**Radiologic Technologist**

- **Education**: 2 years for an Associate Degree Program or 4 years for a Bachelor’s Degree Program.
- **Certification**: Must pass National Certification Exam.

**Who’s Taking My X-Ray?**

- The person who performs your exam or delivers your radiation therapy treatment is called a radiologic technologist.

**Equipment**

- **X-Ray Units**: 3,400 units per facility.
- **CT Scanners**: 1,500 units per facility.
- **Radiation Therapy Treatment Units**: 1,400 units per facility.

**Radiologist Assistant**

- Aid in examinations, treatment planning, and radiation therapy.

**Strange Appearances...**

- Foreign bodies can range from non-intentionally placed items like dental hardware, to debris from accidents and injuries, to intentionally placed objects, such as medical devices and surgical objects, swallowed items.

**Medical Imaging Technology**

- **Dosimetry Badge**: Contains dosimeters sensitive to ionizing radiation. Each contains a phosphor that stores and displays dose measurement.

**Dosimetry Badge**

- **Lead Sheet**: Used to stop radiation, with Pb (lead) containing 7.1 mm for light and 1.58 mm for heavy sheets.

**The Golden Rule**

- As Low As Reasonably Achievable: The practice to minimize patient and personal radiation exposure during examination and shielding during a procedure.

**X-Ray Vision**

- A look inside medical imaging and radiation therapy.

**Statistics**

- **76,810**: CT procedures.
- **14,580**: MR procedures.
- **96,500**: Radiation therapy treatments.

**Timeline**

- **1895**: Roentgen discovers x-rays.
- **1977**: First MR scan.
- **1971**: First CT scan.