HEALTHCHAIN

# BOOSTING DIGITAL TRANSFORMATION OF HEALTHCARE ACROSS REGIONS

## Murcia, Spain

I3 Instrument
Strengthen Innovation
in Europe's Regions

I3 Interregional Innovation Investments Instrument

Co-funded by
the European Union

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

# MURCIA REGION

## Healthcare Organisation

### Servicio Murciano de Salud (SMS)

The public regional healthcare provider. Manages 10 hospitals, more than 280 primary care centres and medical offices and 3 specialized centres. It provides healthcare to 1.5 million people.

## Ecosystem supporter

### TICBIOMED

Ticbiomed is a Spanish cluster driving innovation in digital health. We create value both for our members and the wider ecosystem by fostering demand-driven, co-creative innovation, advocating for adoption, while promoting knowledge exchange and identifying business opportunities.

## ESFERA

ESFERA is a holistic digital platform where patients and healthcare agents share information through bidirectional communication. It is conceived to stimulate prevention, personalize care delivery, and empower patients and caregivers to self-manage their conditions.

Evidenze Digital Health
Aicrum

## KONTROL-IT

A remote potassium monitoring tool for Chronic Kidney Disease (CKD) patients. It enables home-based tracking of potassium levels and provides personalized dietary recommendations, improving disease management and reducing hospital visits.

Renalyse
Nootric

## PALDOC

A digital platform designed to improve chronic pain management. It offers personalized care plans, continuous remote monitoring, and empowers patients with educational resources and AI-driven insights.

IDI EIKON
DIGIMEVO

HEALTH CHAIN

SOLUTION

# ESFERA

**MURCIA REGION**
Spain

ESFERA is a holistic digital platform where patients and healthcare agents share information through bidirectional communication. It is conceived to stimulate prevention, personalize care delivery, and empower patients and caregivers to self-manage their conditions.

- Helps facilitate direct communication between patients and healthcare professionals.
- Enables a comprehensive understanding of patients' situations.
- Improves clinical workflow resulting in a reduction of duplicate clinical events
- Decreases in-person consultations.
- Reduces data that must be entered into the system more than once.

## Regional Partners

Servicio Murciano de Salud (SMS)

TICBIOMED

Evidenze Digital Health + Aicrum

HEALTH CHAIN

SOLUTION

# KONTROL-IT

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Spain

KONTROL-IT is a remote potassium monitoring tool for Chronic Kidney Disease (CKD) patients. It enables home-based tracking of potassium levels and provides personalized dietary recommendations, improving disease management and reducing hospital visits.

- Improves patient autonomy by enabling accurate potassium monitoring without frequent medical intervention.
- Reduces complications from hyperkalemia by early detection and timely medical adjustments.
- Enhances quality of life for CKD patients with non-invasive and frequent monitoring options.
- Optimizes healthcare resources by decreasing hospital admissions and emergency interventions.
- Promotes cost efficiency with scalable, affordable, and user-friendly device technology.

## Regional Partners

Servicio Murciano de Salud (SMS)

TICBIOMED

Renalyse + Nootric

HEALTH CHAIN

SOLUTION

# PALDOC

**MURCIA REGION**
Spain

PALDOC is a digital platform designed to improve chronic pain management. It offers personalized care plans, continuous remote monitoring, and empowers patients with educational resources and AI-driven insights.

- Empowers patients through active participation in chronic pain management, improving self-care and reducing medication dependency.
- Enables healthcare organizations to adapt and refine care pathways dynamically based on evidence and outcomes.
- Improves quality of life by reducing hospital visits, emergency admissions, and disease exacerbations.
- Standardizes data for advanced analytics and research, supporting primary and secondary healthcare innovations.
- Drives efficiency by reducing redundant tests, referrals, and unnecessary consultations.

## Regional Partners

Servicio Murciano de Salud (SMS)

TICBIOMED

IDI EIKON
+ Digimevo

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# HEALTHCHAIN

www.healthchain-i3.eu

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