



**Grupo de trabajo de diagnóstico intracoronario de la
Asociación de Cardiología Intervencionista de la
Sociedad Española de Cardiología (ACI-SEC)**
Working group of intracoronary diagnostic of the ACI-SEC

Advances in the diagnosis and treatment of patients with MINOCA

PRELIMINARY PROGRAM

2nd February (Friday)

Objectives

To raise awareness about the prevalence and clinical relevance of myocardial infarction with non-obstructed coronary arteries (MINOCA). To teach the main etiologies of this syndrome and the best diagnostic strategies.

Target audience

Residents, fellows and trained cardiologists, both clinical, imaging specialists and interventionalists.

Directors

Josep Gómez Lara
Enrique Gutiérrez Ibañes

Structure

The course is composed of three blocks. In the first block we will address MINOCA as a clinical problem, its relevance and causes and the available evidence on medical therapy. In the second block we will discuss the use of diagnostic tools with the goal of reaching a specific diagnosis. The third block will be dedicated to an integrated overview of the diagnostic pathway and a look into the future of research in MINOCA. In each talk, the speaker is expected to reserve 3 minutes for questions and answers, and at the end of each block we will dedicate additional time to discussion. The talks will be complemented by a presentation of 3 clinical cases selected from those sent in advance by the faculty and the audience.



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AGENDA

2ND February (Friday)

9:30-9:50h

Welcome and introduction

9:50-10:10h

The clinical problem of MINOCA. Prevalence, prognosis and costs

Why we should pay attention to these patients.

Sergio García Blas, H. Clínico Valencia

10:10-10:30h

Frequent causes of MINOCA

What to look for, when and how.

Josep Gómez Lara, Bellvitge, Barcelona

10:30-10:50h

Imbalance between oxygen supply and myocardial demand as a cause of MINOCA from the basic research.

Diagnostic and therapeutic implications

Teresa Padró, H. Santa Creu i Sant Pau

10:50-11:10h

Treatment of MINOCA

Evidence based approach to individualized treatment

Xavier García-Moll, H. Santa Creu i Sant Pau

11:10-11:30h **Discussion**

11:30-12:00h **Coffee break**

12:00-13:00h

Clinical cases presentation

Case 1: 10 min presentation and 10 min discussion

Case 2: 10 min presentation and 10 min discussion

Case 3: 10 min presentation and 10 min discussion

13:00-13:20h

A closer look at the coronary angiogram

SCAD and other overlooked findings.

Fernando Alfonso, H. La Princesa, Madrid

13:20-13:50h

The role of intracoronary imaging in MINOCA

Complicated plaques and other diagnostic findings

Tom Johnson, Bristol, UK



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13:50-14:10h

The role of coronary physiology in MINOCA

Spasm, endothelial dysfunction, milking, microvascular dysfunction.

Enrique Gutiérrez, H. Gregorio Marañón, Madrid

14:10-14:30h

The role of non-invasive imaging in MINOCA

Recognition of myocarditis, infarction, and other etiologies.

Eloisa Feliu, H. Universitario Alicante

14:30-15:00 **Discussion**

15:00-16:00h **Lunch break**

15:00-16:00h **Hands-on workshop on coronary microcirculation assessment and OCT**

16:00-17:00h

Clinical cases presentation

Case 1: 10 min presentation and 10 min discussion

Case 2: 10 min presentation and 10 min discussion

Case 3: 10 min presentation and 10 min discussion

17:00-17:20h

Integrating diagnostic tools in an effective diagnostic algorithm

A step-by-step guide to diagnosis

Javier López País, Santiago de Compostela

17:20-17:40

Imaging & Physiology Clinical Evidence and future perspective

What we need from future clinical trials

Salvatore Brugaletta, H. Clinic Barcelona

17:40-18:00h **Conclusions**