

# Exploring DataLoch: what data are available?

The DataLoch Team: <https://dataloch.org/about-us/meet-the-team>

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## What is DataLoch?

Part of the Scottish Safe Haven Network, DataLoch is a data service developed in partnership by the University of Edinburgh and NHS Lothian, underpinned by public involvement and engagement. We:

- bring together health and social care data for the South-East Scotland region;
- work with experts in health and social care to understand and improve these data; and
- provide safe access to data for health data research through our Secure Data Environment and for clinical studies.

Working collaboratively, these efforts allow a holistic data-driven approach to the prevention and treatment of different conditions, as well as the provision of health and social care services more broadly. Ultimately, we support projects that improve the health and wellbeing of the nation.

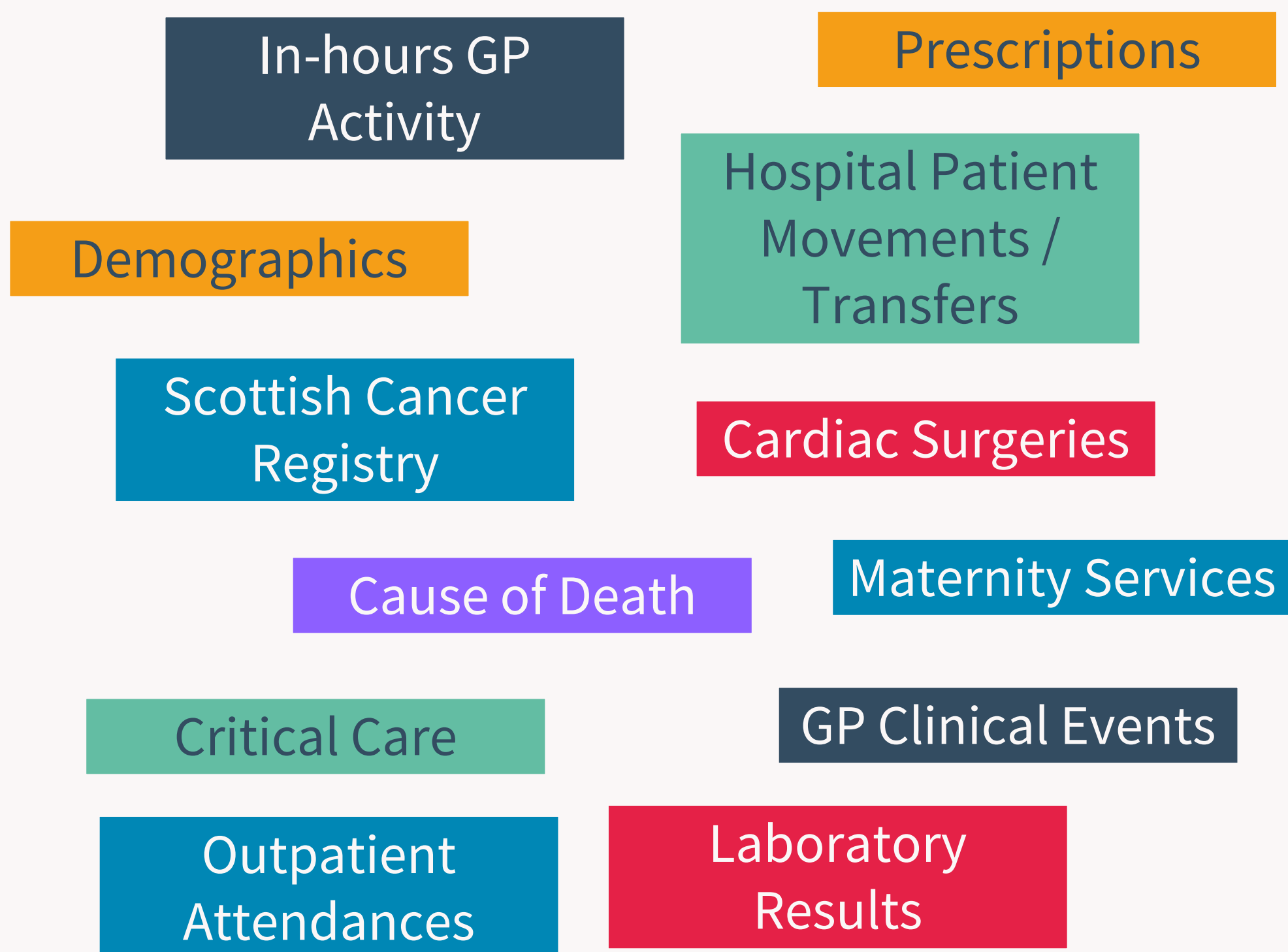
**The DataLoch Metadata Catalogue is the cornerstone of our data offering, but we have not yet catalogued all the data contained within NHS Lothian systems...**

### The DataLoch Metadata Catalogue

Our Metadata Catalogue (MDC) describes all the curated data we host that are available for research, innovation, and service management projects.

We work with clinicians and clinical academics to understand the nuances of the clinical setting and how they impact the data. We capture this background before integrating datasets within our MDC.

By sharing this detailed overview, we support researchers in understanding the subtleties of the data and enhance their analysis.



Access our MDC for yourself through the QR code and explore the core data available for research:



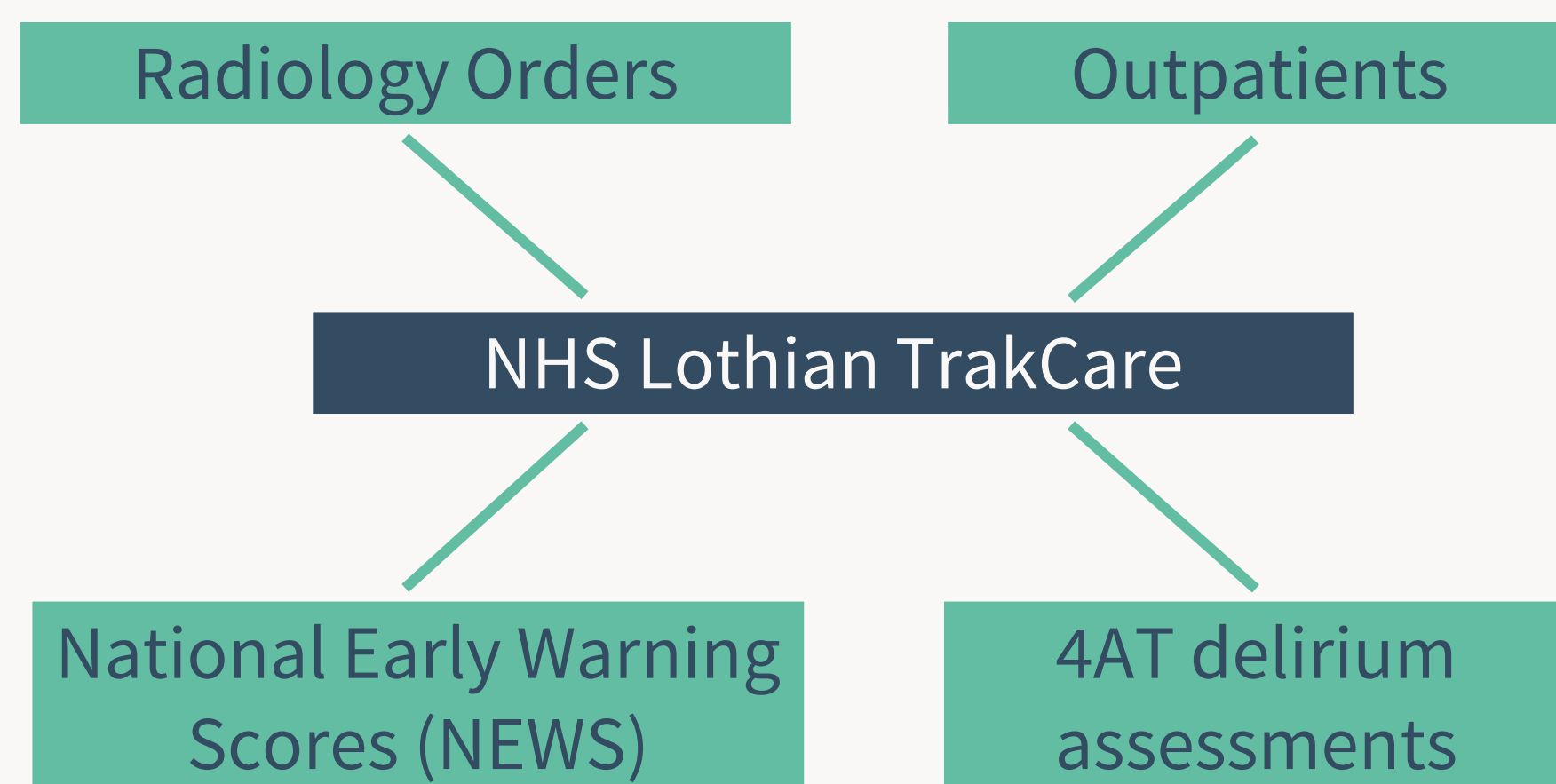
### Beyond our Metadata Catalogue

We have access to some datasets that are not described in our MDC. However, they are available to those who have the understanding to use them within their projects.

#### NHS Lothian TrakCare datasets

Within NHS Lothian TrakCare, there is a plethora of data that we have not (yet) completely explored: we only add datasets to our MDC once we have understood them and are able to share this understanding.

Often, we prioritise the addition of new NHS Lothian datasets to the MDC in response to researcher demand.



#### Further datasets

By working closely with researchers, we now also host data from other sources beyond the NHS Lothian TrakCare system.

Examples include:

- Scottish Hip Fracture Audit
- Falls data from the DATIX database
- 12 Lead ECG from MUSE

**Talk to Us!**



Our Metadata Catalogue covers our core offering and is critical for the majority of DataLoch projects. However, it does not capture the complete breadth of data we offer. **Talk to the DataLoch team** to better understand our data coverage and explore the novel research possibilities:

**Connect with Us online:**



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