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HEALTHCHAIN

BOOSTING DIGITAL TRANSFORMATION OF HEALTHCARE ACROSS REGIONS

Navarra, Spain

I3 Interregional Innovation Investments Instrument

I3 Instrument
Strengthen Innovation
in Europe's Regions

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The HealthChain
PROJECT AT GLANCE

HEALTHCHAIN offers a model for co-created, demand-driven technological solutions in health care by creating optimal value-chains. It provides a framework in which innovations do not arise from technological vacuum and therefore have a short lifespan.

10 European regions from 8 countries

33 SMEs cocreating solutions with healthcare organisations

24 Digital solutions to be implemented in 10 hospitals focused on:

- Self-management
- Care coordination
- Data Integration & Management
- Education & Information
- Remote patient monitoring
- Data Analytics & AI
- Symptoms tracking
- Diagnostics

NAVARRA REGION

Healthcare Organisation

University Hospital of Navarra

The University Hospital of Navarra is a leading medical center in Pamplona. With over a thousand beds and a dedicated staff of nearly 6,500 professionals, it offers high-quality healthcare, specialized in innovative cancer treatments through its Radiotherapy Oncology service.

Ecosystem supporter

NAVARRABIOMED

Navarrabiomed is a public biomedical research centre with 20 research units that connect the University Hospital of Navarra with SMEs, offering technical advice and managing innovation in the region's public health system.

OPER-ART

OPER-ART solution automates custom 3D-printed moulds and boluses tailored to patient morphology, ensuring optimal radiotherapy precision, efficiency, and patient care through advanced software integration.

Data Value Management

- Enhances radiotherapy precision
- Generates customized mould in an automated way
- Improves patient care quality

HEALTH CHAIN

SOLUTION

OPER-ART

NAVARRA REGION
Spain

OPER-ART solution automates custom 3D-printed moulds and boluses tailored to patient morphology, ensuring optimal radiotherapy precision, efficiency, and patient care through advanced software integration.

- Reduces manual effort with automated 3D mould and bolus generation for radiotherapy treatments.
- Enhances treatment outcomes through perfectly tailored moulds for optimal radiation delivery.
- Increases radiotherapy efficiency by minimizing errors and maximizing customization speed.
- Improves patient comfort with precise moulds adapted to individual morphologies.
- Streamlines hospital workflows through seamless software integration and data management.

Regional Partners

Hospital Universitario de Navarra

NavarraBiomed

Data Value Management

HEALTH CHAIN

HEALTHCHAIN

www.healthchain-i3.eu

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