



CARDIOVASCULAR
RESEARCH INSTITUTE DUBLIN

**ADVANCING HEART
HEALTH THROUGH
PATIENT-CENTRED
CLINICAL RESEARCH**



www.cvridublin.ie



**Mater
Private
Network**



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ABOUT

The Cardiovascular Research Institute Dublin (CVRI Dublin) was established in 2019 as a research institute at Mater Private Network Dublin in a collaboration with the Royal College of Surgeons in Ireland (RCSI). The CVRI Dublin is affiliated with the Heart and Vascular Centre at Mater Private Network, which is home to the largest group of specialist and subspecialist cardiology consultants in Ireland. The CVRI Dublin is led by Prof. Robert Byrne, Mater Private Network's Director of Cardiology.

The CVRI Dublin brings together the expertise of Mater Private's world-class team of over 30 cardiology consultants and specialist clinical researchers with the objective of providing a continuous source of innovation, knowledge, and discovery in the field of cardiology.





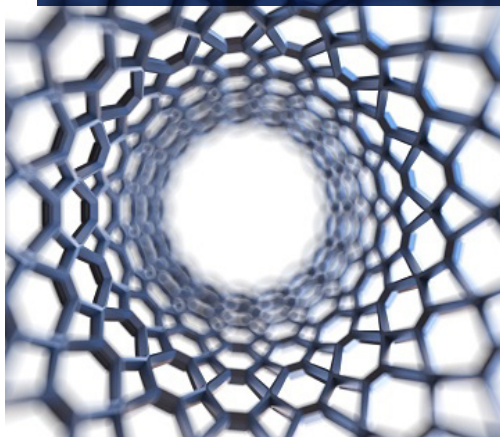
PATIENT OUTCOMES RESEARCH

RESEARCH REGISTRIES

Over the past decade, clinical registries have become invaluable contributors to scientific knowledge by offering an insight into real-world trends and patterns of patient care. The CVRI Dublin's objective is to establish a cardiac outcomes registry within the Mater Private Network, with the longer term aim of rolling out Ireland's first national cardiac outcomes register.

INNOVATIVE CLINICAL TRIALS & ACCESS TO NEW TREATMENT

Our mission is to advance heart health through patient centred clinical research, through the delivery of both investigator-initiated research and by working with external sponsors and contract research organisations as part of multi-site international trials.



Multicentre Trials

REFORM – a first in-man trial to determine the safety and efficacy of the Biolimus A9™ drug coated balloon for the treatment of in-stent restenosis.

SANTORINI - treatment of high and very high risk dyslipidemic patients for the prevention of cardiovascular events in Europe – a multinational observational study.

FAST III - a multicentre, randomised controlled trial to determine the safety and effectiveness of an angiography-based vessel-Fractional Flow Reserve guided strategy versus an invasive FFR guided strategy to guide coronary revascularisation in patients with intermediate coronary artery stenosis.

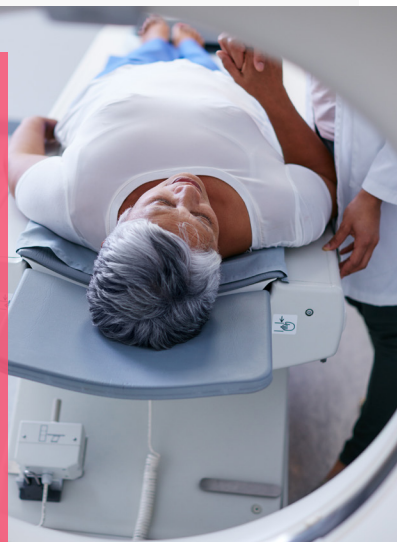
TARGET BP1 - a pivotal, multicentre, blinded, sham procedure-controlled trial of renal denervation by the Peregrine System™ Kit, in subjects with hypertension.

Investigator Initiated Research

SETANTA - CVRI Dublin and Mater Private Network are proud to have undertaken the SETANTA Study (study of heart disease and immunity after COVID-19 in Ireland), Ireland's largest prospective study on long COVID and heart health. Reassuring findings from the study show a high proportion of participants presented with residual cardiac symptoms, but prevalence of lasting cardiac damage is low.

CORE LAB TECHNICAL ANALYSIS OF DATA

CVRI Dublin hosts a comprehensive cardiovascular imaging laboratory, directed by experienced clinical researchers who specialise in all aspects of coronary angiography and intravascular imaging, while providing comprehensive assessment of coronary and structural heart disease. It is committed to consistently advancing the field by developing and validating new methodologies.



TARA PROJECT

INDEPENDENT SYSTEMATIC REVIEW OF EVIDENCE FOR MEDICAL TREATMENT TARA PROJECT

TARA Project is an online resource designed to streamline and summarise evidence relating to antiplatelet therapy in cardiovascular patients. It provides clinicians with real time access to summarised data from a host of clinical trials relating to antiplatelet therapy, helping to guide the management of patients undergoing percutaneous coronary intervention for both acute and chronic coronary syndromes.

DUBLIN CARDIOVASCULAR RESEARCH FORUM (DCRF)

The Dublin Cardiovascular Research Forum (DCRF) provides clinicians and colleagues with the opportunity to hear presentations from an international panel of speakers. The DCRF takes place online, weekly during term time. For details of upcoming events and recordings of previous webinars, please visit:

[www.cvridublin.ie/education-and-publication/
dublin-cardiovascular-research-forum/](http://www.cvridublin.ie/education-and-publication/dublin-cardiovascular-research-forum/)



CORE-MD

CORE-MD is a European Union Horizon 2020 project, that will run from April 2021 until March 2024. It will review methods for evaluating high-risk medical devices in the fields of cardiology, orthopaedics, as well as high-risk devices used for the treatment of diabetes mellitus. Led by the European Society of Cardiology (ESC) and the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), the CORE-MD consortium includes 22 partners involved in the development, evaluation, approval, clinical use and monitoring of medical devices. Professor Byrne will be the Dublin-lead on the project, working in close collaboration with the Health Products Regulatory Authority (HPRA).





View of the River Liffey and Samuel Beckett Bridge, Dublin City Centre, Ireland. Home to the Cardiovascular Research Institute.

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