

IDEAL4RWE Leadership Training 2022

Equipping the real-world evidence research leaders of the future

Outcomes research has never been more important in healthcare, and in particular in cancer care. Survival variation across countries is well documented through epidemiological registries, but the identification of actionable solutions is more challenging. Clinical trials remain of central importance but are rarely possible at a scale to address all questions of risk, prognosis, treatment and personalised care. These restrictions on research are reflected in the European Cancer Mission priorities and the funding programmes to support them. The efficient and scalable generation of evidence derived from existing data within routine electronic medical records (real-world evidence (RWE)) has a key role to play in highlighting and driving changes in clinical practice.

But there is a critical skills gap - **a lack of clinical researchers with the skills to scale digital methods into care systems and so transform care quality management internationally**. To equip young research leaders with the skills they will need to drive RWE research in the future, including accessing funding, we have developed the IDEAL4RWE Programme, designed based on years of academic and commercial experience in delivering outcomes research in cancer.

IDEAL4RWE training programme combines:

- An overview of the opportunities, challenges and practice of RWE in cancer
- Technical skills to realise “the art of the possible”, including novel study designs and technologies
- Strengths and weaknesses of RWE study design
- Effective hypothesis generation and preparation of funding proposals
- Research leadership skills, including self-awareness, forming teams across diverse functions and geographies, influencing systems and managing projects and budgets

Programme includes development of a collaborative RWE research proposal with course participants from other European countries, competitive application for IDEAL4RWE funds to complete your analysis and delivery of your study protocol with the guidance of research leaders in a Scientific Advisory Board (including submission of an academic poster to a 2023 clinical conference).

Aim: to equip European researchers with the necessary skills and experience in real-world outcomes research to lead academic and commercial multi-centre funding bids

Delivery: 12 months part-time training (to April 2023) in technical RWE and research leadership skills, including the facilitation of multi-country pilot project collaborations and competitive funding for simple protocol delivery

Outcome: comprehensive RWE skills that can be applied to existing cancer data in your institution; a new peer network across European cancer institutions; an EMR-driven academic research protocol; completed RWE analysis and clinical conference poster

Benefits: flexible distance learning, opportunity to be coached in research skills and leadership while developing a peer network of potential collaborators across Europe (including face-to-face contact time). For those winning funding, the opportunity to develop and deliver a research protocol with collaborators across Europe as a first step to larger research bid submissions

Requirements: individual applicants will be already involved in research, employed by an oncology healthcare provider or not-for-profit, and <45 years old. All course costs are covered but applicants will need senior support to complete the training, in terms of agreed study time and backfill (where required) – see below. To gain project funding, an applicant’s host centre must commit to join [DIGICORE](#) network



Estimated time commitment



Programme Outline

Modules 101 and 102: RWE Fundamentals and application guidance	4x 1-hour virtual seminars covering RWE opportunities, challenges, and contemporary case studies. Tutorial time to engage with other participants, and form teams. Guidance on completing applications for “Proof of Concept” study
Module 103: Research leadership	face to face residential and action learning sets covering self-management, team development, research project management, confident communication, collaboration building and protocol development (based on previous synopsis)
Module 201: Advanced RWE technical training	a series of virtual seminars concurrent with Module 103 covering information governance, technology solutions, protocol development, analytical approaches, etc

During Module 103/201, submitted research protocols will be assessed by the independent IDEAL4RWE Leadership Advisory Board and funding awarded to the most promising proposals. For the successful collaborative networks, the remainder of the IDEAL4RWE programme time (Jan-Apr 2023) will be spent delivering the analysis outlined in the protocol and preparing an academic poster for submission to a clinical conference.

For more information, please review the recorded introductory webinar ([here](#)).

You can enrol for the training [here](#).

For general enquiries, please contact training@digicore-cancer.eu.

