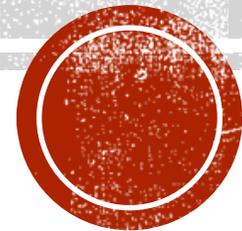


# NES AHP CAREER FELLOWSHIP

Jason Stanley  
Diagnostic Radiographer  
Queen Elizabeth University Hospital



WHAT IS THIS “FELLOWSHIP  
THING” YOU ARE DOING?



# FELLOWSHIP PROJECT PROPOSAL

## Aim:

- To propose an educational package on radiation safety for Non-Medical Referrers (NMR) within NHSGGC with potential use across Scotland.

## Objectives:

- Scope current knowledge and understanding of NMR's regarding radiation safety
- Establish content required and appropriate platform to host the resource



# WHY IS THIS IMPORTANT?

- Government Publications and NHS strategy
  - 'The modern outpatient: A collaborative approach 2017-2020'
  - Workforce Vision 2013
  - Moving Forward Together
- IR(ME)R legislation



# HOW WILL THIS HELP?

- Standardisation of Knowledge
- Prerequisite for referral entitlement
- Re-validation would enable audit process
- Ensure imaging referrals and subsequent imaging is appropriate and justified.
- Role transformation to allow for integrated care



# OUR SURVEY SAID?

- 79 responses were gathered from NMR's within NHS GG&C
  - 28 deemed their knowledge to be sufficient or better
  - Over 40% had only used a LearnPro module, which is aimed at Doctors and dentists.
- Overall results showed a lack of knowledge within;
  - Pregnancy risks
  - Sensitive Tissues
  - Radiation dose levels per examination

27.5% believed that MRI utilised ionising radiation

- This survey enabled the project to identify gaps in knowledge, and gather some further educational needs.



## Basic Principles of ionising radiation

- Stochastic & Deterministic effects
- Interaction with tissues
  - Susceptible tissues
- Radiation protection measures
- Principles of dose reduction (ALARP)
- Dose levels and equivalents

## Application of IR(ME)R within day to day working

- Referral Criteria
  - How to cancel a referral
  - iRefer - Guidelines
- Unintended exposure pathway
- Scope of entitlement
- Duty holders
  - Outline 4 main DH's
  - Referrer responsibilities

## Path to gaining entitlement

- "Appropriately Trained"
- Responsibilities with entitlement
  - Clinical evaluation
  - Clinical Audit
  - Scope of practice
  - Applied examples i.e. missed pathology, non-compliance with scope etc.

## Dealing with patients of child bearing age

- Pregnant patients
  - Risk/reward applied examples
  - Radiation effects on foetus

## Common patient pathway – applied examples of where IR(ME)R17 fits in each,

- Acute patient
  - ANP Pathway
  - ED Physio pathway
- Outpatient/Clinic patient
  - Podiatrist pathway
  - physio pathway's
  - Back pain specialists
  - Specialist Adv. Pract
  - MSK physio
  - SALT
- Primary care patient
  - GP Nurse practitioners
  - PC Physio
- Inpatient
  - Adv. Prac. Nurse pathways

## Audit templates

- Suggested content of audits
- Relate to IR(ME)R requirements

## Key Documentation

- Additional reading resources
  - E-LFH modules



# CONCLUSION

- There is lack of a standardised approach when it comes to NMR radiation safety training
  - LearnPro module
  - Ad-hoc in-house training
  - Academic pathways
- NMR's want to have a system in place to ensure they are meeting the needs of IR(ME)R



ANY QUESTIONS?

