

RADIATION SAFETY TRAINING

FOR

HOSPITAL SUPPORT STAFF

- **INTRODUCTION**
- **WHAT IS RADIATION & TYPES OF RADIATION**
 - Background Radiation
 - Alpha Beta
 - Gamma
 - X-Ray Radiation
- **SOURCES OF RADIATION**
 - X-Ray
 - Teletherapy
 - Sealed Sources
 - Radiopharmaceuticals
- **USES OF RADIATION**
 - In-Vitro Laboratories
 - Diagnostic Nuclear Medicine
 - Therapeutic Nuclear Medicine/Brachytherapy
 - Teletherapy
 - X-Ray
- **RADIATION PROTECTION – ALARA CONCEPT**
 - Time
 - Distance
 - Shielding
- **CAUTION SIGNS & LABELING**
 - Caution – Radioactive Material
 - Caution – Radiation Area
 - Caution – High Radiation Area
 - DOT Package labels

- **PERSONNEL SAFETY PROCEDURES**

- **Security**

- Observe Rules
 - Check for Damage & Leaks
 - Storage of Radioactive Material

- **Clerical**

- Follow Signs
 - Open Door Carefully
 - Do Not Proceed in Work Area Without Permission

- **Maintenance**

- Note Warning Signs
 - Open Doors Carefully
 - Observe Any Unsafe Conditions
 - If Problems, Notify RSO or Technologist

- **Custodian**

- Check Signs on Doors and Waste Containers
 - Do Not Disturb Equipment
 - Work Briskly, But at a Safe Pace
 - Rooms with Radioactive Materials – Do Not Eat Drink, Smoke or Relax

- **RADIOACTIVE SPILL PROCEDURES**

- Do Not Approach Spills
 - Lock Room
 - Notify Radiation Safety Officer

- **YOUR RADIATION SAFETY OFFICER**

- Check with Radiation Safety Officer or Technologists any time you have questions or concerns
 - Check Your “Notice To Employees” Sign

