



BOOSTING DIGITAL TRANSFORMATION OF HEALTHCARE ACROSS REGIONS

North-West Romania

I3 Instrument
Strengthen Innovation
in Europe's Regions

I3 Interregional
Innovation
Investments
Instrument



Co-funded by
the European Union



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



Healthcare Organisation

Medisprof Cancer Centre

Medisprof Cancer Centre is an oncology hospital in Transylvania, Romania, serving around 1000 patients annually. It offers diagnostic, advanced treatment services and operates as a paper-free clinic with an electronic medical record system. Emphasizing digitalization, Medisprof collaborates with national medtech developers to enhance care quality and productivity.

AITRIS

AITRIS solution is an AI-powered platform designed to assist radiologists in detecting, analyzing, and reporting lung nodules and masses in CT scans. The platform helps streamline radiological processes, enhancing accuracy and efficiency in initial diagnosis and follow-up assessments.



[Rayscape](#)



Ecosystem supporter

FRESHBLOOD

At FreshBlood we connect, support, and accelerate healthcare innovation in Romania and Eastern Europe by connecting innovators with the resources they need to turn ideas into impactful solutions.



Enhances diagnostic accuracy with AI-assisted analysis








Reduces false positive rates in detection



Speeds up lung nodule detection process



AITRIS solution is an AI-powered platform designed to assist radiologists in detecting, analyzing, and reporting lung nodules and masses in CT scans. The platform helps streamline radiological processes, enhancing accuracy and efficiency in initial diagnosis and follow-up assessments.

-  Automates lung nodule detection to reduce manual errors and improve efficiency.
-  Segmentation of lung regions minimizes false positives, enhancing detection accuracy.
-  Tracks nodule progression across multiple studies for better patient monitoring.
-  Standardized reporting formats ensure consistency and compliance with industry guidelines.
-  Malignancy risk scoring helps radiologists make informed decisions on patient care.

Regional Partners



Medisprof Cancer
Centre



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www.healthchain-i3.eu



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