



XXI CURSO DE
ACTUALIZACIÓN EN CARDIOLOGÍA PEDIÁTRICA
XXII REUNIÓN DE
CARDIOLOGÍA PEDIÁTRICA PARA ENFERMERÍA

HOSPITAL G. GREGORIO MARAÑÓN MADRID 24, 25, 26, 27 JUNIO 2015

Organized by:

Area del Corazón Infantil:
Cardiología Pediátrica y Cirugía Cardíaca Infantil.



Hospital General Universitario
Gregorio Marañón

Comunidad de Madrid

Instituto de Investigación Sanitaria Gregorio Marañón



All information and registration at:

<http://eventos.aymon.es/cursocardiopedgm2015/>

GENERAL MEDICINE COURSE

25th JUNE 2015

08:00-08:20 h.

PRESENTATION

RESULTS FROM THE PEDIATRIC HEART AREA

Dr. Juan Miguel Gil Jaurena

Pediatric Cardiac Surgery

Hospital General U. Gregorio Marañón. Madrid

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

08:20-10:00 h.

ROUNDTABLE I:

TRANSPLANT AND MECHANICAL SUPPORT: BEYOND THE LIMITS

Moderators:

Dr. Juan Carlos Alejos

Heart Transplant

Ronald Reagan UCLA Medical Center.

Los Ángeles, California.

Dr. M^a José Santiago

Pediatric Intensive Cares

Hospital General U. Gregorio Marañón. Madrid

Dr. Beatriz Domínguez

ONT. Madrid

08:20-08:30 h.

Introduction

The Gregorio Marañón Experience

Dr. Manuela Camino

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

08:30-09:00 h.

ABO Non-Compatible Heart Transplant: The Canadian Experience

Dr. Lori West



Pediatric Cardiology
Alberta Transplant Institute. University of Alberta
Edmonton-Alberta. Canadá

09:00-09:20 h.

Pediatric Mechanical Circulatory Life Support: Berlin Experience

Dr. Felix Berger



Pediatric Cardiology
Deutsches Hertzcentrum. Berlín, Alemania

09:20-09:40 h.

Discussion

09:40-10:00 h.

HEMODYNAMICS LIVE CASES: CASE 1: Presentation and results CASE 2: Presentation

Panelists:

Dr. José Manuel Guía

Hospital U. Virgen de la Arrixaca. Murcia

Dr. César Abelleira

Hospital General U. La Paz. Madrid

Dr. Felix Berger

Deutsches Hertzcentrum. Berlín, Alemania

Dr. Freddy Prada

Hospital U. Sant Joan de Dèu. Barcelona.

Dr. Ignacio Zabala

Hospital U. Carlos Haya. Málaga

Dr. Josep Girona

Grupo Hospitalario Quirón. Barcelona

Dr. José Ignacio Carrasco

Hospital U. La Fé. Valencia

10:00- 10:30 h.

CONFERENCE I: HEMODYNAMICS

Moderators:

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Federico Gutiérrez Larraya

Pediatric Cardiology

Hospital General U. La Paz. Madrid

Percutaneous Pulmonary Valve



Dr. Felix Berger

Pediatric Cardiology

Deutsches Hertzcentrum. Berlín, Alemania

10:30-11:00 h.

Coffee

11:00-11:20 h.

OFFICIAL INAUGURATION

11:20-13:00 h.

ROUNDTABLE II:

PULMONARY ATRESIA WITH VENTRICULAR SEPTAL DEFECT

Moderators:

Dr. Pedro del Nido

Pediatric Cardiac Surgery

Childrens Hospital Boston. Boston, USA

Dr. M^a Teresa González

Pediatric Cardiac Surgery

Hospital General U. Gregorio Marañón. Madrid

11:20-11:40 h.

Prenatal and Neonatal Diagnosis

Dr. Teresa Álvarez

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

11:40-12:00 h.

New surgical strategies

Dr. David Barron



Pediatric Cardiac Surgery

Birmingham Children's Hospital. Birmingham, UK

12:00-12:20 h.

Role of Interventionism: When and How

Dr. José Luis Zunzunegui

Pediatric Cardiology

Hospital General U. La Paz. Madrid

12:20-12:40 h.

Long Term Follow Up

Dr. Gil Wernovsky



Pediatric Cardiology

Miami Children's Hospital. Miami, USA

12:40-13:00 h.

Discussion

13:00-13:30 h.

HEMODYNAMICS LIVE CASES

CASE 2: Results

CASE 3: Presentation

Panelists:

Dr. José Manuel Guía

Hospital U. Virgen de la Arrixaca. Murcia

Dr. César Abelleira

Hospital General U. La Paz. Madrid

Dr. Felix Berger

Deutsches Hertzcentrum. Berlín, Alemania

Dr. Freddy Prada

Hospital U. Sant Joan de Dèu. Barcelona.

Dr. Ignacio Zabala

Hospital U. Carlos Haya. Málaga

Dr. Josep Girona

Grupo Hospitalario Quirón. Barcelona

Dr. José Ignacio Carrasco

Hospital U. La Fé. Valencia

13:30-14:30 h.

ROUNDTABLE III: INNOVATION IN HEMODYNAMICS

Moderators:

Dr. Ruth Solana

Pediatric Cardiology
Hospital U. Infanta Leonor. Madrid

Dr. Manuel Desco

Innovation Unit
Instituto de Investigación Sanitaria Gregorio Marañón. Madrid

13:30-13:50 h.

3D Printing Models

Dr. Israel Valverde

Pediatric Cardiology
Hospital U. Virgen del Rocío. Sevilla

13:50-14:10 h.

Virtual Control of The Cath Lab

Dr. Jesús Pérez Llano

TEDCAS. Pamplona

14:10-14:30 h.

Discussion

14:30-15:30 h.

Lunch

15:30-16:00 h.

HEMODYNAMICS LIVE CASES

CASE 3: Results

Panelists:

Dr. José Manuel Guía

Hospital U. Virgen de la Arrixaca. Murcia

Dr. César Abelleira

Hospital General U. La Paz. Madrid

Dr. Felix Berger

Deutsches Hertzcentrum. Berlín, Alemania

Dr. Freddy Prada

Hospital U. Sant Joan de Dèu. Barcelona.

Dr. Ignacio Zabala

Hospital U. Carlos Haya. Málaga

Dr. Josep Girona

Grupo Hospitalario Quirón. Barcelona

Dr. José Ignacio Carrasco

Hospital U. La Fé. Valencia

16:00-17:10 h.

**ROUNDTABLE IV:
INTERNATIONAL COOPERATION IN PEDIATRIC CARDIOLOGY**

Moderators:

Dr. Sylvia Caballero

Neonatal Intensive Care Unit

Hospital General U. Gregorio Marañón. Madrid

Dr. Irene Hidalgo

Pediatric Cardiac Anesthesia

Hospital General U. Gregorio Marañón. Madrid

Dra. Raquel Muñoz Muñoz

Pediatric Intensive Cares

Hospital U. Sanitas La Zarzuela. Madrid

16:00-16:20 h.

**The Gregorio Marañón
Surgeons of Hope Mission in 'La Mascota' Nicaragua**

Dr. Juan Miguel Gil Jaurena

Pediatric Cardiac Surgery

Hospital General U. Gregorio Marañón. Madrid

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

16:20-16:35 h.

**The Anesthetist View:
The Experience in Ethiopia**

Dr. Mónica Hervías

Pediatric Cardiac Anesthesia

Hospital General U. Gregorio Marañón. Madrid

16:35-16:55 h.

How to treat everyone?

Dr. Eduardo da Cruz

Director Surgeons of Hope. New York. USA

Pediatric Cardiac Intensive Care

Childrens Hospital. Denver, Colorado. USA

16:55-17:10 h.

Discussion

17:10-17:30 h.

Coffee

17:30-19:10 h.

ROUNDTABLE V:

GENERAL CARDIOLOGY – PRIMARY CARE

Moderators:

Dr. Iñaki Oulego

Pediatric Cardiology

Hospital U. de León. León, España

Dr. Fernando Centeno

Pediatric Cardiology

Hospital U. Río Hortega. Valladolid, España

17:30-17:45 h.

Recurrent Pericarditis

Dr. Laura del Rey

Pediatric Cardiology

Hospital U. Albacete. Albacete, España

17:45-18:00 h.

The 'abnormal' ECG: AV block

Dr. M^a Teresa Viadero

Pediatric Cardiology

Hospital U. Marqués de Valdecilla. Santander, España

18:00-18:20 h.

Drugs

Dr. Olga Carvajal

Pediatric Cardiology

Hospital U. Rey Juan Carlos. Madrid, España

Dr. Nuria Gil Villanueva

Pediatric Cardiology

Hospital U. Gregorio Marañón. Madrid, España

18:20-18:35 h.

Mini-Invasive Surgery

Dr. M^a Teresa González

Pediatric Cardiac Surgery

Hospital General U. Gregorio Marañón. Madrid

18:35-18:50 h.

RSV prophylaxis in Pediatric Cardiology: what have we learnt over the last decade?

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

18:50-19:10 h.

Discussion

19:10-20:25 h.

ROUNDTABLE VI: CARDIOLOGY AND SPORTS

Moderators:

Dr. Antonio Baño

Pediatric Cardiology

Hospital Infantil U. Niño Jesús. Madrid

Dr. Olga Arroyo

Pediatric Rehabilitation

Hospital General U. Gregorio Marañón. Madrid

19:10-19:30 h.

Pediatric Cardiac Rehabilitation Program

Dr. Juan Castillo

Pediatric Cardiac Rehabilitation

Hospital General U. Gregorio Marañón. Madrid

19:30-19:50 h.

Athlete's Heart: Differential Diagnosis

Dr. Ángeles Fuertes

Pediatric Cardiology

Hospital Clínico Universitario de Valladolid

19:50-20:10 h.

***Experience on the development of an Outpatients Clinic in
Cardiology and Sport***

Dr. Ana Rodríguez

Pediatric Cardiology

Hospital Hospiten. Tenerife

20:10-20:25 h.

Discussion

20:30 h.

END OF THE FIRST DAY COURSE

FRIDAY 26th JUNE

08:30-09:30 h.

ROUNDTABLE VII: NOSOCOMIAL INFECTIONS

Moderators:

Dr. Esther Panadero

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Amelia C. Sánchez Galindo

Pediatric Intensive Cares

Hospital General U. Gregorio Marañón. Madrid

08:30-08:50 h.

RSV Nosocomial Infections

Dra. Nuria Gil Villanueva

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

08:50-09:20 h.

Strategies in the cardiac perioperative period

Dr. Ricardo Muñoz

Pediatric Cardiac Intensive Care

Childrens Hospital Pittsburgh. Pittsburgh, USA

09:20-09:30 h.

Discussion

09:30-10:30 h.

ROUNDTABLE VIII: FETAL CARDIOLOGY

Moderators:

Dr. Ricardo Pérez-Pacheco

Fetal Medicine-Obstetrics

Hospital General U. Gregorio Marañón. Madrid

Dr. Dorotea Blanco

Neonatology

Hospital General U. Gregorio Marañón. Madrid

09:30-09:50 h.

Preparation for Birth of the Patient with Congenital Heart Disease

Dr. Teresa Álvarez

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

09:50-10:20 h.

Neurologic Prognosis and Quality of Life

Dr. Gil Wernovsky



Pediatric Cardiology

Miami Children's Hospital. Miami, USA

10:20-10:30 h.

Discussion

10:30-11:00 h.

CONFERENCE II: SURGERY

Moderators:

Dr. Fernando Villagrà

Pediatric Cardiac Surgery

Hospital U. La Paz. Madrid

Dr. Enrique Maroto

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Novelties in aortic valves

Dr. Pedro del Nido

Pediatric Cardiac Surgery

Childrens Hospital Boston. Boston, USA

11:00-11:30 h.

Coffee

11:30-13:10 h.

ROUNDTABLE IX: SURGICAL FRONTIERS AND BEYOND

Moderators:

Dr. Francisco Portela

Pediatric Cardiac Surgery
Hospital U. A Coruña. A Coruña

Dr. Juan Ignacio Zabala

Pediatric Cardiology
Hospital U. Carlos Haya. Málaga

11:30-11:50 h.

Borderline Left Ventricle: What is new in imaging?

Dr. Enrique Maroto

Pediatric Cardiology
Hospital General U. Gregorio Marañón. Madrid

11:50-12:10 h.

Ross–Konno Neonatal Surgery

Dr. José María Caffarena

Pediatric Cardiac Surgery
Hospital Sant Joan de Déu. Barcelona

12:10-12:30 h.

Biventricular Reconversion from Univentricular Circulation

Dr. Pedro del Nido

Pediatric Cardiac Surgery
Childrens Hospital Boston. Boston, USA

12:30-12:50 h.

Palliative Switch

Dr. Juan Miguel Gil Jaurena

Pediatric Cardiac Surgery
Hospital General U. Gregorio Marañón. Madrid

12:50-13:10 h.

Discussion

13:10- 14:30 h.

ROUNDTABLE X: THE FUTURE OF PEDIATRIC AND CONGENITAL CARDIOLOGY

Moderators:

Dr. Pedro del Nido

Pediatric Cardiac Surgery
Childrens Hospital Boston. Boston, USA

Dr. Constancio Medrano

Pediatric Cardiology
Hospital General U. Gregorio Marañón. Madrid

Dr. Ricardo Muñoz

Pediatric Cardiac Intensive Care
Childrens Hospital Pittsburgh. Pittsburgh. USA

13:10-13:30 h.

Cardiovascular Decision Taking in the Future

Dr. Felix Berger



Pediatric Cardiology
Deutsches Hertzcentrum. Berlín. Alemania

13:30-13:50 h.

Where we've been, where we are, where we're going.

Dr. Gil Wernovsky



Pediatric Cardiology
Miami Children's Hospital. Miami. USA

13:50-14:10 h.

Quality, Safety, Security and Clinical efficiency are Clues, but at what Price?

Dr. Eduardo da Cruz

Pediatric Cardiac Intensive Care
Childrens Hospital. Denver, Colorado. USA

14:10-14:30 h.

Discussion

14:30-15:30 h.

Lunch

15:30-17:00 h.

ROUNDTABLE XI: ADULT CONGENITAL HEART DISEASE

Moderators:

Dr. Raquel Yotti

Adult Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dra. Ana Martín

Adult Cardiology

Hospital U. De Salamanca

15:30-15:50 h.

Transition from Pediatric to Adult Clinic

Dr. Enrique Maroto

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

15:50-16:10 h.

Arrhythmias and Sudden Death

Dr. José M^a Oliver

Adult Cardiology

Instituto de Investigación Gregorio Marañón. Madrid

16:10-16:30 h.

Heart Transplant in Fontan: How, When, Where?

Dr. Juan Miguel Gil Jaurena

Pediatric Cardiac Surgery

Hospital General U. Gregorio Marañón. Madrid

16:30-16:50 h.

Pregnancy and Congenital Heart Disease

Dr. Raquel Prieto

Adult Cardiology

Hospital General U. Gregorio Marañón. Madrid

16:50-17:00 h.

Discussion

17:00-18:00 h.

ROUNDTABLE XII: NOVELTIES IN STEM CELL THERAPY AND PULMONARY HYPERTENSION

Moderators:

Dr. Francisco Fernández Avilés

Adult Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. M^a Jesús del Cerro

Pediatric Cardiology

Hospital U. Ramón y Cajal. Madrid

17:00-17:25 h.

Our Experience with Univentricular Hearts

Dr. Reyes Álvarez

Pediatric Cardiology

Instituto de investigación Sanitaria Gregorio Marañón. Madrid

17:25-17:40 h.

Pulmonary Hypertension: From Drugs to Cells

Dr. Alejandro Rodríguez

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

17:40-18:00 h.

Present and Future of Cell Therapy

Dr. M^a Eugenia Fernández

Cell and Regenerative Lab Therapy.

Instituto de investigación Sanitaria Gregorio Marañón. Madrid

18:00-18:10 h.

Discussion

18:10-18:30 h.

Coffee

18:30-19:30 h.

CONFERENCE AND DIRECT CONNECTION INTERNATIONAL IN CARDIOLOGY INTENSIVE CARE UNITS

Moderators:

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dra. Amelia Caridad Sánchez Galindo

Pediatric Cardiac Intensive Care

Hospital General U. Gregorio Marañón. Madrid

18:30-18:50 h.

Present and future of Telemedicine

Dr. Ricardo Muñoz

Pediatric Cardiac Intensive Care and Telemedicine Program

Childrens Hospital Pittsburgh. Pittsburgh. USA

18:50-19:20 h.

Live multicentre connection with Pediatric Cardiology Intensive Care Units

Participants

Pittsburgh (Pennsylvania), Tampa (Florida), Bucaramanga (Colombia)

19:20-19:30 h.

Discussion

19:30-20:30 h.

ROUNDTABLE XIII: TELEMEDICINE & NETWORKING

Moderators:

Gonzalo Otero Llende

Consultant

Santertre and Red Cardiopedia. Madrid

Juan Ignacio Núñez Aguilar

TIC and Telemedicine Program

Hospital General U. Gregorio Marañón. Madrid

19:30-19:40 h.

Networking in Pediatric Cardiology

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

19:40-19:50 h.

Telemedicine at the Gregorio Marañón University Hospital

Juan Ignacio Núñez Aguilar

TIC and Telemedicine Program

Hospital General U. Gregorio Marañón. Madrid

19:50-20:20 h.

Multiconference Live Connection From the Marañón to the World

Moderators:

Dr. Nuria Gil Villanueva

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Inmaculada Carchenilla

TIC and Pediatric Cardiology.

Instituto de Investigación Sanitaria Gregorio Marañón. Madrid

Participants:

Dr. Paulo Valderrama

Pediatric Cardiology

Hospital Luis Calvo Mackenna and Clínica Santa María.

Santiago de Chile. Chile

Dr. M^a Carmen Vázquez Álvarez

Pediatric Cardiology

Royal Children`s Hospital. Melbourne. Australia

Dr. Ivonne Cárdenas

Pediatric Cardiology

Fundación Cardio-Infantil. Bogotá. Colombia

20:20-20:30 h.

Discussion

20:30 h.

CLOSURE

**WORKSHOPS MEDICINE
WEDNESDAY 24th JUNE**

11:30-14:00 h.

**PEDIATRIC CARDIAC REHABILITATION
REHABILITATION GYMNASIUM**

ORGANIZERS:

Dr. Juan Castillo

Pediatric Cardiac Rehabilitation

Hospital General U. Gregorio Marañón. Madrid

Dr. Miriam Centeno

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Ángeles Fuertes

Pediatric Cardiology

Hospital Clínico Universitario de Valladolid

COLABORATORS:

Dr. Ana Rodríguez

Pediatric Cardiology

Hospital Hospiten. Tenerife, España

Dr. Luisa García Cuenllas

Pediatric Cardiology

Hospital U. Salamanca. Salamanca

Mr. Alejandro Rodríguez

Physioterapist. Pediatric Rehabilitation

Hospital General U. Gregorio Marañón. Madrid

15:30-17:30 h.

FETAL CARDIOLOGY

SALÓN DE ACTOS. HOSPITAL INFANTIL

ORGANIZERS:

Dr. Teresa Álvarez

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Enrique Maroto

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

COLABORATORS:

Dr. Ricardo Pérez-Pacheco

Fetal Medicine-Obstetrics

Hospital General U. Gregorio Marañón. Madrid

Dr. Francisco Gámez

Fetal Medicine-Obstetrics

Hospital General U. Gregorio Marañón. Madrid

Dr. Juan León

Fetal Medicine-Obstetrics

Hospital General U. Gregorio Marañón. Madrid

Dr. Santiago García Tizón

Fetal Medicine-Obstetrics

Hospital General U. Gregorio Marañón. Madrid

17:45-19:45 h.

HEART FAILURE AND FAMILIAL CARDIOPATHIES

SALÓN DE ACTOS. HOSPITAL INFANTIL

ORGANIZERS:

Dr. Manuela Camino

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Constancio Medrano

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Nuria Gil Villanueva

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid.

Dr. Reyes Álvarez

Pediatric Cardiology

Instituto de investigación Sanitaria Gregorio Marañón. Madrid

Dra. Miriam Centeno

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid.

GUESTS:

Dr. Lori West

Pediatric Cardiology

Alberta Transplant Institute. University of Alberta

Edmonton-Alberta. Canadá

Dr. Juan Carlos Alejos

Pediatric Heart Transplant

Ronald Reagan UCLA Medical Center

Los Ángeles. California

Dr. Georgia Sarquella-Brugada

Pediatric Cardiology

Hospital U. Sant Joan de Deu. Barcelona

Dr. Luis García - Guereta

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dr. Raquel Yotti

Pediatric Cardiology

Hospital General U. Gregorio Marañón. Madrid

Dra. Ángeles Espinosa

Adult Cardiology

Hospital General U. Gregorio Marañón. Madrid