eCAN

Enhancing digital capabilities of cancer centres in Europe

The Joint Action 'Enhancing digital capabilities of cancer centres in Europe to improve prevention and care' (eCAN Plus) aims to **bring the benefits of digital health to all citizens, patients and health care professionals** to improve cancer prevention and care across Europe.

81 institutions

23 countries

4 years
2025 -2029

25 million

VISION

Equitable access to digital health in cancer prevention care

Secure health data cross-border exchange

Practical strategies to **transform the digital health ecosystem**

OBJECTIVES

To implement a comprehensive training programme for digital skills development.

To enhance digital collaboration among cancer centres.

To explore clinical applications of telemedicine in different cancer care settings.

To bolster preparedness for the European Health Data Space's implementation.

WHY eCAN Plus?

The rising use of telemedicine and innovative legal framework of European Health Data Space offer opportunity to better address population health needs. Built on the experience of the eCAN JA, this project contributes to integrate digital tools and improve health data use for the benefit of cancer patients.

WORK PACKAGES

PROJECT MANAGEMENT

- **WP1** Coordination
- **WP2** Communication
- **WP3** Evaluation

HEALTHCARE SYSTEM IMPLEMENTATION

- **WP4** Sustainability
- **WP9** Cancer digital health tools reimbursement in the EU

PILOTS AND USE CASES

- **WP5** Promoting cancer prevention and care through a comprehensive digital health literacy programme
- **WP6** Collaborative clinical decision-making in diagnostics, treatment, and care across cancer centres
- **WP7** Capacity building for telemedicine
- **WP8** Capacity building for effective telemonitoring and patient follow-up

ON-THE-GROUND WORK

Digital skills training pilot

Digital cancer prevention education programme

Health data exchange use cases

Virtual molecular tumour boards
Digital discharge conferences

Telemedicine implementation pilots

Active-treatment setting
Palliative care setting
Survivorship setting

APPROACH

The JA foresees to bring lasting impact to different targeted audiences. **The project's expected outputs pave the way for a wider rollout of eHealth in oncology,** but also supports decision-makers by providing recommendations and guidelines. The public health institutes, universities, hospitals, cancer centres, and patient associations involved follow a multidisciplinary approach focused on:

COMPREHENSIVE ANALYSIS

- Landscape analysis to map state of play, best practices and gaps on digital health literacy, training programmes and cancer prevention and care initiatives.
- Evaluation of cancer centres preparedness for the HealthData@EU platform to ensure secure sharing of health data.
- Assessment of telemedicine interventions based on patient reported outcomes.

PRACTICAL DEPLOYMENT

- Guidelines, protocols and toolkits to ease the uptake of telemedicine in cancer care.
- Blueprint for integrating cancer digital applications into EU healthcare systems.
- Strategy plan for implementing the European Electronic Health Record Exchange Format.

KNOWLEDGE EXCHANGE

- Synergies with other cancer and/or digitalisation related projects and stakeholders' engagement.
- Project evaluation, dynamic monitoring and risk assessment approach.
- Broad perspective, geographic coverage and benchmarking with experts.

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