مخرجات التعلم:

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| **1.0** | **Knowledge** |
| 1.1 | Describe all different ionizing and non-ionizing radiation procedures |
| 1.2 | Recall the anatomy, physiology and pathology of the human body. |
| 1.3 | State radiation science underpinning diagnostic radiography. |
| 1.4 | Describe all medical imaging instrumentations. |
| 1.5 | Describe all different pharmaceutical agents used in the radiology department. |
| **2.0** | **Cognitive Skills** |
| 2.1 | Interpret the request form for all medical imaging examinations. |
| 2.2 | Estimate the appropriate techniques according to the patient condition. |
| 2.3 | Develop knowledge of the scientific research paradigm. |
| 2.4 | Critically evaluate the implications of ethical and legal implications of research within medical radiation science. |
| **3.0** | **Interpersonal Skills & Responsibility** |
| 3.1 | Show an ability of working independently and as part of a team |
| 3.2 | Demonstrate decision making skills. |
| **4.0** | **Communication, Information Technology, Numerical** |
| 4.1 | Illustrate effective communication skills with the patient and other health staff. |
| 4.2 | Assess the patient suitability for the diagnostic imaging.  |
| 4.3 | Demonstrate consideration for individual patient needs.  |
| 4.4 | Evaluate quality control measurements in the radiology department. |
| **5.0** | **Psychomotor** |
| 5.1 | Prepare the patient for radiological investigations.  |
| 5.2 | Operate the medical imaging instrumentations |
| 5.3 | Perform simple quality control testes |