



European  
Commission

# Europe's Beating Cancer Plan



## Diagnosis and treatment

**Start date – end date**  
1/09/2022 – 31/08/2024

**Countries**  
Austria, Germany, Portugal,  
Greece, Croatia, Slovenia,  
Belgium, Ireland, Finland

**Overall budget**  
EUR 1 172 488

**EU contribution under  
EU4Health programme**  
EUR 937 990



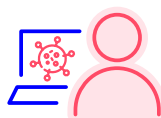
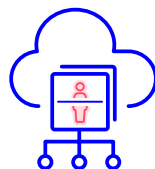
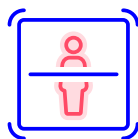
## i-Violin – Implementing Verifiable Oncological Imaging by Quality Assurance and Optimisation



**We provide methods to automatically determine the image quality and exposure for safe and reliable imaging in cancer patients. i-Violin tries to implement this in all hospitals across Europe.**

The i-Violin project will satisfy the need to optimise and harmonise oncological imaging procedures in Europe, build upon tools developed in other EC-funded projects and ensure their broad adoption.

i-Violin will:



- Streamline and standardise oncological imaging procedures across Europe.
- Extend the application of the image quality assessment tool developed in MEDIRAD for chest CT to other areas like the abdominal and pelvic regions.
- cross-validate the output of commercially available software against advanced dose-evaluation tools for determining organ doses.
- create a comprehensive database for CT images, including different imaging parameters, patient dose indicators, and image quality indicators.
- devise targeted education and training programmes for radiologists, radiographers, and medical physicists.
- foster broader adoption of the optimisation measures in Member States.

Primary beneficiaries will be healthcare providers, specifically radiologists, radiographers, and medical physicists, who will be directly involved in the adoption and use of the improved and optimised imaging procedures.

i-Violin will make a significant contribution towards a harmonised and standardised oncological imaging approach in Europe. To ensure the broadest possible adoption of the improved and optimised imaging procedures, i-Violin will implement a robust plan for the dissemination of deliverables, involving educational and training activities.

#### For more info

#### Contact details

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#### Project website

<https://www.eibir.org/projects/i-violin/>

#### Social media handles



@EIBIR\_biomed  
@euramed1  
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#EU4Health, #MEDIRAD



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Europe's Beating Cancer Plan makes use of the whole range of Commission funding instruments with a total of €4 billion being earmarked for actions addressing cancer. €1.25 billion from the EU4Health programme is being used to support actions and initiatives outlined in the Cancer Plan.

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