



## Introduction

As radiotherapy professionals, we all share the commitment to providing the best possible care to our patients. Clinical audits are an essential tool for assessing and improving the quality and safety of our practice. The EU-funded **CAT-ClinART** project aims to **establish a regional clinical audit network in Catalonia to harmonise and enhance radiotherapy practices.**



**CAT-ClinART:**  
**Optimising the Quality and Safety**  
**of Radiotherapy in Catalonia**

## Context and Need

The **Basic Safety Standards (BSSD) Directive 2013/59** of the European Council requires member states to implement clinical audits in medical radiological practices, including radiotherapy. In Catalonia, there is a lack of standardised methodology and infrastructure for conducting comprehensive clinical audits in radiotherapy. The **CAT-ClinART project addresses this need by providing a framework for systematic and rigorous clinical audits.**



## Project Objectives

- **Establish a regional clinical audit framework for radiotherapy in Catalonia**, following the B-QUATRO model.
- **Develop and implement a specialised training course in clinical audits for radiotherapy** based on the QUATRO methodology.
- **Create clinical audit manuals**, including checklists and templates.
- **Define quality indicators (QIs) and standards for radiotherapy treatment of prostate cancer**, including patient-reported outcomes.
- **Design dosimetry audits** for prostate treatments.
- **Develop a solution for QI collection** and propose a system for automated extraction of QIs from medical records and oncology information systems.
- **Evaluate the sustainability of the proposed methodology beyond the project**, including a proposal for a permanent clinical audit mechanism in Catalonia.
- **Disseminate project outcomes and identified best practices** within the radiotherapy community.

## Benefits for Radiotherapy Professionals

- **Quality and Safety Improvement:** Clinical audits provide an opportunity to identify areas for improvement and implement changes leading to better patient care.
- **Harmonisation of Clinical Practices:** Implementing common standards and guidelines through clinical audits ensures equitable care for all patients.
- **Professional Development: Participating** in clinical audits offers professional development opportunities for both auditors and auditees.
- **Awareness of Quality Importance:** The project fosters a culture of quality and safety in radiotherapy practice.



## How Can You Participate?

The **CAT-ClinART** project requires active participation from radiotherapy professionals at all levels.

Opportunities include:

- **Enrolling** in the auditor **training course**.
- **Participating** in the pilot audit as an **auditee**.
- **Contributing** as a member of the **advisory board**.

**The CAT-ClinART project is a unique opportunity to  
improve the quality and safety  
of radiotherapy in Catalonia.**

## How Can I Get More Information?

For more information about the **CAT-ClinART** project

visit the project website at

[www.catclinart.eu](http://www.catclinart.eu)

or contact the project coordinator,  
Dr. Núria Jornet, at:

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