Awarded Projects Interview

Awarded Project	**ReHand**
Company name	**Healthinn**

1. What is the company's business activity?

Healthinn was born to create innovative devices and software in order to solve currently problems. We believe that technology and health must go hand in hand to solve the future challenges of society, reporting a benefit at both organizational and individual level. Our team has a social commitment with our society, and that's why we want to contribute to a better world through our work

2. What is the ReHand project?

ReHand is the first digital solution for the rehabilitation of hand, wrist and finger traumatic and orthopaedic pathologies. In the project, we aimed to adapt ReHand to private hospitals, assuring that ReHand meets all the clinical needs from practitioners and physiotherapists, in addition to the huge work related to the regulatory, legal and interoperability compliance from healthcare sector.

3. How did the idea come about?

We realized that there was a non-solved need. Just in trauma pathologies of this segment (e.g. fractures), +2.7 million new cases occur each year in the EU, and its incidence in some pathologies is expected to increase to 50% by 2030. According to some scientific reviews [4], some wrist, hand and finger pathologies are some of the most expensive, ahead of hip and knee fractures, representing in total a cost of +5.8 billion € annually. Despite this, the treatment currently used through paper exercise protocols is outdated and has been shown to be ineffective. In addition to the achievement of better clinical outcomes, private hospitals have their own needs. They are continually seeking to improve the quality of care and optimise the recovery processes of their patients, keeping them at the centre of the process and continually seeking to improve their experience as a way of obtaining a competitive advantage over other private hospitals.

4. Who are the core partners of the project?

Healthinn partners with Hospital da Luz Learning Health, who is dedicated to the advanced training of professional, translational research and innovation, in the areas of healthcare provision and management. Hospital da Luz Learning Health aims to promote the generation and dissemination of knowledge, technologies and more advanced practices in healthcare, contributing to improvements in patient safety and quality of care. HLUZ.LH is the training, research and innovation centre from Luz Saúde, one of the largest private health care providers in Portugal.

5. How did this collaboration between the partners arise?

We met through a conference in Portugal.

6. How did you hear about the Cross4Health project?

From social media.

7. What is the current status of the project?

We conducted a pilot in the rehabilitation service from Hospital da Luz with real patients, comparing ReHand to the currently employed treatment and receiving feedback from clinicians to optimize ReHand according to their needs. Also, we implemented functionalities

related to regulatory and data protection, which has a large relevance in digital health solutions.

8. What are the next steps?

The next steps will be related to the establishment of strategic alliances to implement the solution in private hospitals and to continue optimizing the ReHand service through evidence and value-based functionalities.

9. How Cross4health can support the development of your project?

We consider that Cross4Health has already had a huge impact on our project. We believe that thanks in great part to all this work, we currently have different requests for the implementation of our solution in hospitals and surgery, rehabilitation and hand therapy centres. Partners within traumatology, rehabilitation and private hospitals are seeked.

10. Would you recommend Cross4Health to other companies?

Yes, of course I did and I'll keep doing.