## Responsibilities of Referrer

\*must include this bank of questions

True or False

|  |  |
| --- | --- |
| Ensure the request is appropriate by checking for previous imaging and requests, and is made in accordance with the referral criteria. | T |
| Correctly identify the patient. | T |
| Provide details of any known pregnancy. | T |
| Take responsibility for the exposure | F |
| Provide relevant clinical details | T |
| Clearly identifies themselves and provides contact details | T |

## Responsibility of Practitioner

True or False

|  |  |
| --- | --- |
| Ensure the request is appropriate by checking for previous imaging and requests. | T |
| Provide relevant clinical details | F |
| Take responsibility for the exposure | T |
| Consider the request and make a judgment of whether it is justified | T |
| Consider any known pregnancy. | T |

## Responsibilities of the Operator are:

To conduct the practical aspects of the exposure.

To check they have the correct patient.

Authorise under protocol or check the request is justified prior to exposure.

Conduct pregnancy enquires.

To optimise the exposure.

\*NO ANSWERS PROVIDED

## Exposure

List the following in order of increasing patient dose

|  |  |
| --- | --- |
| Hip X-ray | 2 |
| CT Abdomen Pelvis | 5 |
| Abdomen X-ray | 3 |
| Chest X-ray | 1 |
| Dynamic Cardiac Scan | 4 |

## Duty Holders

### True or False

|  |  |
| --- | --- |
| A referrer must be a registered medical practitioner or dentist or other registered healthcare practitioner | T |
| A entitled referrer can make a request for any imaging examination | F |
| A radiologist is always the Practitioner | F |
| An Operator must be a registered medical practitioner or dentist or other registered healthcare practitioner | F |
| Duty holders have a legal duty to act in accordance with the Employers written procedures | T |

## Incidents

The Trust has a duty to notify the CQC of certain referral errors – these would include (True or False)

|  |  |
| --- | --- |
| A patient requires CT of the abdomen however, the wrong notes are picked up and the patient in the adjacent bed is referred and scanned | T |
| A patient requiring CT of the Abdomen is referred for a CT head by mistake which is performed. | F |
| A patient has had a recent CT to evaluate a lung parenchymal nodule. The patient is requested for follow up imaging but no date is specified and the patient is scanned again immediately. | T |
| A young woman is sent for CT of the abdomen. It later transpires she is pregnant. | T |
| A patient is sent for CT but she is noted to be the wrong patient prior to the investigation being performed and sent back to the ward without imaging. | F |

## Incidents

The Trust has a duty to notify the CQC of certain referral errors – these would include (True or False)

|  |  |
| --- | --- |
| A patient requires CT of the abdomen however, the wrong notes are picked up and the patient in the adjacent bed is referred and scanned | T |
| A patient requiring CT of the Abdomen is referred for a CT head by mistake which is performed. | F |
| A patient has had a recent CT to evaluate a lung parenchymal nodule. The patient is requested for follow up imaging but no date is specified and the patient is scanned again immediately. | T |
| A young woman is sent for CT of the abdomen. It later transpires she is pregnant. | T |
| A patient is sent for CT but she is noted to be the wrong patient prior to the investigation being performed and sent back to the ward without imaging. | F |

## Risk

Ionising Radiation can (True or False)

|  |  |
| --- | --- |
| Cause cancer | T |
| Has no risk at low doses | T |
| Have beneficial effects at low doses | F |
| Cause Skin damage at low doses | F |
| Cardiovascular effects at doses in excess of a threshold | T |

## Risk

Risk from radiation varies with

* Amount of radiation
* Sex of the patient
* Age of the patient
* The radio-sensitivity of the organs
* The types of radiation utilised

\*NO ANSWERS PROVIDED

## Ionising Radiation

The following utilise ionising radiations (True/ False)

|  |  |
| --- | --- |
| DEXA scan |  |
| Chest x-ray |  |
| Ultrasound |  |
| MRI angiography |  |
| CT |  |
| Fluoroscopy |  |
| Bone Scan |  |

\*ONLY 5 ANSWERS IN NOTES:

T  
T  
F  
F  
T