	Open TAAA repair in connective tissue disease: techniques and results A. Estrera	
11.51	Infection of thoracic aortic grafts and endografts Y. Okita	
12.03	How I do open TAAA repair - LHBP. LIVE-IN-A-BOX R. Chiesa	
12.15	How I do open TAAA repair - CPB. LIVE-IN-A-BOX A. Oo	
12.27	How I do endo TAAA repair - LIVE-IN-A-BOX F. Buia	
12.39	"STABILISE" complicated type B aortic dissections - VIDEO G. Melissano	
12.46	Complex open repair of the descending thoracic aorta in a case of coarctation: skin-to-skin - VIDEO V.V. Bashi	
12.53	One stage surgical and endovascular treatment of the whole thoracic aorta: from the valve to the diaphragm - VIDEO A. Agostinelli	
13.00	The Thoracoflo GRAFT for thoracoabdominal hybrid repair - VIDEO S. Wipper	
13.07	Relay Branched Arch Endograft for Residual Type B Aortic Dissection - VIDEO V. Riambau	
13.15	Break	
14.00	Huge thoraco-abdominal aortic pseudo-aneurysm in a patient with previous Frozen Elephant Trunk operation - VIDEO A.A.A. Amirghofran	
14.07	TEVAR+Insitu Fenestration (Needle-Assisted). A New endovascular solution for complex thoracic arch repair - VIDEO G. Murana	

Open descending aortic replacement after E-vita Open Plus - VIDEO G. Sisinni

14.14

14.00 LECTURE:

A journey in the history of the Aortic Surgery: lesson from a Master J. Coselli

15.00 SESSION VII

16.00 GREAT DEBATE ON ACUTE AORTIC DISSECTION

Moderators: S. Lansman, M. Kuduvalli, D. Pacini

Discussants: J. Bavaria, R. Di Bartolomeo, M. Grabenwoger, Y. Okita, H. Patel, M. Schepens

HOT TOPICS:

Malperfusion in acute type A:

Cerebral - Visceral - Myocardial

Aortic root management:

Valve-sparing – Root preservation

Acute Non-A Non-B:

Arch management

Future perspective on endovascular treatment for acute Type A

16.00 Closing remarks

D. Pacini



VIDEO ROOM

A selection of the received video will be available for consultancy in the Video room:

- Extrapleural approach for thoracoabdominal infected aortic endograft: surgical and circulatory strategies
 V. Tolva
- 2. Redo aortic valve replacement: how difficult is the perceval valve explantation?

 A. Ricasoli
- 3. An insolit endovascular journey: migration of Amplatzer™ atrial septal defect Occluder in aortic arch requiring surgical removal G. Ascione
- 4. Aortic Valve replacement via Right Anterior mini thoracotomy and sutureless valve
 M. Del Giglio
- 5. Thoraflex implant S. lesu
- 6. Emergent repair of aortic arch after previous Ascending Aorta
 Replacement
 S.K. Forozan Nia
- Use of the Frozen Elephant Trunk technique for type B aortic dissection and aberrant right subclavian artery
 Pacini
- 8. Branched Endograft for total arch repair step by step procedure
 L. Di Marco
- Frozen Elephant Trunk with E-vita open NEO
 A. Leone
- 10. Valve Sparing aortic root replacement in bicuspid aortic valve C. Savini
- 11. FET and David procedure using Thoraflex hybrid graft in acute type A aortic dissection
 G. Murana
- 12. Residual type A aortic dissection in a Marfan patient: FET and Bentall S. Martin-Suarez
- 13. Frozen Elephant Trunk in a Shaggy Aorta
 A. Loforte
- 14. Hybrid two stage repair of a thoracoabdominal aneurysm
 R. Di Bartolomeo
- 15. Prosthesis sparing operation after previous aortic valve replacement
 G. Folesani

GENERAL INFORMATION

SYMPOSIUM VENUE

Palazzo della Cultura e dei Congressi

P.zza della Costituzione 4/a 40128 Bologna - Italy

SECRETARIAT ON SITE

The reception desk will be open at the Symposium venue on the following days:

- Monday, 12th September 7.30 19.00
- Tuesday, 13th September 8.00 17.00

OFFICIAL LANGUAGE

The official Course language is English.

ELECTRONIC BADGE

Electronic badge allows the access to the scientific sessions and to any service purchased during your registration (Conference Dinner).

Please **PRINT your badge**, you will find the badge holder in your congress kit that you may collect at the symposium venue.

SOCIAL PROGRAMME

MONDAY, 12 th SEPTEMBER AT 8.30 PM

CONFERENCE DINNER

Palazzo Re Enzo Piazza del Nettuno, 1 - 40125 Bologna

Please bring your badge

Palazzo Re Enzo was built between 1244 and 1246 as an extension of the other municipal buildings. Just three years later, it became the "Residenza" of the imprisoned king of the battle of Fossalta: King Enzo of Sardinia, son of Federico II who spent here twenty-three years until his death in 1272. Many legends about this historical figure flourished in popular literature.

TUESDAY, 13th SEPTEMBER

BOLOGNA GUIDED TOUR

The Piazza Maggiore tour includes visits to all the buildings and monuments surrounding the main square of Bologna: Palazzo d'Accursio, Palazzo dei Notai, Palazzo di Re Enzo, Palazzo del Podestà and Fontana del Nettuno. There is a visit to Basilica di San Petronio and a walking tour through the historical centre and its traditional market.

The meeting point is in front of the Neptune fountain in Piazza Maggiore at 10.00 a.m

BHSS

CERTIFICATION OF ATTENDANCE

Certificates of Attendance will be sent by e-mail at the end of the Symposium.

• COVID19

We remind everybody that wearing a FFP2 mask is mandatory in Italy on public transportation (Trains, Buses, Taxis, etc.)

Hand sanitizer will be available at the conference venue. In case of need, a stock of FFP2 masks will be available at the venue.

REGISTRATION FEES

(price including 22% VAT)

Physician	€ 671,00
Physician SICCH Members*	€ 549,00
Trainees	€ 122,00
Perfusionist	€ 122,00
Nurse	€ 122,00
Accompanying guests	€ 122,00
Conference dinner	€ 122,00

^{*}Reduced fee for individual registrations only

REGISTRATION

• Registration fee includes:

Admittance to all sessions, access to the exhibition, Congress kit, coffee breaks on 12th and 13th September.

Participation to Virtual&Mixed Reality Mini-workshop.

• Registration fee for Accompanying guests includes:

Conference dinner on 12th September, a guided tour on 13th September.

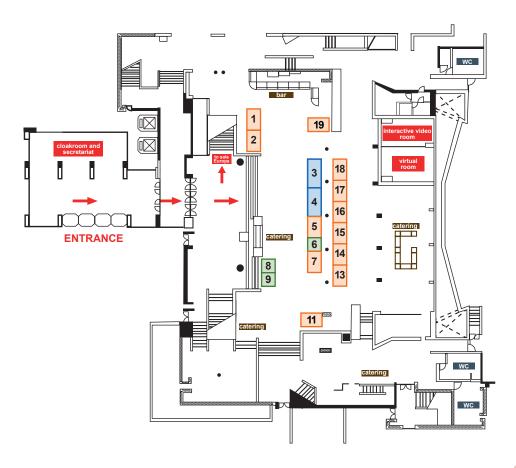
WEBSITE

https://bhss2022.noemacongressi.it

NOTES



EXHIBITION AREA



- 1: 3-D Matrix
- 2: Medical Instruments
- 3: Terumo Aortic
- 4: Medtronic Italia
- 5: Corcym
- **6:** Normeditec
- **7:** Artivion
- 8: Levi BioTech
- 9: Aptiva Medical

- 11: Axsan
- 13: Pro.Med.
- 14: Getinge Italia
- 15: Eurosets
- 16: Cook Medical
- 17: Assut Europe
- 18: LivaNova
- 19: Crossmed

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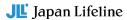
























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