

COURSE
ALL ABOUT PERCUTANEOUS
PULMONARY VALVE REPLACEMENT
in person & streaming
Thursday 12 December 2024
University Hospital Ramón y Cajal. Madrid
Joaquín Ortuño Meeting Room

**Ballon
expandable**



Melody



Edwards S3



Myval



**Self
expandable**



Venus P-valve



HARMONY Valve



Pulsta Valve



Organizing:
Pediatric Cardiology and Congenital Heart Disease Department
Ramón y Cajal University Hospital, Madrid, Spain

Endorsed by:



 **Hospital Universitario**
Ramón y Cajal



This activity is approved by the Spanish Foundation of Health Technology Companies (FENIN)

COURSE

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WEDNESDAY 11th December

PRECOURSE (limited number of inscriptions)

08:00-16:00 h. PPVI cases in the cathlab

Dr. María Jesús del Cerro Marín

Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

Dr. María Álvarez Fuente

Department of Pediatric Cardiology
University Hospital Ramon y Cajal. Madrid, Spain

3D TEE in the cathlab

Dr. Pei- Ni Jone MD

Director, Echocardiography Laboratory, Ann & Robert H. Lurie
Children's Hospital of Chicago. USA

THURSDAY 12th December

08:30 h. WELCOME AND OPENING REMARKS

Dr. D. Fernando Roldán Moll

Subdirector Médico
University Hospital Ramón y Cajal. Madrid, Spain

Dr. María Jesús del Cerro Marín

Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

08:40-09:40 h. The IDEAL TIMING FOR PPVI

Moderators: Dr. Pablo Meras Colunga

Clinical Cardiology and Congenital Heart Disease Unit
Department of Cardiology
University Hospital La Paz. Madrid, Spain

THURSDAY 12th December

Dr. Pastora Gallego García de Vinuesa

Adult Congenital Heart Disease Unit
University Hospital Virgen del Rocío. Sevilla, Spain

Dr. Pedro Betrián Blasco

Pediatric Cardiology Department
University Hospital Vall d'Hebrón. Barcelona, Spain

08:40-08:55 h. **Don't wait until the right atrium is dilated**

Dr. Marc Gewillig

Pediatric Cardiology Department
Faculteit Geneeskunde KU Leuven Faculty of Medicine
University Hospital UZ Leuven. Belgium

08:55-09:10 h. **PVR: as late as possible**

Dr. Andrés Alonso Fernández

Clinical Cardiology and Congenital Heart Disease Unit
Department of Cardiology
University General Hospital Gregorio Marañón. Madrid, Spain

09:10-09:40 h. **Discussion**

09:40-10:25 h. Challenging CASES of PPVI

Moderators: Dr. María Jesús del Cerro Marín

Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

Dr. Marc Gewillig

Pediatric Cardiology Department
Faculteit Geneeskunde KU Leuven Faculty of Medicine
University Hospital UZ Leuven. Belgium

(6 min case presentation, 9 min discussion)

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- 09:40-09:55 h. **Case 1**
Dr. James Bentham (online)
Pediatric Cardiology Department
Nuffield Health Leeds Hospital. UK
- 09:55-10:10 h. **Case 2**
Dr. Gianfranco Butera MD, PhD, FSCAI
Director of Pediatric and Congenital Cardiac Catheterization
Bambino Giesù Hospital. Rome, Italy
- 10:10-10:25 h. **Case 3**
Dr. Juan Pablo Sandoval Jones
Pediatric Cardiologist. Intervention in Congenital Heart Disease
Texas Children's Hospital. Texas, USA
- 10:25-10:50 h. COFFEE BREAK**
- 10:50-11:50 h. IMAGING TECHNIQUES IN THE EVALUATION OF PPVI**
- Moderators:** **Dr. Carmen Jiménez López Guarch**
Image Unit. Department of Cardiologist
University Hospital 12 de Octubre. Madrid, Spain
- Dr. Esther Pérez David**
Cardiac Imaging Area. Department of Cardiology
University Hospital La Paz. Madrid, Spain
- Dr. Jesús Martín Pinacho**
Department of Radiology
University Hospital Ramon y Cajal. Madrid, Spain

THURSDAY 12th December

- 10:50-11:05 h. **New echo techniques in the evaluation of PPVI timing and in the follow-up**
Dr. Pei- Ni Jone MD
Director, Echocardiography Laboratory,
Ann & Robert H. Lurie. Children's Hospital of Chicago. USA
- 11:05-11:20 h. **MRI in the evaluation of timing for PPVI: Beyond RV volume**
Dr. Blanca Gordon Ramírez
Integrated Adult Congenital Heart Disease Unit, Vall d'Hebron
University Hospital—Santa Creu i Sant, Pau University Hospital.
Barcelona, Spain
- 11:20-11:35 h. **MRI and CT in the evaluation of suitability for PPVI**
Dr. Phuoc Duong MD
Division of Imaging Sciences and Biomedical Engineering
King's College London. UK
- 11:35-11:50 h. **Discussion**
- 11:50-12:45 h. DIFFERENT VALVE MODELS: WHAT THE REGISTRIES TEACH US**
- Moderators:** **Dr. María Jesús del Cerro Marín**
Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain
- Dr. Ricardo Sanz Ruiz**
Adult Congenital Heart Disease Unit. Department of Cardiology
University General Hospital Gregorio Marañón. Madrid, Spain

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- 11:50-12:03 h. **Experience with Harmony Valve and Sapien S3 at Texas Children's**
Dr. Juan Pablo Sandoval Jones
Pediatric Cardiologist. Intervention in Congenital Heart Disease
Texas Children's Hospital. Texas. USA
- 12:03-12:16 h. **Italian Registry for Venus P.**
Dr. Gianfranco Butera MD, PhD, FSCAI
Director of Pediatric and Congenital Cardiac Catheterization
Bambino Giesù Hospital. Rome, Italy
- 12:16-12:29 h. **Multicenter European registry for Venus P.**
Dr. Sophie-Guiti Malekzadeh-Milani
Congenital and Pediatric Cardiology Medical-Surgical Unit
Necker Hospital & Europeo Georges Pompidou Hospital
Paris, France
- 12:29-12:45 h. **Discussion**
- 12:45-13:45 h. **NEW VALVE MODELS IN THE HORIZON: THE IDEAL CANDIDATE FOR EACH VALVE**
- Moderators:** **Dr. Félix Coserria Sánchez**
Pediatric Cardiology and Congenital Heart Disease Department
Hospital Virgen del Rocío. Sevilla, Spain
- Dr. Armando Pérez de Prado**
Interventional Cardiology
University Hospital León. Spain
- 12:45-12:55 h. **The ideal candidate for Myval in pulmonary position**
Dr. Ricardo Sanz Ruiz
Adult Congenital Heart Disease Unit. Department of Cardiology.
University General Hospital Gregorio Marañón. Madrid, Spain

THURSDAY 12th December

- 12:55-13:05 h. **The ideal candidate for Pulsta Valve**
Dr. Federico Gutiérrez-Larraya
Department of Pediatric Cardiology
University Hospital La Paz. Madrid, Spain
- 13:05-13:15 h. **The ideal candidate for Alterra device**
Dr. Pedro Betrián Blasco
Pediatric Cardiology Department
University Hospital Vall d'Hebrón. Barcelona, Spain
- 13:15-13:25 h. **The ideal candidate for Harmony Valve**
Dr. Juan Pablo Sandoval Jones
Pediatric Cardiologist. Intervention in Congenital Heart Disease
Texas Children's Hospital. Texas, USA
- 13:25-13:45 h. **Discussion**
- 13:45-14:30 h. **LUNCH BREAK**
- 14:30-15:15 h. **ANTITHROMBOTIC REGIMEN FOR PPVI**
- Moderators:** **Dr. Gianfranco Butera MD, PhD, FSCAI**
Director of Pediatric and Congenital Cardiac Catheterization
Bambino Gesù Hospital. Rome, Italy
- Dr. M^a Teresa Velázquez Martín**
Interventional Cardiology
University Hospital 12 of October. Madrid, Spain
- 14:30-14:36 h. **Case 1: Early failure of Sapien 3 after a valve- in -valve procedure**
Dr. Santiago Jiménez Valero
Hemodynamics and Interventional Cardiology in CHD
University Hospital La Paz. Madrid, Spain

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- 14:36-14:42 h. **Case 2: RV-PA conduit with Melody thrombosis**
Dr. María Jesús del Cerro Marín
Pediatric Cardiology and Congenital Heart Disease
Department
University Hospital Ramón y Cajal. Madrid, Spain
- 14:42-14:57 h. **CT imaging in the follow up of PPVI. Antithrombotic
regimes after PPVI**
Dr. Mara Piilati
Department of Pediatric Cardiology, Cardiac Surgery and
Heart Lung Transplantation
Bambino Gesù Children's Hospital. Rome, Italy
- 14:57-15:15 h. **Discussion**
- 15:15-16:15 h. **SPECIAL SITUATIONS IN PPVI**
- Moderators: Dr. Fernando Rueda Núñez**
Children's Cardiology Unit. Department of Cardiology
University Hospital Complex of A Coruña. Spain
- Dr. Juan Pablo Sandoval Jones**
Pediatric Cardiologist. Intervention in Congenital Heart
Disease
Texas Children's Hospital. Texas, USA
- 15:15-15:27 h. **PPVI in CHD with pulmonary hypertension: what to expect**
Dr. Fernando Sarnago Cebada
Hemodynamics and Interventional Cardiology Unit
Adult Congenital Heart Disease Unit. Cardiology Service
University Hospital 12 de Octubre. Madrid, Spain
- 15:27-15:39 h. **Unexpected cases and unexpected events in PPVI**
Dr. José Luis Zunzunegui
Pediatric Cardiology Department
University Hospital Gregorio Marañón. Madrid, Spain

THURSDAY 12th December

- 15:39-15:51 h. **PPVI and coronary abnormalities**
Dr. María Álvarez Fuente
Pediatric Cardiology and Congenital Heart Disease
Department
University Hospital Ramón y Cajal. Madrid, Spain
- 15:51-16:03 h. **Patients with associated Tricuspid regurgitation: Are
current devices for TR repair suitable for CHD patients?**
Dr. Ángel Sánchez Recalde
Cardiology and Hemodynamics Unit
University Hospital Ramón y Cajal. Madrid, Spain
- 16:03-16:15 h. **Discussion**
- 16:15-17:00 h. **WHEN THE NIGHTMARE STARTS AFTER THE VALVE
IMPLANTATION & THE UNDEFINED ROLE OF EEF
BEFORE PPVI**
- Moderators: Dr. Javier Moreno Planas**
Arrhythmia Unit- Department of Cardiology
University Hospital Ramón y Cajal. Madrid, Spain
- Dr. Marc Gewillig**
Pediatric Cardiology Department
Faculteit Geneeskunde KU Leuven Faculty of Medicine
University Hospital UZ Leuven. Belgium
- Dr. Teresa Segura de la Cal**
ACHD department
University Hospital 12 of October. Madrid, Spain
- 16:15-16:23 h. **Cases 1 & 2: SD after Edwards valve implantation in
pulmonary position**
Dr. Andrés Alonso Fernández
Clinical Cardiology and Congenital Heart Disease Unit
Department of Cardiology
University Hospital Ramón y Cajal. Madrid, Spain

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16:23-16:28 h. **Case 3: SD after Venus P implantation**
Dr. María Álvarez Fuente
Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

16:28-16:33 h. **Case 4: SD after Venus P implantation**
Dr. Sophie-Guiti Malekzadeh-Milani
Congenital and Pediatric Cardiology Medical-Surgical Unit
Necker Hospital & Europeo Georges Pompidou Hospital
Paris, France

16:33-16:48 h. **Role of EFE studies pre-PPVI**
Dr. Rafael Peinado Peinado
Arrhythmias and Electrophysiology Section- Department of
Cardiology
University Hospital La Paz. Madrid, Spain

16:48-17:00 h. **Discussion**

17:00-17:10 h. **Closure**

Dr. María Jesús del Cerro Marín
Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

Dr. María Álvarez Fuente
Pediatric Cardiology and Congenital Heart Disease Department
University Hospital Ramón y Cajal. Madrid, Spain

COURSE OBJECTIVES

- To update on the different models currently available and under development for percutaneous pulmonary valve implantation.
- To review the materials used and the techniques applied.

COURSE METHODOLOGY

- Theoretical conferences.
- Clinical Cases Discussion.
- Workshop "hands-on": Manipulation and visualization of the different stents, delivery systems, and valves.

COURSE DIRECTORS

Dr. María Jesús del Cerro Marín
Dr. María Álvarez Fuente

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GENERAL INFORMATION

COURSE VENUE

University Hospital Ramón y Cajal
Edificio de Consultas Externas Aula Joaquín Ortuño
Ctra. de Colmenar Viejo, km. 9,1. 28034, Madrid
Telf: +34 91 336 80 00
Página Web: <http://www.madrid.org>

Date HELD: 12th December, 2024

The Course will be presential.

LIMITED PLACES

Maximum number of attendees (115) in person at the Course.

VIRTUAL PRESENCE

Online registrations will be unlimited.

ORGANIZED BY

- Pediatric Cardiology and Congenital Heart Disease Department, University Hospital Ramón y Cajal. Madrid, Spain.

TECHNICAL SECRETARIAT



S&H Medical Science Service S.L.

C/ Bugarvilla 5, Planta 1ª - A. 28036 Madrid

Tel: 91 535 71 83

E-mail: congresos@shmedical.es

SHLiveStream: www.shlivestream.es

REGISTRATION

You may register to the Course directly through the following Website:
www.shmedical.es

Registration deadline on **Monday 9 December, 2024.**

ACCESS TO THE MEETING IDENTIFICATION

Delegates will receive badges and vouchers for the booked events. Participants are kindly requested to wear their badge throughout the Course.

ACCREDITATION OF MEDICAL PHYSICIANS EDUCATION PROGRAMS

This Medical Education Activity is Accredited by:
Continuous Medical Education Commission of Health Care Professionals, Madrid Community.

CERTIFICATES OF ATTENDANCE AND OFFICIAL CREDITS

Certificates of attendance will be available for download starting **Tuesday December 17, 2024** through the website: www.congresos@shmedical.es within the section access to the personal area of attendees.

CONGRESS LANGUAGE

The official language of the Workshop is English. The Power Point's presentation will be in English.

Registration entitles you to:

- Access to the Course.
- Participate in the scientific sessions of the program.
- A certificate of attendance and CME.
- Coffee and Lunch

IMPORTANT:

In accordance with regulations of the system of accreditation of continuing medical education (CME), teacher training activity cannot be addressed to professionals in training such as specialists (residents), therefore residents may not opt for continuing education credits.

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IMPORTANT NOTE:

The Organization is not responsible for the cancellation of the meeting caused by strike, disorder public, actions of war, terrorism, fires, weather conditions, pandemics and causes of force majeure or any other damage or loss resulting from such cancellation.

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REGISTRATION FORM COURSE ALL ABOUT PERCUTANEOUS PULMONARY VALVE REPLACEMENT

Name* *:

Surname *:

TIN/NIF *:

Hospital *:

Service/Dpt *:

Home Address *:

City *: Zip Code*:

Country*.....

Telephone/mobile phone:

E-mail address*.....

Medical Speciality*.....

** All information marked with (*) is necessary for registration. If any data marked with (*) is missing, the registration cannot be validated. If the registrant wishes confirmation of registration, you must enter your E-mail address.*

REGISTRATION



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