

COLLABORATE

Erasmus MC
Datahub



Accelerating the route to the development of a data-driven hospital by bringing people together, connecting them, merging ideas, but also achieving centralization.

The **Datahub** is a collaboration of the IC Adults (ICV), the ICs of Sophia, our IT department (the Research Suite) and TU Delft. It brings expertise together on the way to the hospital of the future. Unique feature the real-time element: we can continuously use data to reduce the registration burden, solve staff shortages and improve patient care.

Convergence

The Datahub is the place where technology, care recipients and social patient-related questions will speed-up effectiveness and efficiency in healthcare. This fits our joint convergence strategy with the TU Delft and Erasmus University perfectly.

Smart algorithms are everywhere in our daily lives, just think of the supermarket app, search results in Google and navigation systems. It is amazing that currently only a handful of data-driven solutions are implemented in healthcare.

The corona crisis has made it clear that data is essential for the care process. Due to the crisis, we were able to build a data foundation together fast, which gave a better insight into diseases and processes. Enables the continuous run of smart algorithms and making use of Artificial Intelligence in a fast and appropriate manner. We need to continue this innovative process. We want to link more data together and bring it to the patient's bedside. Creating a kind of 'traffic light system' that keeps track of a patient and assists in analyzing fast whether the patient is stable or needs acute care.'

The IC for adults is working on further implementation of data in the clinic and also expanding this to the ICs at Sophia children's hospital of Erasmus MC. The **IC 2.0** is therefore the largest project within the Datahub at this moment. We have already gained a lot of experience with this together and the IT department. We want to share our knowledge and implement it in other departments. In this way we hope to help colleagues on their way with implementation, but also with regard to legislation and regulations and ethical issues.

Internist-intensivist Michel van Genderen at the Erasmus MC is one of the initiators.