QuADRANT –

Introduction and Overview

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Quality Improvement Through **A**udit in **D**iagnostic and Interventional Radiology, **R**adiotherapy **A**nd **N**uclear Medicine Including **T**herapies

= **QuADRANT**

- In response to European Commission tender, N^{o} ENER/D3/2019-231-2

“Constant improvement in quality and safety of radiology, radiotherapy and nuclear medicine through clinical audit.”

QuADRANT Consortium

Comprises 3 European professional societies:

- European Society of Radiology (ESR), consortium lead
- European Society of Radiotherapy and Oncology (ESTRO)
- European Association of Nuclear Medicine (EANM)

QuADRANT Objectives

1. Review the status of clinical audit implementation in the Member states.
2. Identify good practices and available guidance and resources for clinical audits at national, European and international level.
3. Provide further guidance and recommendations on improving the implementation and integration of clinical audits into national healthcare systems.
4. Identify potential for further co-ordinated EU action on quality and safety in radiology, radiotherapy and nuclear medicine.

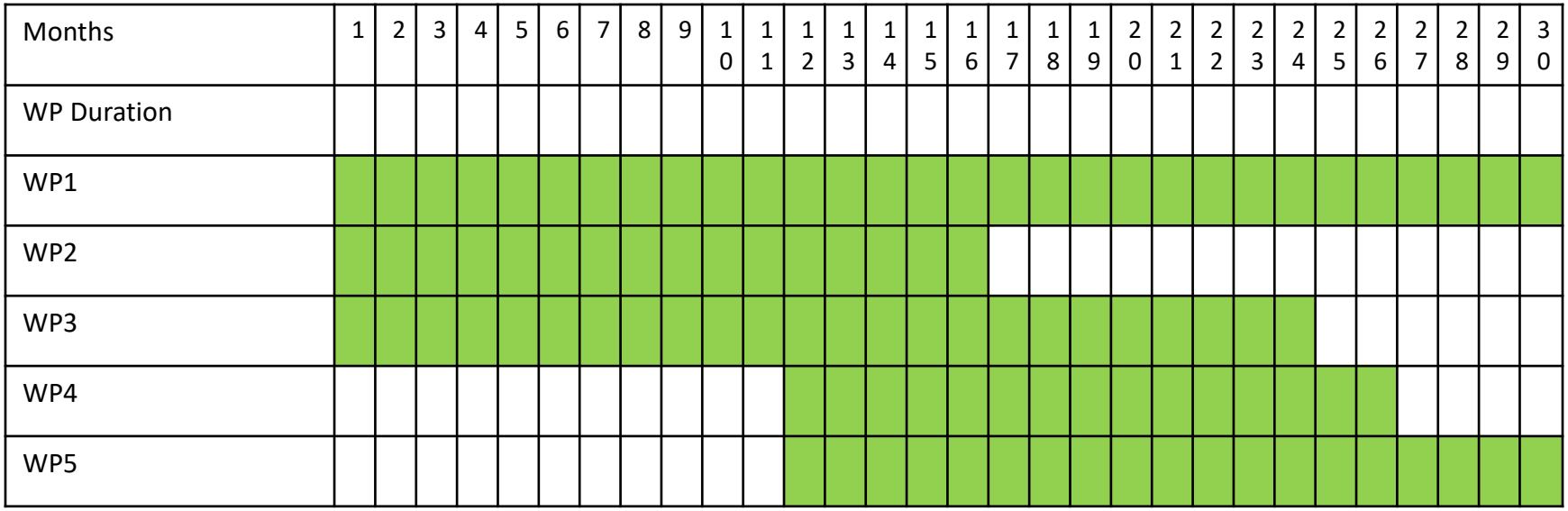
Emphasis

- The focus of QuADRANT is clinical audit, the application, principles, practice and process of clinical audit in everyday healthcare across Europe → to improve experience and outcomes for patients.
- Clinical audit as mandated within the EU-BSS (2013/59/Euratom) is an important component, “in accordance with national procedures”.

QuADRANT Structure

- Project commenced January 2020
- 30 months duration
- Supported by project steering group and advisory board
- Five work packages
- Input from key European professional societies and national/European/international organisations (including IAEA, WHO, HERCA)

Project Timeline



QuADRANT
Work Packages

WP1

Objective – project management and implementation

ESR overall co-ordinator

WP1 led by D C Howlett (project lead) and A Brady (project co-lead) and the ESR project office –

- Mr J Clark
- Ms M Hierath

WP2

Lead: M Brada (ESTRO)

Co-leads: A Brady (ESR), W Wadsak (EANM)

A workshop: -

- To discuss the current state of play of clinical audit in the EU
- Discuss legal requirements and benefits of clinical audit
- Identify good practices, existing guidance
- Involving key players and healthcare/administrative representatives from the Member States

WP3

Lead: D C Howlett (ESR)

Co-leads: F Giammarile (EANM), P Strojan (ESTRO)

Involves: -

- Pre-survey to collect details/information of persons/bodies involved in clinical audit in the EU + 4 (UK, Switzerland, Iceland, Norway) - COMPLETE
- Main survey (post WP2) to gather detailed information on clinical audit practice/process across Europe
- To include literature review plus expert interviews

WP4

Lead: F Giammarile

Co-leads: D C Howlett, M Brada

A workshop (later 2021): -

- To present WP3 survey results (plus WP2 output)
- Discuss and present a way forwards with Member State representatives and professional experts

WP5

Lead: D C Howlett

Co-leads: F Giammarile, M Brada

A report for the European Commission, based on output from WP2, 3, 4, literature search and interviews

→ collection of best practices and,

→ recommendations on improving implementation/integration of clinical audit into national healthcare systems

Thank you for your attention