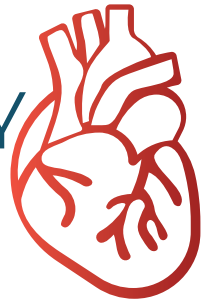




# MULTIDISCIPLINARY APPROACH OF PATIENTS WITH FONTAN CIRCULATION



Hospital Universitario  
**Ramón y Cajal**

**FONTAN CIRCULATION CLASSROOM COURSE**

**LIVE STREAMING BROADCAST**

**RAMÓN Y CAJAL UNIVERSITY HOSPITAL. MADRID, SPAIN**

**JANUARY 25, 2024**

## **COURSE DIRECTORS:**

**MARÍA JESÚS DEL CERRO.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**AGUSTÍN ALBILLOS.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**LUIS TÉLLEZ.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**MARÍA ELVIRA GARRIDO-LESTACHE.** *Ramón y Cajal University Hospital. Madrid, Spain.*

## **LOCATION:**

**Joaquín Ortuño Classroom.**

**Outpatient Consultation Building and Teaching Pavilion.**

**Ramón y Cajal University Hospital. Madrid. Ctra. Colmenar Viejo, Km 9,100. Madrid.**

## **LANGUAGE:**

**English.**

## **PROGRAM:**

### **+ 8.30 - 8.45 WELCOME AND GREETINGS.**

#### **Medical Directors:**

**MARÍA JESÚS DEL CERRO.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**AGUSTÍN ALBILLOS.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**LUIS TÉLLEZ.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**MARÍA ELVIRA GARRIDO-LESTACHE.** *Ramón y Cajal University Hospital. Madrid, Spain.*

### **+ 8.45 - 9.15 STATE OF THE ART CONFERENCE: PHYSIOLOGY OF FONTAN CIRCULATION. DEFINITION OF FONTAN FAILURE.**

#### **Moderators:**

**MARÍA JESÚS DEL CERRO.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**AGUSTÍN ALBILLOS.** *Ramón y Cajal University Hospital. Madrid, Spain.*

#### **Speakers:**

**MARK GEWILLIG.** *Gathuisberg University Hospital. Belgium.*

**9.05 - 9.15 Discussion.**

### **+ 9.15 - 9.45 EASL-ERN POSITION PAPER ON LIVER INVOLVEMENT IN PATIENTS WITH FONTAN-TYPE CIRCULATION.**

#### **Moderators:**

**JUAN CARLOS GARCÍA-PAGÁN.** *Clinical Hospital. Barcelona, Spain.*

#### **Speaker:**

**LUIS TÉLLEZ.** *Ramón y Cajal University Hospital. Madrid, Spain.*

**9.35 - 9.45 Discussion.**

TECHNICAL SECRETARY:



REQUESTED ACCREDITATION OF:



WITH THE COLLABORATION OF:



## ✦ 9.45 - 11.15 FONTAN-ASSOCIATED LIVER DISEASE.

### Moderators:

**AGUSTÍN ALBILLOS.** Ramón y Cajal University Hospital. Madrid, Spain.

**ANA CLEMENTE.** Gregorio Marañón General University Hospital. Madrid, Spain.

### Speakers:

**9.45 - 9.55 CLINICAL CASE: Hepatocarcinoma in a patient with Fontan circulation.**

**MARÍA ELVIRA GARRIDO-LESTACHE.** Ramón y Cajal University Hospital. Madrid, Spain.

**9.55 - 10.10 Pathophysiology of liver dysfunction in patients with Fontan physiology.**

**MOIRA B. HILSCHER.** Mayo Clinic. Rochester, USA.

**10.10 - 10.25 Liver nodules and hepatocellular carcinoma.**

**DANIEL GRANGER.** Northwestern University, Chicago, USA.

**10.25 - 10.40 Portal hypertension complications in Fontan patients.**

**AUDREY PAYANCÉ.** Hospital Beaujeon. Clichy, France.

**10.40 - 10.55 Liver biopsy in patients with Fontan circulation.**

**ANNALISA ANGELINI.** Azienda Ospedaliera-Università Padua. Padua. Italy.

**10.55 - 11.15 Discussion.**

## 11.15 - 11.30 COFFEE BREAK

## ✦ 11.30 - 12.50 HEART AND COMBINED LIVER-HEART TRANSPLANTATION

### Moderators:

**RAFAEL BAÑARES.** Gregorio Marañón General University Hospital. Madrid, Spain.

**ÁNGEL AROCA.** Ramón y Cajal University Hospital. Madrid, Spain.

**MARÍA JESÚS DEL CERRO.** Ramón y Cajal University Hospital. Madrid, Spain.

### Speakers:

**11.30 - 11.40 CLINICAL CASE: Patient with liver cirrhosis, ascites and Fontan failure.**

**MARTA LÓPEZ.** Miguel Servet University Hospital. Zaragoza, Spain.

**11.40 - 11.55 Challenges in Heart Transplantation in adult Fontan patients.**

**INÉS PONZ.** La Paz University Hospital. Madrid, Spain.

**11.55 - 12.10 Challenges in combined liver-heart transplantation.**

**RAQUEL PRIETO.** Gregorio Marañón General University Hospital. Madrid, Spain.

**12.10 - 12.20 Indications and contraindications for isolated heart and combined heart / liver transplantation. Results of Heart and Heart & Liver transplant program in Newcastle.**

**ÓSCAR GONZÁLEZ.** Cardiology Service. United Kingdom.

**12.20 - 12.35 Special issues of Heart Tx in Pediatric Fontan failure.**

**JUAN MIGUEL GIL-JAURENA.** Gregorio Marañón General University Hospital. Madrid, Spain.

**12.35 - 12.50 Discussion.**

## + 12.50 - 13.30 THROMBOEMBOLIC COMPLICATIONS IN FONTAN CIRCULATION.

### Moderators:

**LAURA DOS.** Vall d'Hebron University Hospital. Barcelona, Spain.

**MARÍA ELVIRA GARRIDO-LESTACHE.** Ramón y Cajal University Hospital. Madrid, Spain.

### Speakers:

#### 12.50 - 13.05 CLINICAL CASES

**FILIPA AMADOR.** Centro Hospitalar e Universitario Sao Joao Porto. Portugal.

**INARA ALARCÓN.** Vall d'Hebron University Hospital. Barcelona, Spain.

#### 13.05 - 13.20 Thromboprophylaxis in Fontan circulation: What we know and ... What we would like to know.

**MIREYA CASTRO.** University Hospital Complex of A Coruña. La Coruña, Spain.

#### 13.20 - 13.30 Discussion.

## 13.30 - 14.15 LUNCH

## + 14.15 - 15.20 LYMPHATIC COMPLICATIONS AFTER FONTAN SURGERY.

### Moderators:

**MARÍA JESÚS DEL CERRO.** Ramón y Cajal University Hospital. Madrid, Spain.

**PASTORA GALLEGO.** Virgen del Rocío University Hospital. Sevilla, Spain.

### Speakers:

#### 14.15 - 14.30 CLINICAL CASES:

##### PLE Long Term Conservative Management.

**MARÍA ELVIRA GARRIDO-LESTACHE.** Ramón y Cajal University Hospital. Madrid, Spain.

##### PLE Case From Toronto.

**LEYRE ÁLVAREZ.** University Hospital of Salamanca. Salamanca, Spain.

##### Plastic Bronchitis.

**MARÍA TOLEDANO NAVARRO.** Ramón y Cajal University Hospital. Madrid, Spain.

**MARÍA JESÚS DEL CERRO.** Ramón y Cajal University Hospital. Madrid, Spain.

#### 14.30 - 15.00 New treatment options in lymphatic complications after Fontan surgery.

**YOAV DORI.** Jill and Mark Fishman Center for Lymphatic Disorders and Lymphatic Research at Children's Hospital of Philadelphia, Philadelphia, USA.

#### 15.00 - 15.10 Protocol for static lymphography: initial experience HURyC.

**JESÚS JAVIER MARTÍN-PINACHO.** Ramón y Cajal University Hospital. Madrid, Spain.

#### 15.10 - 15.20 Discussion.

## + 15.20 - 15.50 PREGNANCY IN FONTAN CIRCULATION.

### Moderators:

**JOAQUÍN RUEDA.** La Fe University Hospital. Valencia, Spain.

**PASTORA GALLEGO.** Virgen del Rocío University Hospital. Sevilla, Spain.

### Speakers:

**15.20 - 15.30 CLINICAL CASE: Fontan woman with pregnancy complications.**

**ROCÍO GARCÍA.** Virgen de las Nieves University Hospital. Granada, Spain.

**15.30 - 15.40 Ramón y Cajal University Hospital experience.**

**MARÍA TOLEDANO.** Ramón y Cajal University Hospital. Madrid, Spain.

**15.40 - 15.55 Pregnancy in Fontan Circulation**

**PABLO MERAS.** La Paz University Hospital. Madrid, Spain.

**15.55 - 16.00 Discussion.**

## + 16.00 - 17.10 AREAS OF RESEARCH & DEBATE IN FONTAN CIRCULATION.

### Moderators:

**FERNANDO SARNAGO.** 12 de Octubre University Hospital. Madrid, Spain.

**FERNANDO RUEDA.** University Hospital Complex of A Coruña, Spain.

### Speakers:

**16.00 - 16.15 Biomarkers in patients with Fontan circulation.**

**FRANCISCO BUENDÍA.** La Fe University Hospital. Valencia, Spain.

**16.15 - 16.25 Temporal profile of Hemodynamics in Fontan Patients & protocol for combined study.**

**MARÍA ÁLVAREZ.** Ramón y Cajal University Hospital. Madrid, Spain.

**16.25 - 16.40 Exercise catheterization in Fontan patients.**

**RICARDO PARDO.** Gregorio Marañón General University Hospital. Madrid, Spain.

**16.40 - 16.55 Exercise as treatment for Fontan circulation. Respiratory rehabilitation in Fontan patients.**

**RAQUEL LADRÓN.** Clinical Hospital of Valladolid. Valladolid, Spain.

**16.55 - 17.10 Discussion.**

## ✦ 17.10 - 17.40 PHARMACOLOGICAL TREATMENT FOR FONTAN CIRCULATION: SOMETHING NEW IN THE HORIZON?

### Moderators:

**LETICIA ALBERT.** 12 de Octubre University Hospital. Madrid, Spain.

**FRANCISCO CASTRO.** Virgen de la Arrixaca University Hospital. Murcia, Spain.

### Speakers:

#### 17.10 - 17.15 CLINICAL CASE.

**ESTHER CAMBRONERO.** Virgen de la Arrixaca University Hospital. Murcia, Spain.

**MARÍA ELVIRA GARRIDO-LESTACHE.** Ramón y Cajal University Hospital. Madrid, Spain.

#### 17.15 - 17.30 Certainties and uncertainties of pharmacologic treatment in Fontan circulation.

**TERESA SEGURA.** 12 de Octubre University Hospital. Madrid, Spain.

#### 17.30 CLOSURE.

**MARÍA JESÚS DEL CERRO.** Ramón y Cajal University Hospital. Madrid, Spain.

**AGUSTÍN ALBILLOS.** Ramón y Cajal University Hospital. Madrid, Spain.

**LUIS TÉLLEZ.** Ramón y Cajal University Hospital. Madrid, Spain.

**MARÍA ELVIRA GARRIDO-LESTACHE.** Ramón y Cajal University Hospital. Madrid, Spain.

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