

DIGICORE 2023

DIGICORE review

Agenda Overview

13 November 2023

Adriana Albini

***Scientific Collaborator** - IRCCS European
Institute of Oncology IEO, Milan.*

***Academic Research Manager** - DiGiCore
(Digital Institute for Cancer Outcomes
REsearch), Brussels, Belgium*

***Chair** - "Cancer Prevention Working Group-
CPWG", AACR (American Association for Cancer
Research), Philadelphia, USA*



DIGICORE review

- 12.30 - 13.00 **Welcome and Introduction to DIGICORE**
Gennaro Ciliberto
- 13.00 - 13.30 **Agenda Overview**
Alberto Traverso, Adriana Albini
- 13.30 - 14.00 **Keynote 1**
Cancer OMOP, the global community and vision
Asieh Golozar
- 14.00 - 14.30 **Keynote 2**
ECO Foundation research in Spain: major research interests using RWE
Jesús García-Foncillas
- 14.30 - 15.00 Coffee Break
- 15.00 - 16.00 **Results & lessons learnt from the first DIGICORE studies in IDEAL4RWE**
Chairpersons: Iwona Ługowska, James Anderson
This session will provide an update on the RWE training programmes targeting mid-career clinicians and researchers in DIGICORE's IDEAL4RWE programme. Our first wave of research protocols are underway and processing results in breast, head and neck and prostate cancer. Early results will be shared, with one of the teams having secured an ESMO abstract.
Speakers: Cédric van Marcke, Eriseld Krasniqi: Breast
Irene Moreno, Gincy George, Beth Russell: Prostate
Gaber Plavc: Head and Neck
- 16.00 - 17.00 **DigiONE Pilot and DigiONE – I3: our technology progress in 2023, our vision for 2025**
Piers Mahon, Giovanni Tonon
DIGICORE focuses on rich "from hospital electronic health record" real world research, which require federated infrastructures and advanced digital interoperability and data quality tools. We now have a prototype open standard and architecture for a Digital Oncology Network for Europe using Cancer OMOP. DIGICORE has secured European funding from the ERDF I3 scheme to scale that network to around 20 hospitals. This session will provide an overview of progress, lessons learnt, tools available to partner hospitals and outline our technology roadmap. We will have speakers from the individual hospitals in the pilot, subject to clinical duties.

- 17.00 - 17.30 **Comprehensive Cancer Infrastructures for Europe update**
Giovanni Apolone, Giulia Piaggio
CCIAEU is a European Coordination and Support Action (CSA) to set up accredited Comprehensive Cancer Infrastructures, within and across all EU Member states, to increase quality of research and care. The CSA aims to rethink the cancer culture at all levels by funding relevant research, and a more equitable transfer of knowledge to everyone, in terms of prevention, diagnosis, and care, in line with the objectives of the Recommendation #13 of the Mission on Cancer. The CSA is coordinated by OECl and involves DIGICORE among the partners.
- 17.30 - 18.00 **Session A**
DIGICORE 2024 clinical research priorities and working groups
Facilitated by DIGICORE Research Managers: Adriana Albini, Piers Mahon
Piers Mahon will provide an overview of DIGICORE's proposed strategic research themes where an international body like DIGICORE can work with partners to catalyse new research.
Adriana Albini will provide an overview of the proposed programme of work to set up our clinical working groups to develop international care quality and outcome research programmes.
Our target audience for this session are heads of R&D and senior clinical researchers.
- 18.00 - 18.45 **Session B**
"Clinical informatics tools in open source to help DIGICORE members digitise"
Alberto Traverso, Xose Fernandez
Selected Abstracts Presentation
In parallel there will be a poster session for a more technical audience to showcase the open source tools our hospitals have already built that could support our digital research agenda.
- 18.45 - 19.30 **Cocktail and networking**

New Horizons for International Digital Cancer Research

08.45 - 09.15 **Welcome, agenda and overview of DIGICORE's proposed research themes as suggested by the SAB in Brussels**
Aslaug Helland, Piers Mahon

09.15 - 10.30 **Panel 1**
Real world evidence for radiotherapy
Chairperson: Roberto Orecchia
This panel will provide an overview of major radiotherapy RWE programmes underway today, to describe the state of the art, identify the technical barriers to scaling such research and suggest opportunities for future international research collaboration, especially in digital care quality improvement and outcomes research to support the Beating Cancer plans / Cancer Mission.
Speakers:
Vincenzo Valentini
Lessons from the Gemelli RWE generator for digital care quality programmes in radiotherapy
Ane Appelt
Lessons from ATOMCAT and other programmes
Alberto Traverso

10.30 - 11.00 Coffee Break

11.00 - 12.15 **Panel 2**
Real world evidence for Cardio-toxicology
Chairperson: Adriana Albini
Cardiotoxicity is a major complication of cancer care, both from radiotherapy and drugs. The integration of real world information from cancer clinics and cardio clinics at scale could transform our understanding of this co-morbidity and improve its prevention and management. Leaders from 3 national cardiotoxicity programs will overview their research activity. Leaders from national cardiotoxicity programs will overview their research activity and tackle the issues of cardioncology in daily practice.
Speakers:
Teresa López Fernández, Maria Laura Canale, Marcell Ragan

12.15 - 13.00 **CamON Project: a breakthrough for measuring and comparing in breast cancer**
Healthcare Organizations are shifting to a model based on Value-Based Healthcare. In order to effectively implement this new paradigm, they need to be able to measure what they do: not only volumes (i.e. number of patients visited) but also the impact of their interventions (i.e. patient outcomes). The project CamON was born with the primary objective of collecting all the relevant information generated during the breast cancer patient journey and transforming it into actionable insights for clinicians and hospital managers to base decisions on evidence.
Chairperson: Jesus Garcia-Foncillas
Speakers:
Luis Manso, Ramón Burgos Pol, Carles Illa

13.00 - 14.00	Lunch
14.00 - 15.15	<p>Panel 3 Implementation Science – driving the benefits of PROs into routine care Chairperson: <i>Piers Mahon</i> Evidence is emerging that using PROMs to routinely monitor cancer patients has direct clinical benefit. It also creates important quality improvement and research opportunities. However, implementing PROMs in routine care is challenging given the need to modify care pathways, find skilled staff and secure long term funding. This panel will explore these benefits and challenges with speakers leading large routine PROMs deployments in cancer clinics and hospitals. Speakers: <i>Bernhard Holzner</i> The benefits and challenges of introducing PROMs into routine cancer care <i>Cédric Van Marcke</i> St. Luc's experience introducing ICHOM standards <i>Karin Berger</i> PROM pilots funded by German payers</p>
15.15 - 15.45	Coffee Break
15.45 - 17.00	<p>Panel 4 Putting the care back into healthcare digitally Chairperson: <i>Andre Dekker</i> Real world research is dependent on primary data quality and completeness with clinicians spending up to 50% of consulting time driving data entry into Electronic Health Records. This data entry effort is a big source of workforce frustration and burnout. This panel will look at the potential for new technologies such as predictive text engines and speech to structured data solutions to improve primary data capture and workforce satisfaction, with the aim to catalyse operational research programmes to show the broader benefits and value of these technologies. Speakers: <i>Jan Poleszczuk, Philipp Daumke</i> <i>Malou Kuppen</i> CAPRI 3 – a semi-automated MCRP registry using supervised NLP</p> <p>Panel discussion on research opportunities with other invited experts</p>
17.00 - 17.30	Conclusions and Adjourn



Speakers

Adriana Albini
European Institute of Oncology, Milan,
Italy
DIGICORE, Brussels, Belgium

James Anderson
IQVIA, United Kingdom

Giovanni Apolone
Fondazione IRCCS Istituto
Nazionale Tumori, Milan, Italy

Ane Appelt
University of Leeds
United Kingdom

Karin Berger
Ludwig Maximilian University Hospital
Munich, Germany

Ramón Burgos Pol
Daiichi Sankyo
Madrid, Spain

Maria Laura Canale
Versilia Hospital - Azienda USL Toscana
nord ovest. Lido di Camaiore, Italy

Gennaro Ciliberto
Istituto Nazionale Tumori Regina Elena,
Rome, Italy
DIGICORE, Brussels, Belgium

Philipp Daumke
Averbis GmbH,
Freiburg, Germany

Andre Dekker
Maastricht UMC+,
The Netherlands

Xose Fernandez
IQVIA, United Kingdom

Jesús García-Foncillas
Fundación ECO, Fundación
Jeménez Díaz University Hospital,
Madrid, Spain

Gincy George
King's College London,
United Kingdom

The Netherlands (tbc)

Asieh Golozar
OHDSI Center
Portland, US

Åslaug Helland
Oslo University Hospital, Oslo,
Norway
DIGICORE, Brussels, Belgium

Bernhard Holzner
Medizinische Universität,
Innsbruck, Austria

Eriseld Krasniqi
Istituto Nazionale Tumori Regina
Elena, Rome, Italy

Malou Kuppen
Maastricht University
Maastricht, The Netherlands

Teresa López Fernández
La Paz University Hospital,
Madrid, Spain

Carles Illa
IQVIA
Madrid, Spain

Iwona Ługowska
Maria Skłodowska-Curie National
Research Institute of Oncology,
Warsaw, Poland

Piers Mahon
IQVIA, United Kingdom
DIGICORE, Brussels, Belgium

Luis Manso
Hospital 12 Octubre
Madrid, Spain

Irene Moreno
START Madrid, Spain

Roberto Orecchia
European Institute of Oncology, Milan,
Italy
DIGICORE, Brussels, Belgium

DIGICORE, Brussels, Belgium

Giulia Piaggio
Istituto Nazionale Tumori Regina
Elena, Rome, Italy

Gaber Plavc
Institute for Oncology,
Ljubljana, Slovenia

Jan Poleszczuk
CliniNote, Warsaw, Poland

Marceli Ragan
Medical Research Agency
Warsaw, Poland

Beth Russell
King's College London,
United Kingdom

Alvaro Rogado Sierra
Fundación ECO, Madrid, Spain

Giovanni Tonon
San Raffaele Hospital, Milan, Italy
DIGICORE, Brussels, Belgium

Alberto Traverso
San Raffaele Hospital, Milan, Italy
DIGICORE, Brussels, Belgium

Vincenzo Valentini
Fondazione Policlinico Universitario A.
Gemelli,
Rome, Italy

Cédric Van Marcke
Cliniques Universitaires
Saint-Luc, Brussels, Belgium

Poster Session

We are pleased to announce that the poster session will take place focused on clinical informatics.

The session aims to raise awareness on existing open source software code that has been built by our members for the management and use of routine clinical data.

We know centrally of lots of good single cancer centre/ institute digital solutions that could be useful to many other centres. Sadly, very few of these are known about beyond their developing entity.

To that end we propose a “new abstracts for existing research” poster session to showcase existing digital solutions for implementation and further development by the DIGICORE.

If you would like to showcase your solutions to other hospitals, please submit a 300 word abstract by 20 October 2023 to info@digicore-cancer.eu

After a selection process you will be informed if your abstract has been accepted for presentation.

For more information click here

https://digicore-cancer.eu/Doc/ConnToWin23/Connect_to_Win_%20Abstract_Session.pdf

CONNECT TO WIN

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Cédric Van Marcke

St. Luc's experience introducing ICHOM standards

Katrin Berger

PROM pilots funded by German payers



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