Professional Practice

Role of a MRT

Medical Radiologic Technology Program

Who are we?

One profession, many titles!

Role of an MRT

A Medical Radiation Technologist is:

- A member of a regulated professional association
- Focused on patient care and safety
- An advocate for their patients
- An integral member of the health care team
- Highly trained and qualified professional



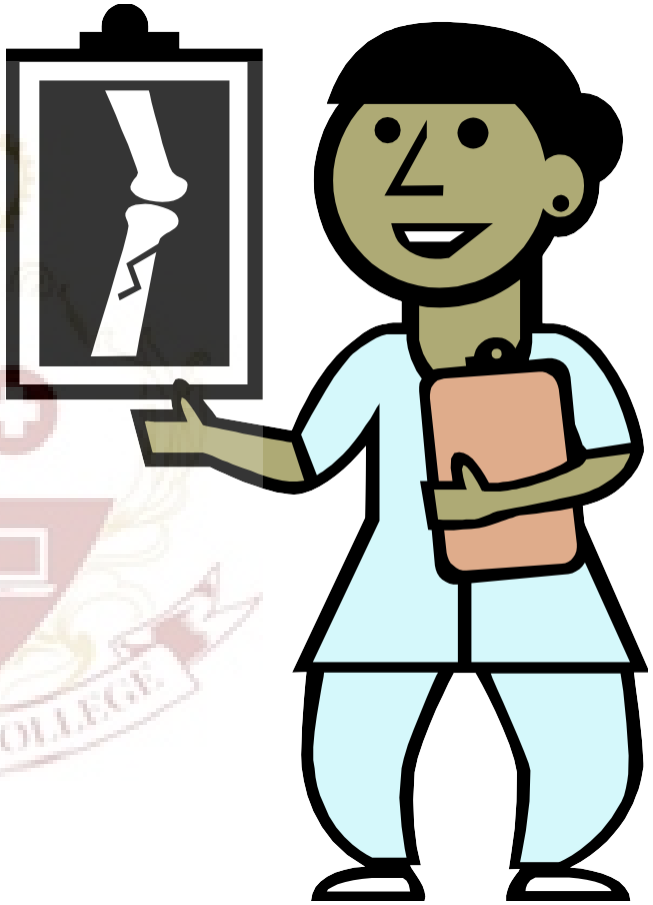
MRT Training

This program will prepare you to become a professional within the Medical Imaging community.

An MRT(R) works in a variety of areas within an Imaging department…

Role of an MRT

- What areas of imaging, or specialties could a MRT(R) work in ?

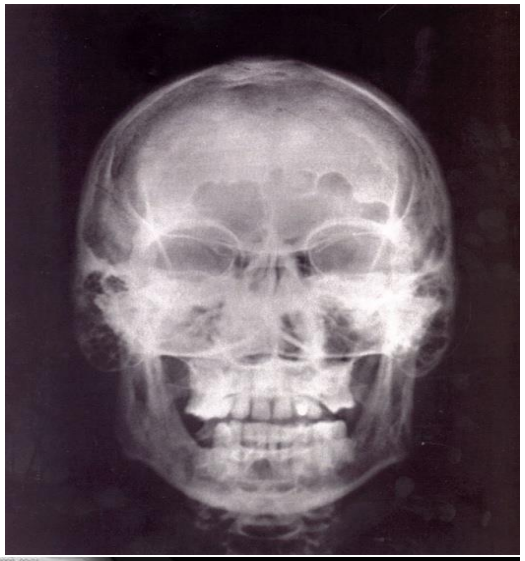


General X-ray











Fluoroscopy



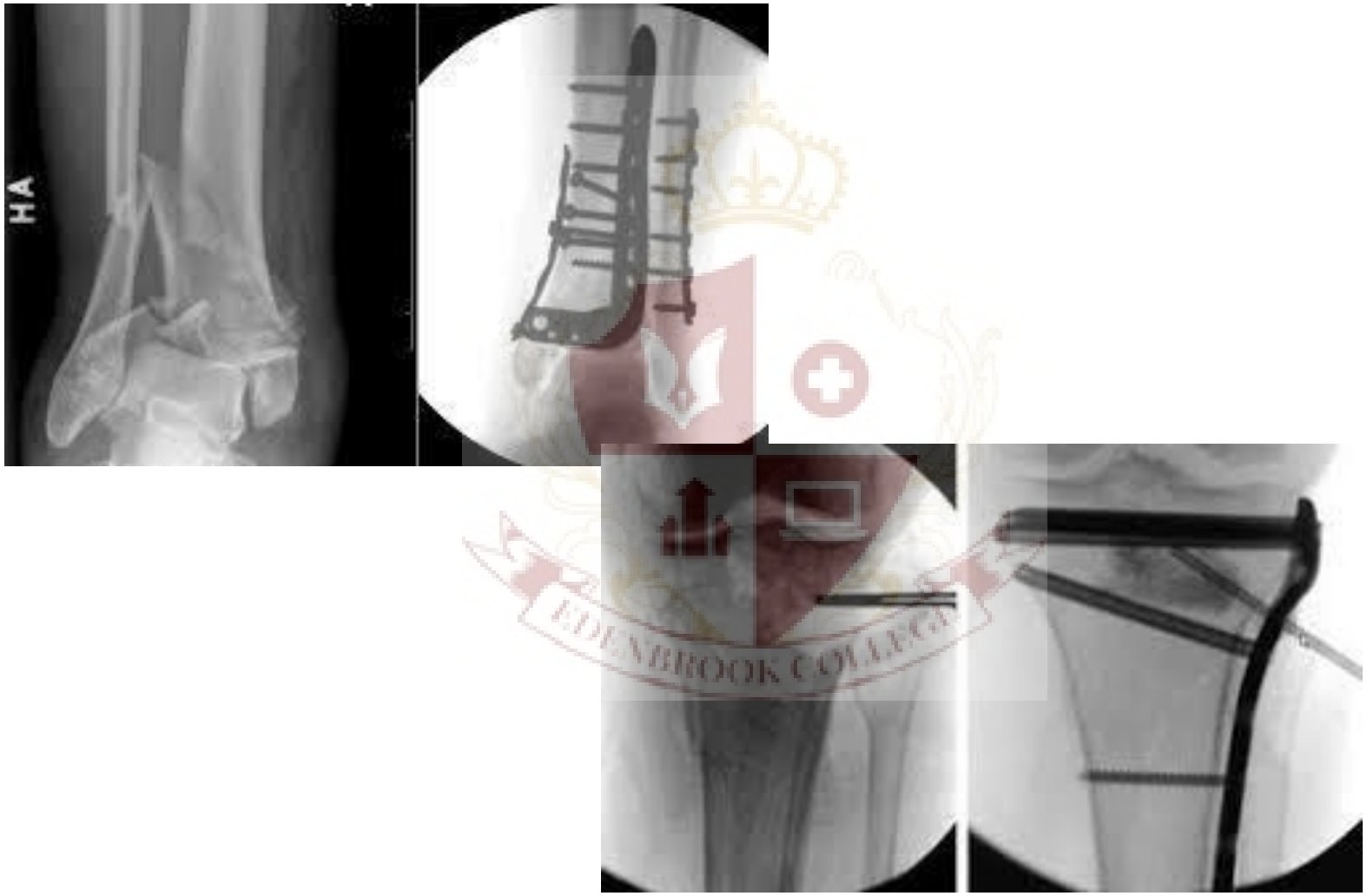


Operating Room





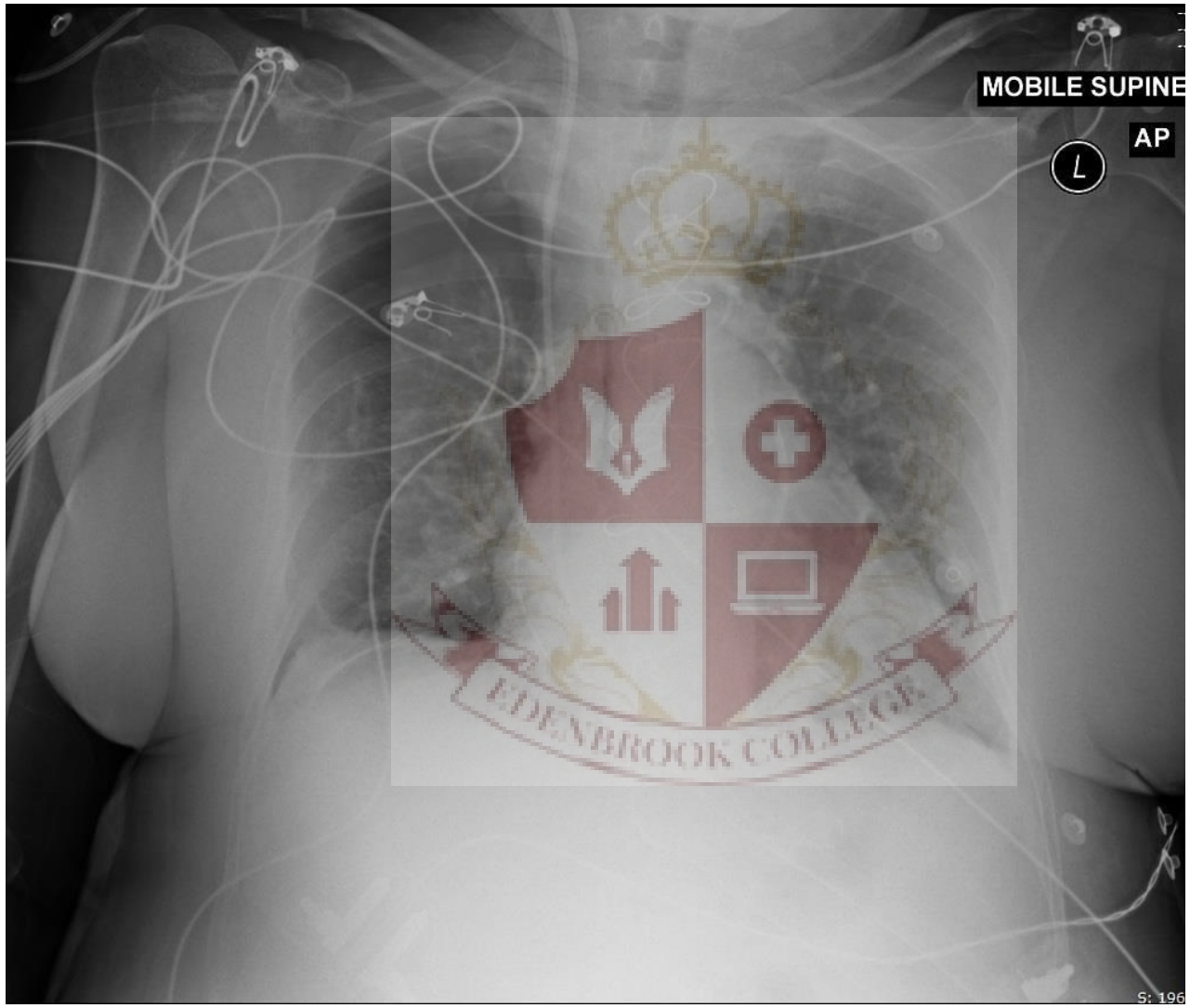
Operating Room



Mobile Radiography



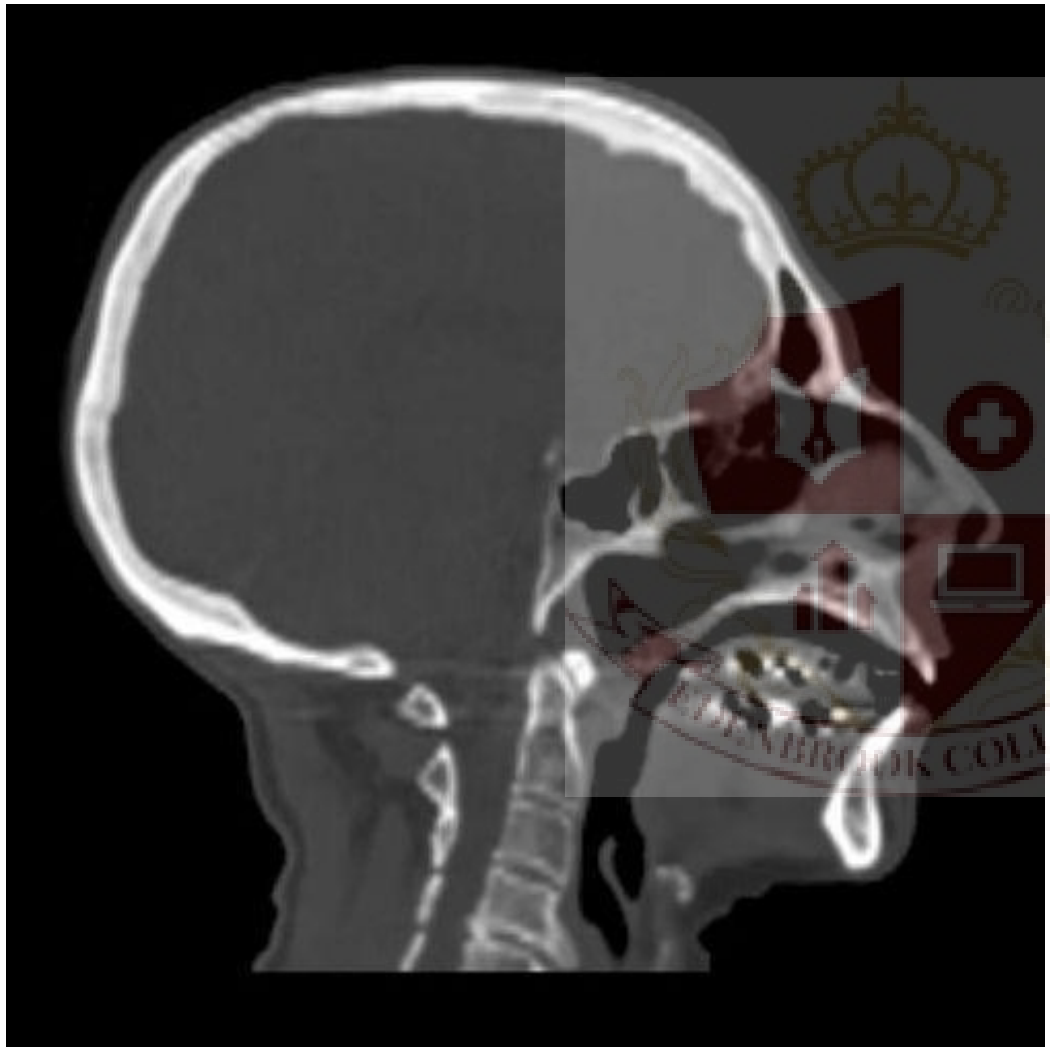
Mobile Radiography



CT scans



CT Scans

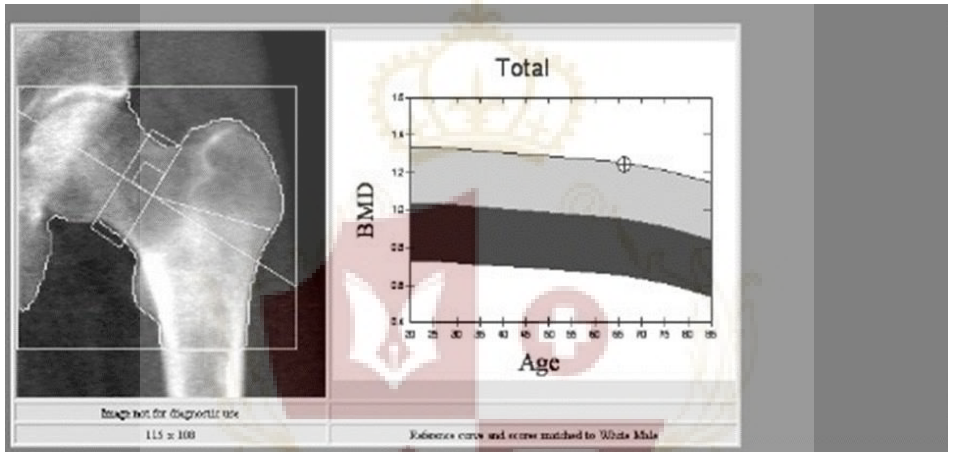




Mammography



Bone Mineral Densitometry



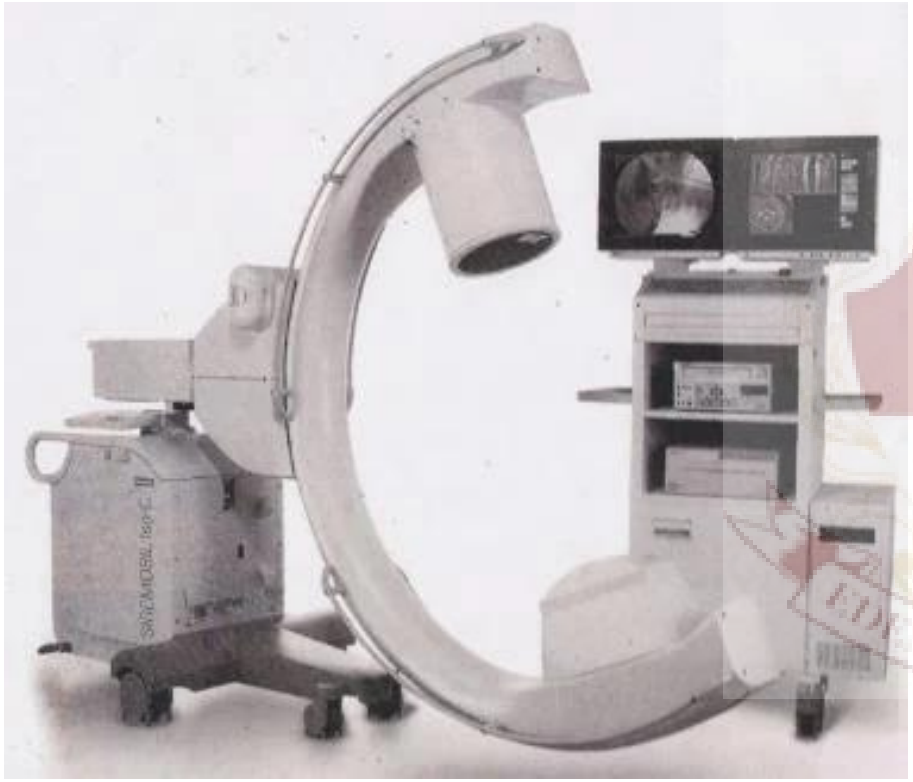
Results Summary:

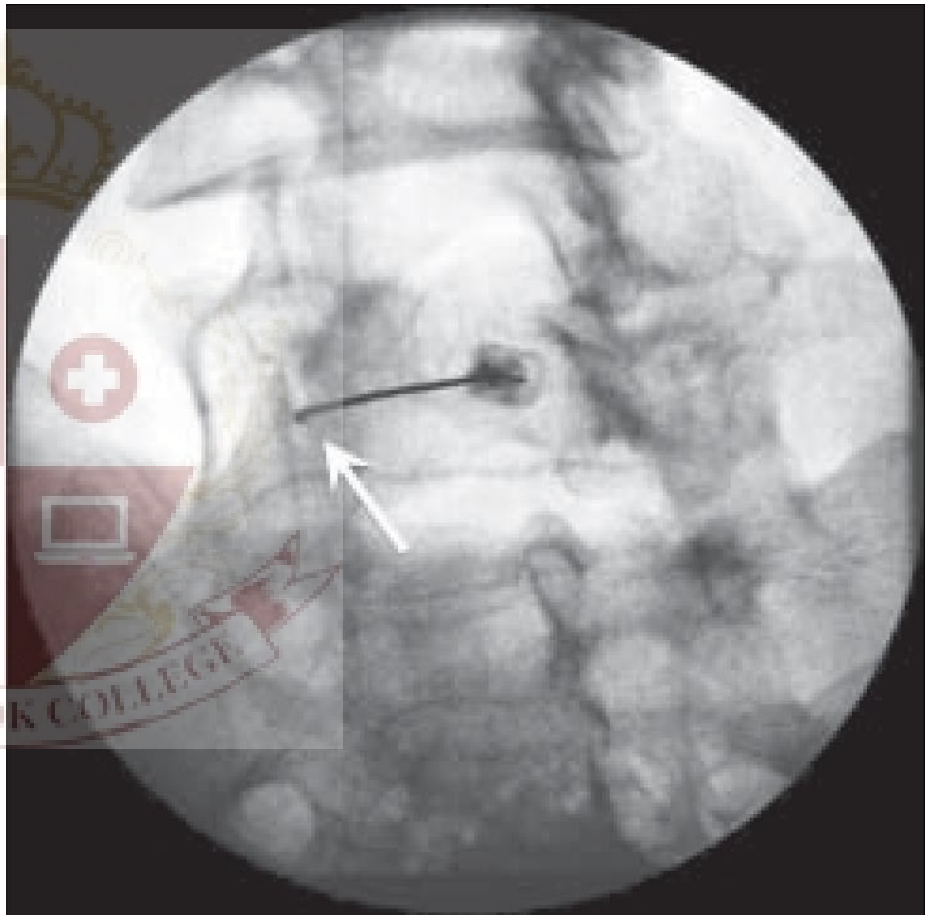
Region	Area [cm²]	BMC [(g)]	BMD [g/cm²]	T - Score	PR (Peak Reference)	Z - Score	AM (Age Matched)
Neck	6.12	4.61	0.752	-1.3	81	-0.2	96
Troch	16.48	12.65	0.768	-0.1	99	0.3	104
Inter	26.32	43.55	1.655	2.5	138	3.0	149
Total	**48.92**	**60.81**	**1.243**	**1.4**	**120**	**1.9**	**131**
Ward's	1.10	0.58	0.525	-1.8	67	-0.1	98

Total BMD CV 1.0%, ACF = 1.022, BCF = 1.014

Fracture Risk: Not Increased; WHO Classification: Normal

Pain Therapy





Post-graduate MRT

- Hospital
- Trauma Centre
- Orthopedic Centre
- Pediatrics / Geriatrics
- Sports Medicine
- Community Clinic
- Education
- Quality Control
- Administration
- Professional Associations
- Volunteer
- Research/academics



What does it mean to deliver excellent patient care?



What qualities should an MRT possess?