

Project n°3: Smart clothing for detection, prevention and monitoring of cancer

Proposed by:

IcosaMed

Company description:

The purpose of IcosaMed solution is to use ultrasound waves similar as HIFU (High Intensity Focused Ultrasound) or LIPU (Low-Intensity Pulsed Ultrasound) through an ambulatory solution, using smart clothing instead of having a resident solution at the hospital.

That will provide a total disruptive approach in oncology and offer an alternative to traditional treatments. While these treatments are well known for their costs, adverse effects and quality of life degradation for the patients, the proposal here offer tremendous and obvious benefits like discrete doses (continuously and repeatedly applied and optimized to restore apoptosis), non-invasive (using skin contact), individual case data construction, share and optimization (automatically realized through big data and AI embedded) and many others.

Project description:

Our first product will be a **smart bra** that will be launched mid-2021. Other products addressing other sections of the body will later appear in the portfolio.

For this first product, we need to create a team and build a prototype in close collaboration with subcontractors. We will also need to plan the industrialization of the prototype, the manufacturing of the first series and the preparation of the product launch.

More information will be provided at the beginning of the project.

A video summarizing IcosaMed's goal can be visualized here:

<https://icosamed.com>