

Radiation Protection Safety



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Who is At risk?

- Patients / Visitors
- Members of Public
- Staff
- Radiographers
- Helpers.....
- Any one else who comes into contact with the radiation area



What Are The Regulations?

- Ionising Radiation Radiation Regulating (IRR)99
- Ionising Radiation Medical Exposure Regulation IR(ME)R 2000



Who is The Regulator?

- Health And Safety Executive (HSE)
- IR(ME)R Section Of Care Quality Commission (CQC)





What May Trigger An IR(ME)R Inspection

This may be as a result of:

- Excessive Number of Radiation Incidents Reported
- None or Very Little Radiation Incidents Reported
- Tip Off?



IR(ME)R and IRR(99) Responsibilities

The IR(ME)R Inspector Will Visit

The Employer which is :

The Chief Executive

Who will be interviewed and asked about the Regulations

- Will be asked as to who the AUTHORISED person is who ensures compliance on his / her behalf?



Authorised Staff Who Ensure Compliance Are:

- Head of Medical Physics
- Radiology Group Manager
- Head of Clinical Service For Radiology
- Radiation Protection Advisers



Format Of The Meeting

- Executive Meeting
- Meet Radiology Group Manager
- Meet Head of Medical Physics
- Walk around the department (s)
- Inspect all documentation
- Final Executive meeting and Briefing
- Compliant / Action plan or Enforcement Notice

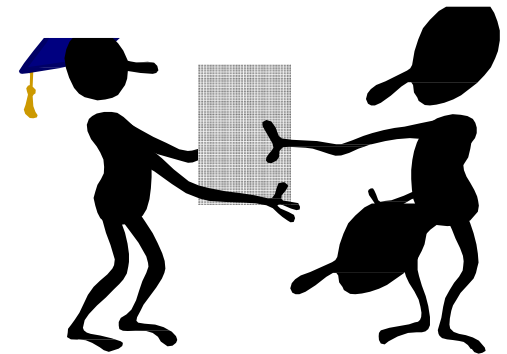


How many more
documents do you think
we need to create?



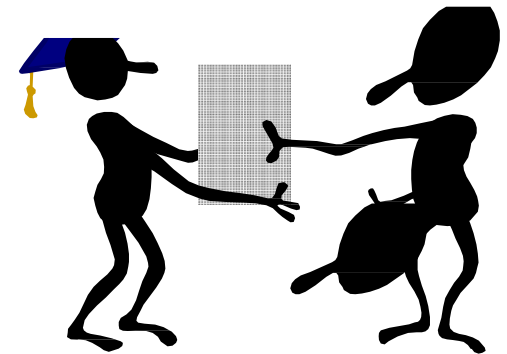
Compliance Expectations

- IR(ME)R Schedule 1
- IR(ME)R Governance
- Personal Dosimetry Monitoring
- Inventory And Service Records
- Radiation Incident Reporting Procedures



Mid Yorkshire Compliance Status

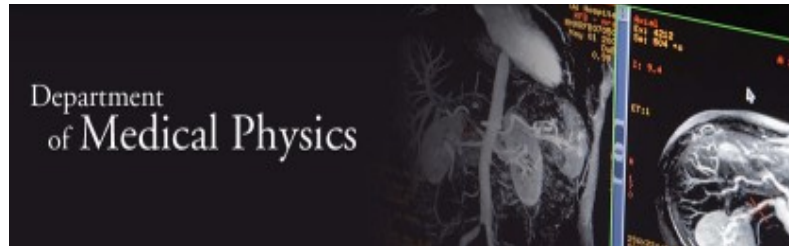
- Risk Assessments
- Local Safety Rules
- Environmental Monitoring
- Clinical User Training
- Personal Protective Equipment (Lead Aprons / Eyewear)



IR(ME)R Governance

- The purpose of this is to ensure:
- All Risks are assessed and documented
- All Protocols are in place and up to date
- All documents are stored in Readable Format
- Management System for monitoring purposes





Laser Safety

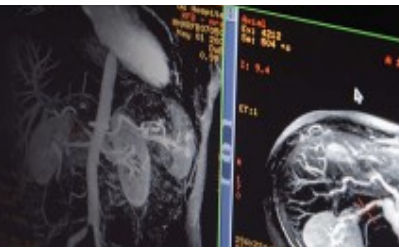


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What are the Regulations?

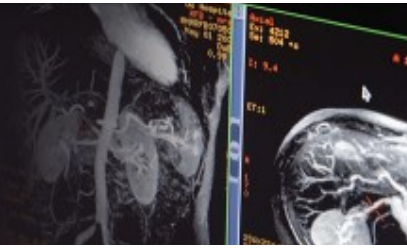
None.....





BS EN 60825	Lasers & Their Use
BS EN 60825-1	Standard on safety of laser products
BS EN 60825-4	Standard for laser guarding
BS EN 60825-8	Guidelines for use of medical lasers
BS EN 60825-14	Laser Users' Guide
BS EN 207/208	Laser Protective Eyewear
BS EN 50448	Standards on Laser Protection Advisers
BS EN 60601-2-22	Electrical Safety





The use of Lasers in England, Scotland, and Southern Ireland have been deregulated!!!!



North Wales South Wales Northern Ireland Isle Of Man

Have full regulations in place

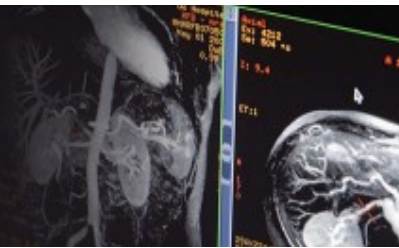




What Does This Mean?

Cosmetic Clinics and Salons have
opened across the country using
cheap import machines





Lasers are used for Hair Removal and Skin rejuvenation!



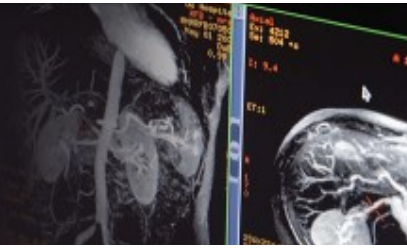
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The Mid Yorkshire Hospitals **NHS**
NHS Trust

Bringing together community and hospital services

You can start up a clinic or salon
with two days of laser use
training!

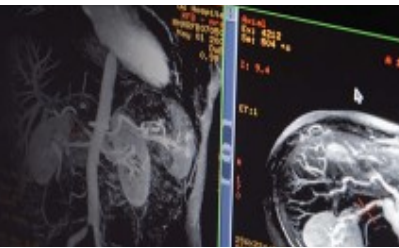




Very little knowledge of skin and physiology of tissue required



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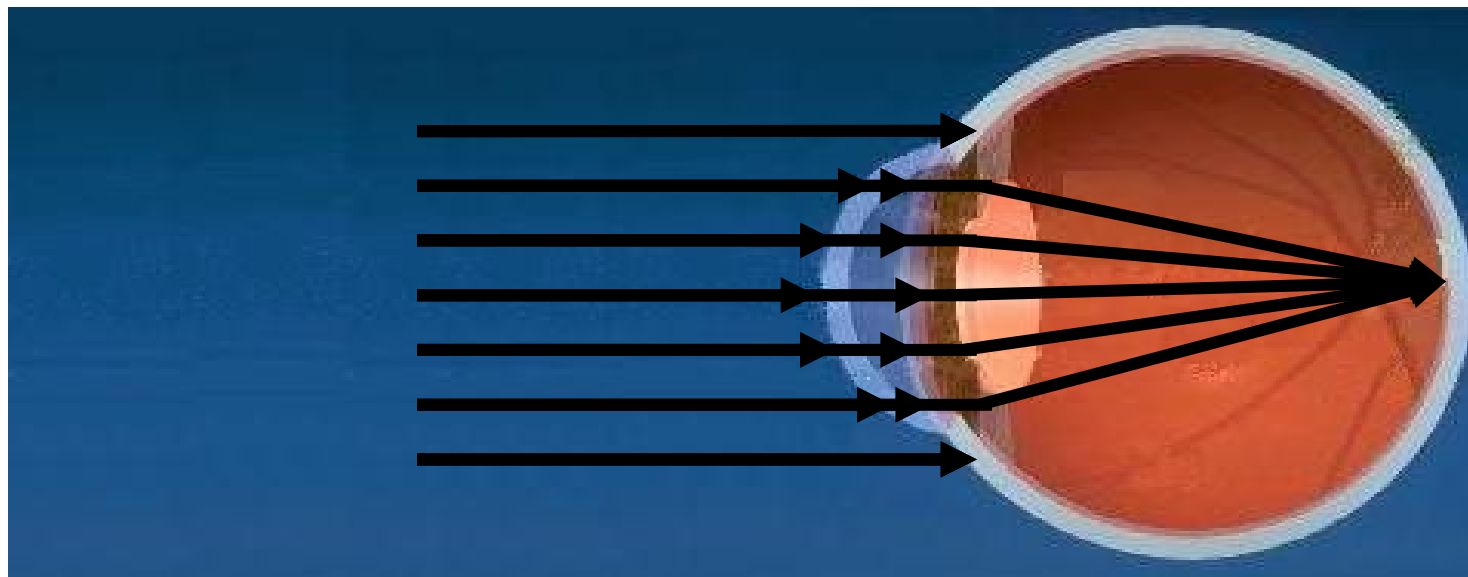
NHS Trust

Bringing together community and hospital services

Laser Hazards!



Risk Of Eye Injury

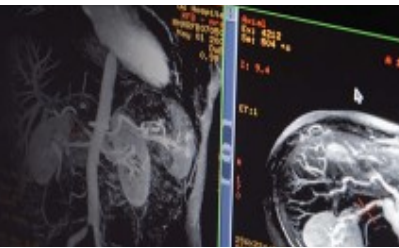


Number of Incidents such as Skin Burns and Scarring has grown and increased!

Insurance Claims have also grown!



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Bringing together community and hospital services

Thank You For Your Attention

Any Questions?

