

Imosphere provides OMOP consultancy to University of Edinburgh Cancer Informatics

Imosphere is delighted to be working with University of Edinburgh Cancer Informatics to provide consultancy and support for their project to map cancer registry data to the Observational Medical Outcomes Partnership (OMOP) Common Data Model (CDM), as part of the EHDEN project (European Health Data & Evidence Network).

The data mapping project involved data maintained by the Edinburgh Cancer Centre on behalf of the regional cancer service covering NHS Lothian, NHS Fife, NHS Dumfries and Galloway, and NHS Borders, serving a population of 1.5 million. It contains a broad spectrum of data items across various stages of the cancer patient journey, including diagnosis, treatment, follow-up and recurrence. Datasets from the ChemoCare reporting database, Scottish Morbidity Record, and COVID ilabs will also be used.

Through the EHDEN Harmonisation Fund, University of Edinburgh Cancer Informatics approached Imosphere as an accredited EHDEN SME to provide consultancy and knowledge transfer of OMOP data mapping best practice and transformation techniques.

Peter Hall, Medical Oncologist at University of Edinburgh, commented, “Imosphere has brought its experience of other OMOP mapping and transformation projects and allowed us to accelerate our understanding of the OMOP CDM and build a relatable transformation. It has also been of great benefit to align our converted data to other institutions with similar data that Imosphere has worked with, which will greatly improve the quality and depth of research possible.”

Mark Rogers, Head of Service: Data and Analytics at Imosphere, commented, “We’re delighted to be able to provide consultancy to UoE for this project. Our support will help to ensure UoE are ready to be onboarded in the EHDEN and OHDSI data networks and participate in research studies, allowing them to collaborate on a national and international level.”

University of Edinburgh joins organisations such as Leeds Teaching Hospitals Trust and King’s College London in using our EHDEN-certified OMOP data harmonization services.

An EHDEN Project

This project forms part of a wider project by EHDEN, whose main objective is to address the current challenges in generating insights and evidence from real-world clinical data at scale, to support patients, clinicians, payers, regulators, governments, and the pharmaceutical industry in better understanding well-being, disease, treatments, outcomes and new therapeutics and devices through a federated network of many million patient data records.

This project has received funding from the Innovative Medicines Initiative 2 Joint Undertaking (JU) under grant agreement No 806968. The JU receives support from the European Union’s Horizon 2020 research and innovation programme and EFPIA.



Notes to editors

About Edinburgh Cancer Informatics

The Edinburgh Cancer Informatics Programme uses methods in Data Science to implement a “rapid-learning system for cancer care”. The rapid-learning comes from the healthcare system being able to keep itself constantly informed on how it is affecting patient care through use of real world data for real world evidence generation.

The University of Edinburgh Institute of Cancer and Genetics (IGC), the Cancer Research UK Scotland Centre (CRUK) and the Edinburgh Cancer Centre (ECC) are working together to use data and information systems in new ways for this purpose.

The ECC provides comprehensive cancer care for the South East Scotland Cancer Network (SCAN), serving patients within the 4 regional Health Boards – NHS Lothian, NHS Fife, NHS Dumfries and Galloway and NHS Borders.

Find out more at: <https://cancer-data.ecrc.ed.ac.uk/>

About Imosphere

Imosphere | Health and Research Analytics is a people-centric software company specialising in health and care analytics and data capture systems.

Its mission is to make health and care profoundly better by bringing people’s information to life by working collaboratively with its healthcare customers to deliver analytics tools that are easy to access, easy to use and easy to distribute.

Based in Nottingham, UK and San Francisco, US, Imosphere’s self-service analytics and data capture tools are being used across the globe by researchers and healthcare professionals each day. These tools have become well established within clinical research centres across the US, and the NHS in the UK.

As part of its data services, Imosphere is an EHDEN Certified SME, and is helping organisations map their healthcare data to the OMOP Common Data Model.

Find out more at <https://imosphere.com/health-and-research-analytics/omop-data-harmonisation/>

