

H4 – Hands-on Human Health Hub – La Source

H4 – Hands-on Human Health Hub, founded in Lausanne, Switzerland, in 2022 with the support of Foundation La Source and the Canton de Vaud is a Pragmatic Innovation Hub for the Future of Healthcare.

Key Features

For Researchers, SME's, Startups and Large enterprises

Access to a simulated hospital

Pool of healthcare experts (nurses, doctors, etc.)

Testing in real-life world

Immediate feedback

H4 is dedicated to addressing current and emerging challenges in healthcare and care services. Its mission is to transform ideas into practical, sustainable solutions that respond to the real needs of patients, professionals and institutions.

Through a hands-on, collaborative approach, H4 fosters innovation by connecting experts, entrepreneurs, and institutions to co-develop impactful and sustainable solutions. As part of Institute La source, it benefits from close ties with the clinical and academic world, ensuring that each project is both scientifically and operationally viable.

Tailored Support for Healthcare Innovators

H4 provides innovators with tailored support that includes:

- Access to a vast network of healthcare experts and institutions.
- A collaborative space fostering co-creation and innovation to refine concepts, manage risks and accelerate development.
- Real-world testing to enhance adoption and impact.

Access to La Source simulated hospital

H4 offers an ultra-realistic 21-bed facility equipped with high-tech mannequins, apartments and clinical equipment. The main objective is to enable students

and professionals to practice without risk and to test technological prototypes in real-world conditions.

- **Clinical scenario design:** Bespoke experiments designed to integrate the product (digital tool, medical device or sensor) into simulated care pathways.
- **Usability testing:** Observation of how the solution is used by real healthcare professionals or patients, to identify ergonomic and organisational barriers.
- **360° project analysis:** Initial assessment evaluating the solution's relevance, level of technological maturity, and associated risks.
- **Feedback from the field:** Projects submitted to a committee of healthcare experts (nurses, doctors, biomedical engineers) to gather practical feedback and guide product development.

Since its creation, H4 has supported more than 100 projects, helping startups, companies and individuals strengthen their innovation potential and bring meaningful solutions to life.

By bridging gaps between research and implementation, H4 contributes to building a more agile, human-centered healthcare ecosystem in Switzerland.

 **MORE INFO**

