



INOCA International
NEWSLETTER

Spring Edition | www.INOCAInternational.com

A Remarkable Start to 2026!

*Milestones, breakthroughs, new partnerships -
and warmest Easter wishes from all of us at
INOCA International!*



173

Countries Reached

90%

Global Coverage

195,000+

Website Views

5,500+

Patient Group

[www INOCAInternational.com](http://www.INOCAInternational.com)

What a Way to Start 2026 — Making History

INOCA INTERNATIONAL × NHS PARTNERSHIP · A WORLD FIRST FOR PATIENT-LED ADVOCACY

A HISTORIC MILESTONE

A lack of awareness and understanding of INOCA and ANOCA continues to drive poor quality of life and suboptimal healthcare outcomes for patients worldwide. That is why we are incredibly proud to have become **the first patient-led organisation to partner with the UK's National Health Service (NHS)** to deliver professional education in this field.

This landmark collaboration delivers a comprehensive 10-module educational series on INOCA and ANOCA, created by leading international experts for healthcare professionals, designed to help improve clinical awareness, diagnostic confidence and patient outcomes.

Education Drives Awareness — Better Awareness Drives Better Care

Although hosted within the NHS Learning Hub, these modules are accessible internationally to healthcare professionals with NHS-linked access — extending their reach far beyond the UK to clinicians across **173+ countries worldwide, completely free.**

A Call to Action — Please Share Widely With:

Cardiologists · Nurses · A&E Teams · Medical Students · Primary Care Professionals

Together, we can ensure more patients receive the understanding, diagnosis, and care they truly deserve.

<https://learninghub.nhs.uk/catalogue/INOCA-ANOCA/about>

Images from 3 of the INOCA/ ANOCA videos hosted on the NHS e-learning hub are shown below



10-MODULE PROGRAMME

All modules cover diagnostics, assessment, symptoms, patient perspective, and notable science and research.

- 1 Introduction to INOCA
- 2 Pathophysiology of INOCA
- 3 Clinical Presentations and Diagnosis
- 4 Diagnostic Testing in INOCA
- 5 The Use of CMR in Diagnosis
- 6 Treatment Strategies in INOCA
- 7 Non-Pharmacological Management
- 8 Prognosis in INOCA
- 9 INOCA in the Emergency Care Setting
- 10 The INOCA Patient Perspective

What the Programme Covers

Diagnostics & assessment · Symptoms & patient presentation · Patient perspective · Latest science & research

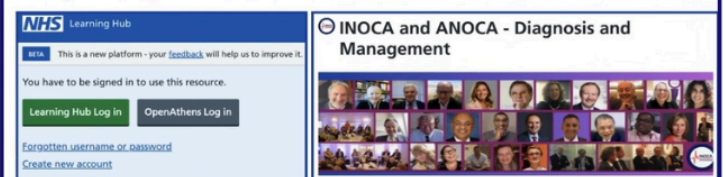
The First of Its Kind

The first wholly volunteer, completely non-profit, patient-led INOCA group to partner with the NHS in delivering INOCA/ANOCA videos, hosted on the NHS e-learning platform.

Education is such a powerful tool. Without it, patients can suffer more than necessary. With it, we know better what symptoms to look for and how to best utilise the most appropriate tests and interventions.

INOCA INTERNATIONAL

10 specially recorded modules on INOCA AND ANOCA



<https://learninghub.nhs.uk/Catalogue/INOCA-ANOCA>

**The UK NHS Learning Hub
Accessible to medical professionals worldwide**

ACCESS ALL 10 MODULES FREE

<https://learninghub.nhs.uk/Catalogue/INOCA-ANOCA>

Share with colleagues
help us improve INOCA care globally!

Find out more about INOCA at
www.inocainternational.com

Follow us on X
@inocainternati



Professor Colin Berry

Pathophysiology of
INOCA
Unpacking the Mechanisms



Coronary tone reduces under stimuli to allow increased blood flow to the myocardium to match demand

Doctor Rajan Sharma

Clinical Presentation
and
Diagnosis of INOCA



The impact of INOCA reaches beyond the individual

Professor Divaka Perera

Diagnostic Testing in
INOCA



What are the benefits of testing in INOCA patients?

INOCA International — Truly International · 173 Countries, 90% of the World

BRIDGING THE GAP · NHS EXPERT VIDEO SERIES · GLOBAL GUIDELINES · HCP SURVEY · INTERNATIONAL WOMEN'S DAY

GLOBAL IMPACT

Raising Awareness is the Foundation for Everything

173

COUNTRIES

90%

GLOBAL
COVERAGE

5,500+

PATIENT
COMMUNITY

195K+

WEBSITE
VIEWS

We have now reached 90% of the globe and would like to celebrate this feat together. The more awareness we have of INOCA conditions, the less patients suffer. Awareness is the foundation for everything.



Volunteer with INOCA International · WHF Roadmap · World Adherence Day

PATIENT VOICES · PROFESSIONAL INSIGHTS · COLLECTIVE IMPACT · 20 MILLION LIVES · 27 MARCH 2026

VOLUNTEER WITH INOCA INTERNATIONAL

Are You Interested in Becoming Involved?

As a non-profit organisation, we rely on the contributions of volunteers to operate and function. There are some upcoming exciting times for INOCA International and we would love to welcome any patients, professionals, or organisations to become involved.

Volunteering can boost self-esteem, re-establish confidence, and satisfy personal values such as contribution, service, and courage. By offering your time, you may feel a sense of connection, belonging, and community.

INOCA International Volunteer Network

The launch of the INOCA International Volunteer Network is such an exciting development! INOCA International has already been involved in important projects — including the £55 million Welcome Leap VISIBLE project. The first Volunteer Network project is due to begin very soon.

contact@inocainternational.com

How You Can Help

Join Our Community

Connect with 5,500+ patients worldwide

Share & Spread Awareness

Tag healthcare professionals, use #INOCA

Support Our Work

Find out about partnership opportunities

Subscribe

Share our newsletter with a cardiologist!

INOCA is not benign

WORLD HEART FEDERATION

20 Million Lives — A Roadmap Built Around People, Not Diseases ♥

~20M

CVD DEATHS YEARLY

37%

ADULTS WITH MULTIPLE CONDITIONS

▼ Fewer Hospitalisations

▼ Lower Treatment Burden

▼ Stronger Care Co-ordination

▼ Better Quality of Life

The World Heart Federation has launched a powerful new roadmap for advancing integrated care for cardiovascular disease and multiple long-term conditions — built around people, not diseases. world-heart-federation.org · www.INOCAInternational.com

WORLD ADHERENCE DAY · 27 MARCH 2026

Don't Miss a *Moment!*

Stay on track · Protect your heart · Live life as fully as possible

50%+

of patients do not follow prescribed treatment

200K

deaths per year in Europe from non-adherence

39%

fewer cardiac events with good adherence

INOCA International joins the World Heart Federation and global partners in marking World Adherence Day — dedicated to one of medicine's greatest untold challenges.



WORLD ADHERENCE DAY

27 MARCH

N.B. Nothing in this newsletter should be considered in any way as advice or recommendation. All information contained in this newsletter is an opinion only and is shared here only in the hope that it is of interest to other patients and medical professionals. Always consult your own medical practitioner before trying any new medications or therapies and before changing any of your current routines.



A MAJOR ANNOUNCEMENT FOR 2026



Two Organisations. One Shared Mission. A Meaningful New Collaboration



INOCA
INTERNATIONAL

SHOCKWAVE
MEDICAL

A Johnson & Johnson MedTech Company

A MEANINGFUL NEW PARTNERSHIP

Two Organisations. One Shared Mission.

SHOCKWAVE MEDICAL (JOHNSON & JOHNSON MEDTECH) × INOCA INTERNATIONAL · EASTER 2026

INOCA International is absolutely delighted to share some truly wonderful news!
Shockwave Medical is now a valued funding partner of INOCA International!

OUR VALUED NEW FUNDER

Shockwave Medical

Part of Johnson & Johnson MedTech — a global leader in advancing coronary care, including development of the Coronary Sinus Reducer, designed to improve symptoms, enhance quality of life and support patients with refractory angina and microvascular dysfunction.

4
ACTIVE CLINICAL
TRIALS

39%
FEWER CARDIAC EVENTS WITH
ADHERENCE

WHY THIS MATTERS

For far too many patients, refractory angina and non-obstructive coronary artery disease remain **under-recognised, underdiagnosed and undertreated**. This partnership represents a meaningful step forward in changing that reality.

WHAT THIS PARTNERSHIP MEANS

Together, we aim to continue advancing education and awareness · Supporting clinicians in understanding complex coronary physiology · Amplifying patient voices · Helping bridge the gap between innovation and real-world care.

PATIENT-LED ADVOCACY

INOCA International

INOCA International continues to lead globally as a patient-led advocacy organisation, supporting those with INOCA, ANOCA, NOCAD, MINOCA and Takotsubo.

173
COUNTRIES
REACHED

5,500+
PATIENT
COMMUNITY

19
EXPERT
ADVISORS

INDEPENDENCE ALWAYS

All funding received by INOCA International is unrestricted, ensuring that our independence remains fully protected. This independence is fundamental to the trust placed in us by patients, clinicians, and partners worldwide.

LOOKING AHEAD

This is far more than a partnership. It is a step toward a future where INOCA is recognised, diagnosis is timely, treatment options are available, and patients receive the care they deserve. We extend our heartfelt thanks to Shockwave

THANK YOU FOR YOUR SUPPORT!

INOCA International & Shockwave Medical

N.B. Nothing in this newsletter should be considered in any way as advice or recommendation. All information contained in this newsletter is an opinion only and is shared here only in the hope that it is of interest to other patients and medical professionals. Always consult your own medical practitioner before trying any new medications or therapies and before changing any of your current routines.

Shockwave Reducer at EuroPCR 2026

19th - 22nd
May 2026

DON'T MISS THIS SPECIAL SESSION

Are you heading to PCR This Year?

A landmark session delivering the latest evidence on coronary care for patients with INOCA and obstructed coronary artery disease - hosted by Shockwave Medical

FEATURED
SESSION

**Evidence in Action:
Advancing Care for
Angina**
with Shockwave Reducer

DATE

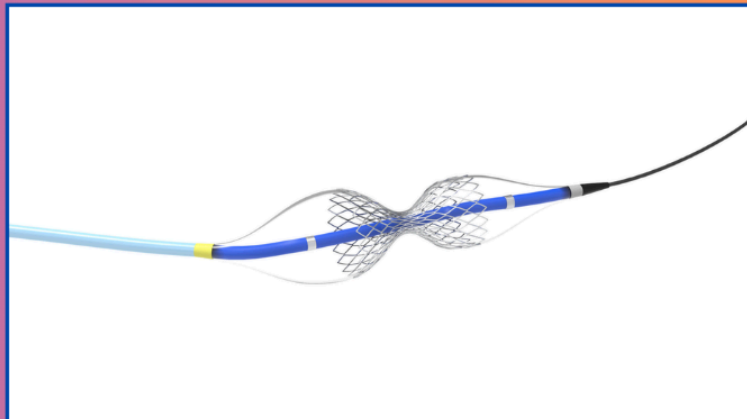
Wed 20th May

TIME

13:40 - 14:40

LOCATION

Room 251



WHAT WILL YOU LEARN

Learning Objectives

- 1 Understand the **true prevalence and impact of angina** on patients and the healthcare system
- 2 Gain an understanding of the **Shockwave Reducer technology** to treat patients with angina
- 3 Hear about the existing and future **clinical data** supporting the Shockwave Reducer across obstructive and non-obstructive disease

ACTIVE CLINICAL TRIALS

Collecting mounting evidence for CMD patients - all Shockwave Medical sponsored and funded trials

COSIRA II

● Pivotal evidence trial

REMEDY-PILOT

● Early feasibility study

COSIMA

● Microvascular outcomes

REDUCE CMD

● CMD reduction assessment

NOW ENROLLING

SESSION FACULTY

World Class Speakers

Faculty includes INOCA international Medical Advisory Board member:

Dr Ranil de Silva

ANCHORPERSON

Prof Rasha Al-Lamee

ANCHORPERSON

Prof Tommaso Gori

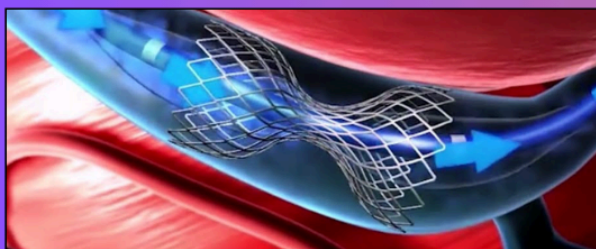
DISCUSSANTS

Dr Ranil de Silva

Dr Oriol Rodriguez

Prof Mariusz Tomanisk

Dr Mike Foley



THE TECHNOLOGY

Coronary Sinus Reducer

Providing much needed relief to patients with **Refractory Angina** - designed for INOCA/ANOCA patients with diagnosed coronary microvascular dysfunction (CMD)

INOCA/ANOCA

CMD

REFRACTORY
ANGINA

SHOCKWAVE
REDUCER

**CORONARY SINUS REDUCER:
Providing Much-Needed Relief to Patients
with Refractory Angina¹**

For patients with non-obstructive coronary artery disease (INOCA/ANOCA) with diagnosed coronary microvascular dysfunction (CMD)¹

Collecting Mounting Clinical Evidence for CMD Patients

NOW ENROLLING
COSIRA II | REMEDY-PILOT | COSIMA | REDUCE CMD

The studies are all Shockwave Medical sponsored or funded trials

Johnson & Johnson
MedTech

SHOCKWAVE
MEDICAL

Professor Mario Marzilli

1948 · 2026

Professor of Cardiology · University of Pisa · University of Siena
Passed peacefully at home, 27th March 2026, surrounded by love.



It is with profound sadness, and hearts full of gratitude for having known him, that INOCA International shares the passing of our dear friend, colleague, and Medical Advisory Board member, Professor Mario Marzilli, on 27th March 2026.

A Giant in Cardiology

To the global cardiology community, Professor Marzilli was a towering figure — a physician-scientist of exceptional intellect whose work helped shape modern understanding of ischaemic heart disease, myocardial ischaemia, and coronary artery spasm. His contributions have left an enduring mark on cardiovascular medicine.

A Remarkable Human Being

To those who knew him personally, he was so much more. He was warm, generous and deeply kind. He made people feel that their questions mattered, that their work mattered — and above all, that patients mattered.

A Life of Dedication

Professor Marzilli began his medical journey in Pisa, graduating in 1971, and went on to train in both Cardiology and Diagnostic Radiology. He had the great privilege of working alongside Professor Luigi Donato and Professor Attilio Maseri.

Always with rigour, always with grace, always in the service of patients.

A Relentless Pursuit of Truth

What truly set him apart was his unwavering commitment to scientific integrity. He challenged assumptions. He questioned evidence. He pursued truth — always with rigour, always with grace, always in the service of patients. His understanding of coronary pathophysiology helped lay vital foundations for the field of INOCA.

A Lasting Legacy

He was deeply respected by colleagues, beloved by patients, and an inspiring mentor to generations of physicians. His legacy lives on in the clinicians he trained, in the patients whose lives were improved, and in the science he helped shape.

A Personal Loss

To all of us at INOCA International — he was not only an extraordinary advisor, but also a very much cherished friend. We were honoured, and remain honoured, to have had him as part of our family.

With Deepest Sympathy

We extend our heartfelt condolences to his family, friends, and colleagues around the world. The cardiology community has lost one of its finest. We have lost a truly wonderful friend.

Rest peacefully, dear Mario — and thank you, for everything.

From our Management Team, from our Medical Advisory Board and from all the INOCA Community.

Our Sincere Gratitude Goes To...



Our Medical Advisory Board

Thank you for volunteering your world-class expertise, time, and dedication — and special thanks to all who participated at ESC Congress Meeting and Booth and in our NHS videos!



Our Funders

World Heart Federation, Shockwave Medical (Johnson & Johnson MedTech), Translational Medicine Academy, Medical Education Global Solutions, and all patients and professionals who so very kindly support our mission.



Our Volunteers

From translations to this newsletter, to social media, to event support and so much more — patient or professional, your generous contributions make everything possible!



Healthcare Professionals

Thank you to every doctor, nurse, researcher, and clinician who is working to improve INOCA awareness and care.



Our Patient Community

5,500+ strong and growing — your voices, your stories, your experiences and your support inspire everything we do.



Families & Supporters

Thank you for supporting our volunteers while they gift their time to serve others. And to all those currently working with us on projects yet to be announced!

As with everything we do here at INOCA international, this newsletter is a collaborative achievement resulting from the generosity of so very many others



“THANK YOU SO MUCH”

to all who helped to bring our Easter newsletter together!



Wishing a very **“Happy Easter”** and **“Happy Passover”** to all those who celebrate it and a belated **“Happy Eid al-Fitr”** to all those who celebrated recently too!

LinkedIn

<https://www.linkedin.com/in/inoca-international-152753231/>

Website:

www.INOCAInternational.com

Facebook:

<https://www.facebook.com/groups/491395198372627>

X (formerly Twitter)

<https://x.com/InocaInternati1>

Instagram:

https://www.instagram.com/inoca_international/

TikTok:

https://www.tiktok.com/@inoca_international

Find out more about INOCA and ANOCA on our website at

www.INOCAInternational.com