



# Education in Clinical Audit

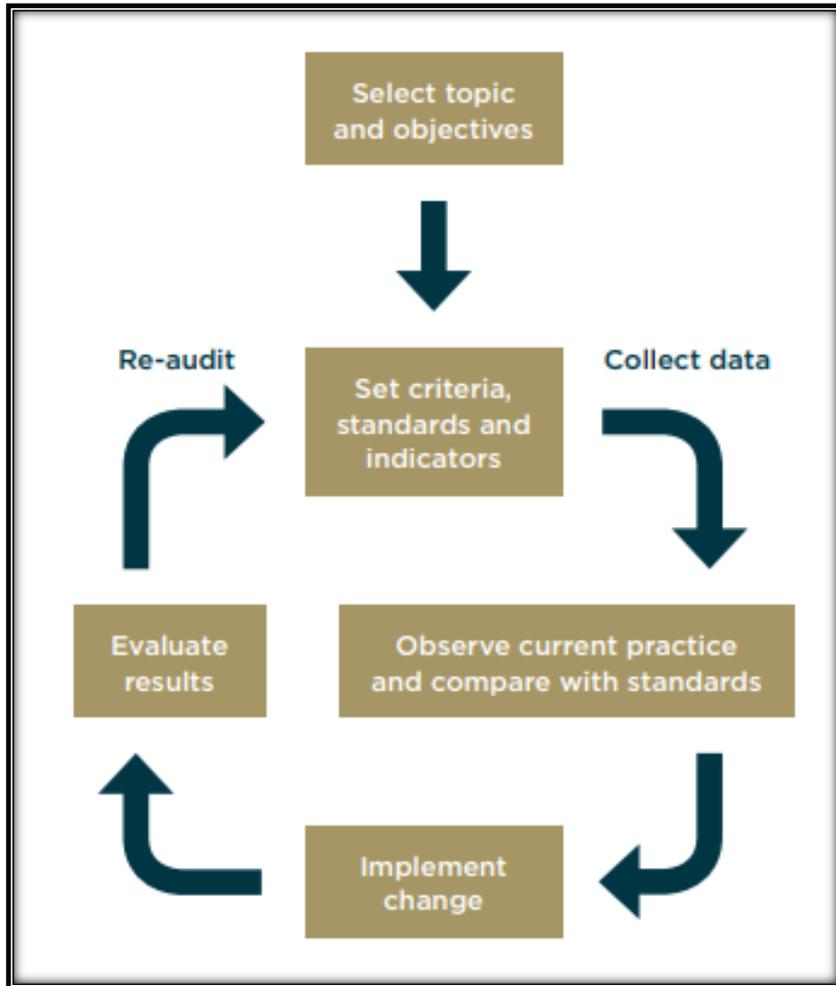
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**Constant improvement in quality and  
safety of radiology, radiotherapy and  
nuclear medicine through clinical  
audit.**

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# Education as part of the Clinical Audit cycle



European Society of Radiology, (2019)  
Esperanto – the ESR Guide to Clinical  
Audit in Radiology and the ESR Clinical Audit Tool

# Introduction

International, European and national guidelines on clinical audit.

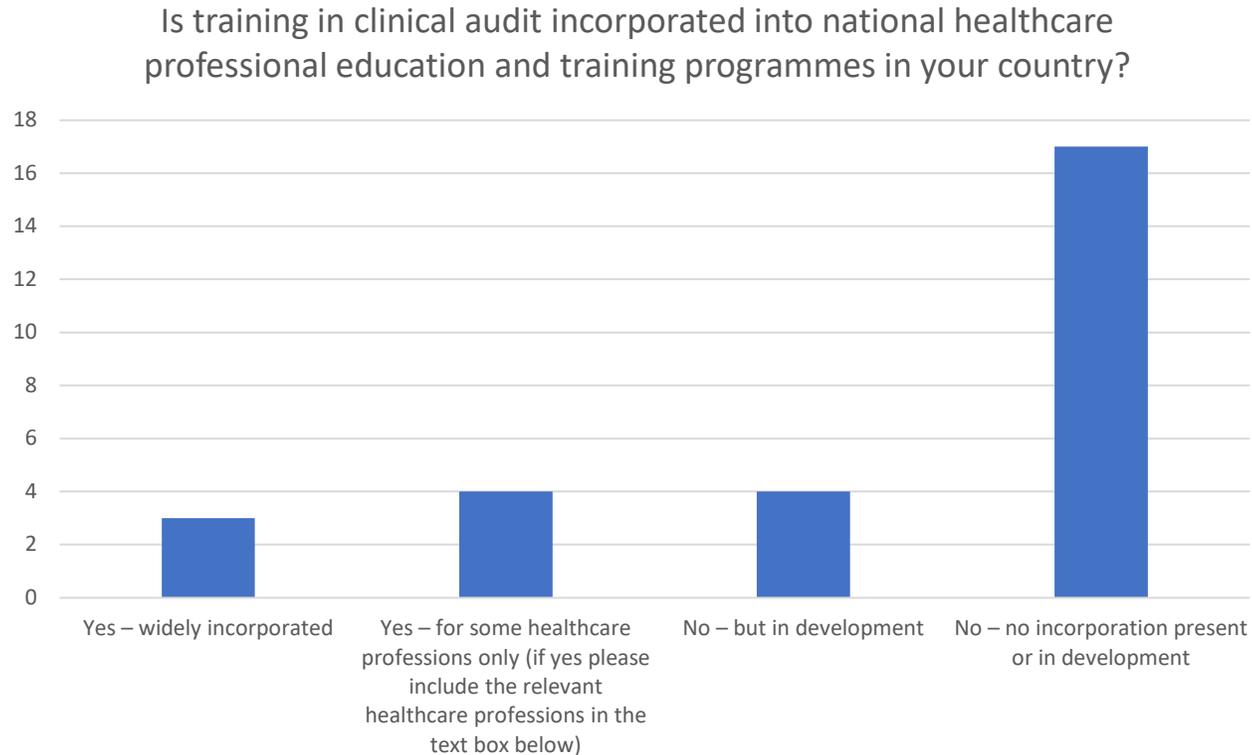
General focus on audit tools.

Paucity of literature on audit training.

# Focus on Education in QuDRANT Survey

Assessed the level of incorporation of training in clinical audit into national healthcare professional education and training programmes

# Results- Survey



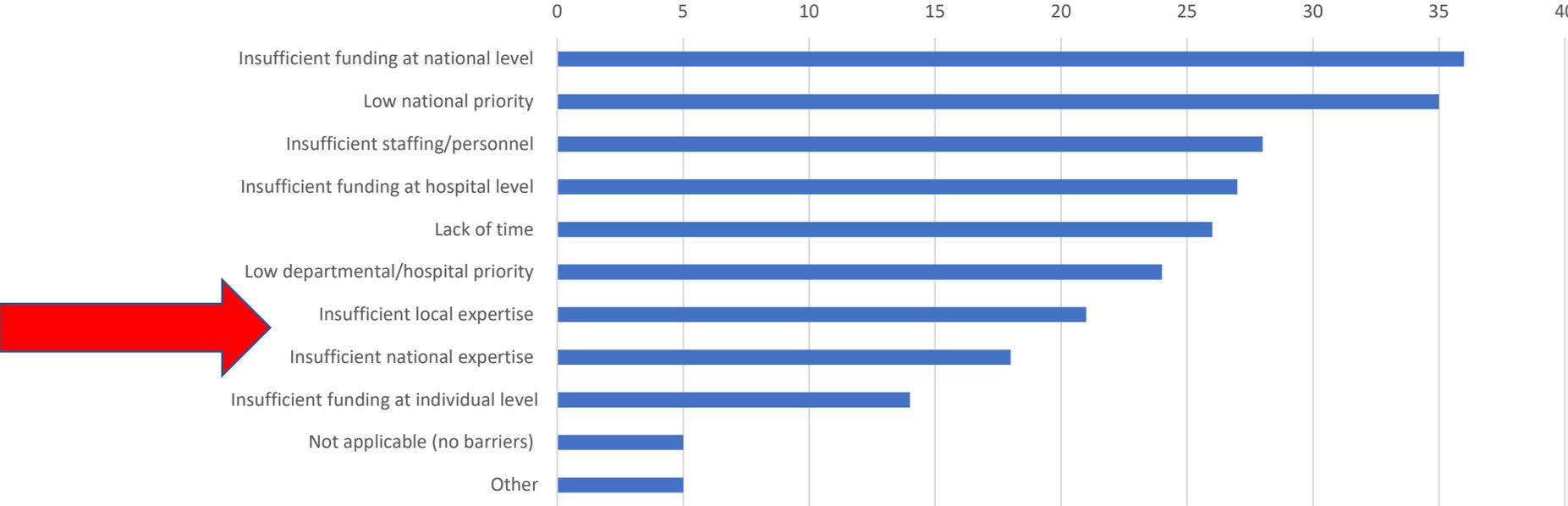
- France- in development for radiologists, nuclear medicine physicians and radiotherapists.
- Ireland- currently incorporated as As part of undergraduate training for doctors/nurses and radiographers and radiation therapists, less so undergraduate training for medical physics

# Results- Expert Interviews

- Fundamental lack of understanding
  - Lack of trained professionals
  - Lack of leadership and culture.
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- Education and understanding is a potential solution to achieve widespread clinical audit implementation
  - Incorporated into national healthcare professional education/training programs in most countries

# Barriers to Clinical Audit Implementation

What do you consider to be the current barriers to effective clinical audit in your country (if any)?



# Conclusion and Recommendations

- In only 3 countries within the survey is clinical audit teaching widely integrated into these programmes, with limited incorporation in 4 countries.
- Incorporation of clinical audit teaching within healthcare professional educational and training programmes is an important part of the process of effective clinical audit uptake and participation.
- This is an important area for review and development across Europe.

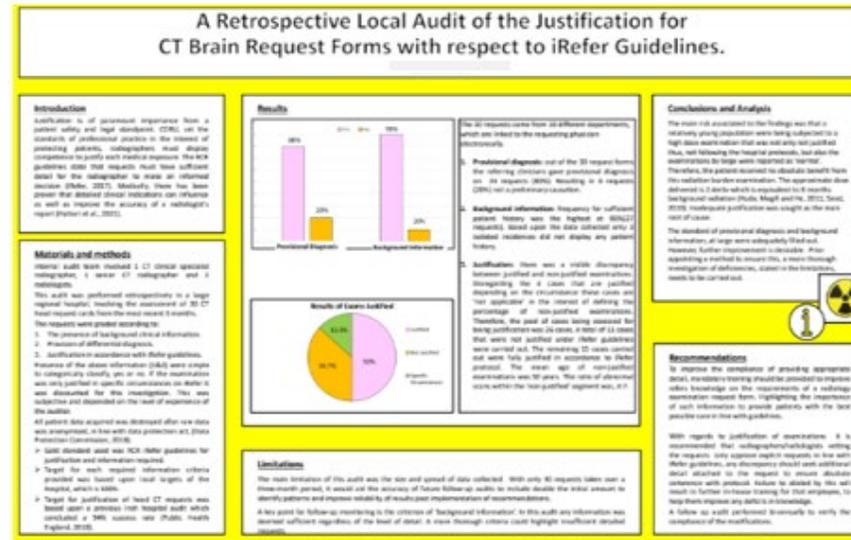
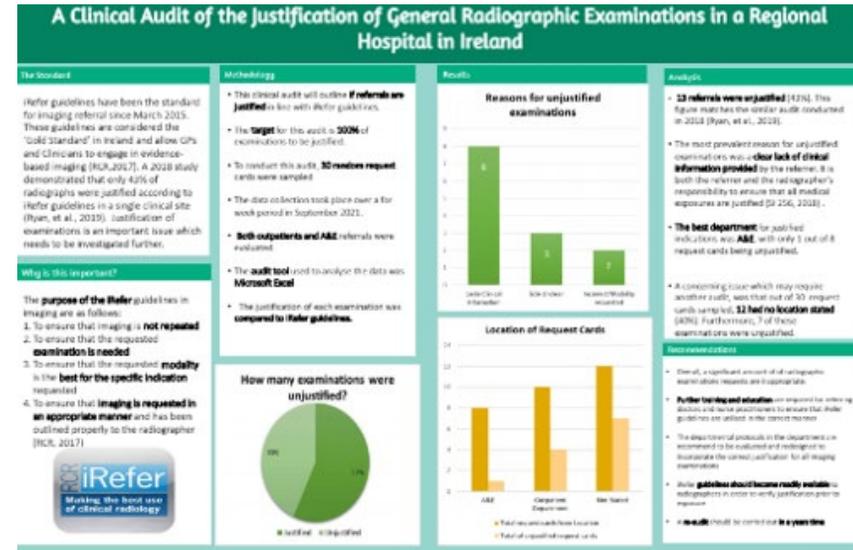
# European Federation of Radiographers- Statement on Clinical Audit.

- Education in clinical audit, and the need for participation in clinical audit, should be encompassed in undergraduate / entry level programmes.
- Regular updates and participation in clinical audit should be part of a radiographers continuing professional development (CPD) profile.



# An Irish Experience.

- ✓ Literature and Legislation
- ✓ Audit requirements
- ✓ Types of audit
- ✓ The audit cycle
- ✓ Choosing and carrying out your audit
- ✓ Actions and feedback
- ✓ Root Cause analysis
- ✓ Practical audit component



Suggested curriculum development

Roles and responsibilities

Understanding at what point should appropriate training take place.

Cooperation between regulators / clinical bodies / academic programmes

# Potential Actions

Thank you for your attention.