

## **PCR Tricuspid Focus Group. Referral Meeting 2026. Tricuspid Valve Disease: From Diagnosis to Intervention in the Transcatheter Era**

### **OBJECTIVES**

To update current knowledge on the epidemiology, pathophysiology, and prognosis of tricuspid regurgitation, highlighting its clinical impact and its role in right heart failure.

To improve the clinical recognition and risk stratification of patients with tricuspid regurgitation, identifying red flags and key prognostic factors.

To review the role of multimodality imaging in the evaluation of tricuspid valve disease, including echocardiography, computed tomography, cardiac magnetic resonance, and invasive hemodynamic assessment.

To discuss the optimal timing for referral and intervention, integrating current guideline recommendations and emphasizing the role of the Heart Team in decision-making.

To provide an overview of current therapeutic strategies for tricuspid regurgitation, including medical therapy, surgical treatment, and transcatheter interventions, with a focus on patient selection.

### **PROGRAM**

**Friday 18 september 2026.**

**08:50 – 09:00 Welcome and introduction**

Directors of the course: JL. Zamorano, C. Fernández-Golfín, Ariana Gómez-González and A. Sanchez-Recalde.

09:00-09:10. Role and missions of PCR TFG. Victoria Delgado.

### **SESSION 1. Why tricuspid regurgitation matters: clinical evaluation and patient selection.**

Moderators: Nieves Tarín, Petra Mayordomo.

09:10 – 09:20. The burden of tricuspid regurgitation: epidemiology and clinical impact. Ana García. Juan Manuel Monteagudo.

09:20 – 09:30. Phenotypes of tricuspid regurgitation (primary, ventricular functional, atrial functional, device-related). Clinical implications. Victoria Delgado

09:30 – 09:40. Comorbidities influencing prognosis. Risk stratification and prognostic scores. Ana García Martín

9:40- 9:50. When should we refer the patient to a valve center? Ariana Gómez-González

09:50 – 10:00. Discussion

## **SESSION 2. Multimodality imaging and hemodynamics**

Moderators: Covadonga Fernandez-Golfín, Victoria Delgado

10:00 – 10:10. Tricuspid valve anatomy, grading and quantification of TR pre and post-intervention. Giorgia Benzoni.

10:10 – 10:20. Assessment of right ventricular function. Rocío Hinojar.

10:20 – 10:30. Right atrium, venous system and systemic congestion. Eduardo González.

10:30 - 10:40. CT for tricuspid interventions. Eduardo Pozo.

10:40- 10:50. Right heart catheterization and pulmonary hypertension. Ander Larrea.

10:50-11:00. Discussion

**11:10 – 11:30. Coffee break**

## **SESSION 3. Timing of intervention and Heart Team decision making**

Moderators: JL. Zamorano, Javier Balaguer

11:30 – 11:40. Guideline recommendations for tricuspid intervention. Victoria Delgado

11:40 – 11:50. Isolated TR vs TR associated with left-sided valve disease. Covadonga Fernández-Golfín.

11:50 – 12:00. When is it too late? Futility and end-organ damage. Rocío Hinojar

12:00- 12:10. Algorithm of diagnosis and management and referral pathways. Ariana Gómez-Gonzalez.

12:10-12:20. Discussion.

## **SESSION 4. Therapeutic options**

Moderators. Roberto Muñoz Aguilera.

12:20 – 12:30. Medical therapy in tricuspid regurgitation. Role of HF specialist. Marta Jiménez-Blanco

12:30 – 12:40. Surgical treatment of tricuspid disease. Jorge Roda.

12:40-12:50. Transcatheter treatment: when to repair and when to replace. Angel Sanchez-Recalde.

12:50-13:00. Discussion

## **SESSION 5**

### **Transcatheter treatment**

Moderators: Ignacio Cruz, Omar Abdul-Jawad Altisent

13:00 – 13:10. Transcatheter repair (TEER). Fernando Sarnago Cebada

13:10 – 13:20. Case example 1. María del Trigo

13:20 - 13:30. Case example 2. Pilar Jiménez Quevedo

### **13:30 – 14:30. Lunch**

14:30 – 14:40. Transcatheter tricuspid valve replacement (TTVR). Angel Sanchez-Recalde

14:40-14:50. Case example 1. Angel Sanchez-Recalde

14:50-15:00. Case example 2 Luis Nombela Franco

15:00-15:10. Case example 3 Ignacio Cruz Gonzalez

15:10-15:20. Heterotopic therapy. Omar Abdul-Jawad Altisent

15:20-15:30. Case example. Iván Gómez Blázquez.

## **SESSION 6. Heart Team in action – Case-based discussion**

Fernando Sarnago, Carmen Jiménez-Guasch, María del Trigo, Vanesa Moñivas, Luis Nombela, Eduardo Pozo, Angel Sánchez-Recalde, Covadonga Fernández-Golfín.

15:30-15:45. Case 1. Severe TR and moderate-severe MR. H. Doce Octubre

15:45-16:00. Case 2. Device-related TR (pacemaker lead). H. Clínico San Carlos

16:00-16:15. Case 3. Advanced TR with hepatic congestion. H. Puerta de Hierro

16:15-16:30. Case 4. Severe TR and severe AS. H. Ramon y Cajal.

16:10-16:20. Discussion

16:20 – 16:30. Take-home messages and closing remarks of the day. Angel Sánchez-Recalde

## **FACULTY**

Nieves Tarín. Hospital Universitario de Móstoles.

Javier Balaguer. Hospital Universitario Guadalajara.

Roberto Muñoz-Aguilera. Hospital Universitario de Vallecas.

Petra Sanz Mallordomo. Hospital Universitario Rey Juan Carlos

Victoria Delgado. Hospital Universitario Gemans Trias.

Eduardo Pozo. Hospital Universitario Clínico San Carlos.

Ignacio Cruz. Hospital Universitario de Salamanca.

María del Trigo. Hospital Universitario Puerta de Hierro.

Fernando Sarnago Cebada. Hospital Universitario Doce de Octubre

Iván Gómez Blázquez. Hospital Universitario Doce de Octubre

Carmen Jiménez-Guash. Hospital Universitario Doce de Octubre.

Luis Nombela Franco. Hospital Universitario Clínico San Carlos.

Pilar Jiménez Quevedo. Hospital Universitario Clínico San Carlos.

Omar Abdul-Jawad Altisent. Hospital Clinic de Barcelona.

Giorgia Benzoni. University of Milan Bicocca, Milan (Italy)

Ariana Gómez González. Hospital Universitario Ramón y Cajal.

Eduardo González. Hospital Universitario Ramón y Cajal.

Rocío Hinojar. Hospital Universitario Ramón y Cajal.

Ander Larrea. Hospital Universitario Ramón y Cajal.

Luisa Salido Tahoces . Hospital Universitario Ramón y Cajal.

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Ana García Martín. Hospital Universitario Ramón y Cajal.

Jesús Alvarez García. Hospital Universitario Ramon y Cajal.

Marta Jimenez-Blanco. Hospital Universitario Ramon y Cajal.

Jorge Roda. Hospital Universitario Ramon y Cajal.

José Luis Zamorano. Hospital Universitario Ramon y Cajal.