



London Health Sciences Centre



Corporate Orientation

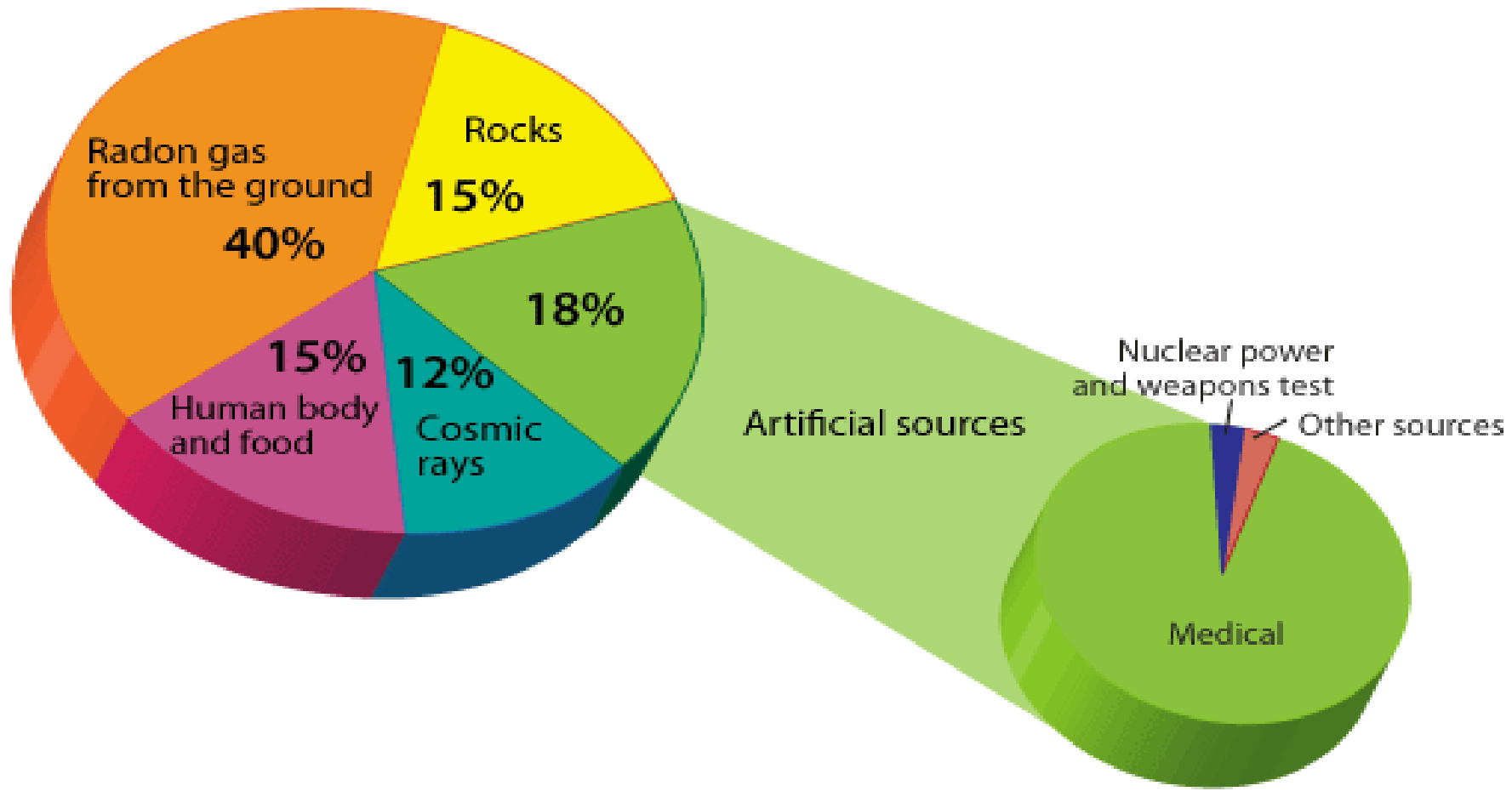
Radiation Awareness

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Our Commitment

- Many areas within the Hospital use radiation.
- Radiation is used for:
 - Patient diagnosis
 - Treatment
 - Research
- All procedures keep radiation exposures to staff, students and the public well below regulated limits.
- This is known as the ALARA principle .

Radiation Sources



Radiation Trefoil

- The Trefoil is used to warn of the presence of nuclear material.
- Areas marked by the Trefoil are cause for extra caution.
- Unlike X-ray sources, nuclear material is radioactive, and cannot be turned off.



X-ray Warning Triangle

- This sign denotes the presence of an x-ray source.
- It is often found in the Department of Radiology and the Operating Room area.
- An x-ray source can be turned on or off.



Magnetic Resonance Imaging (MRI)

- MRIs have very strong magnetic fields.
- These fields can damage credit cards.
- They can also attract medical gas bottles, and affected implanted metals. These effects can cause serious bodily injury.
- The MRI is always on. It cannot be switched off.



Radiation Safety Officers



- **London Health Sciences Centre**

- Dr Robert Stodilka x64657
- Mr Ryan MacDonald x76576

- **London Regional Cancer Centre**

- Mr Craig Lewis x53345