## Responsibilities of the referrer are to:

\*must include this bank of questions

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| 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 |

## The responsibility of the Practitioner is to:

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| 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:

Multiple-choice:

|  |  |
| --- | --- |
| To conduct the practical aspects of the exposure. | T |
| To check they have the correct patient. | T |
| Authorise under protocol or check the request is justified prior to exposure. | T |
| Conduct pregnancy enquires. | T |
| To optimise the exposure | T |

## Exposure

List the following in order of increasing patient dose

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

## 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 (part a)

The Trust has a duty to notify the CQC of certain referral errors – these would include:

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| 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 (part b)

The Trust has a duty to notify the CQC of certain referral errors – these would include

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| 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 (part a)

Ionising Radiation can:

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| 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 (part b)

Risk from radiation varies with:

Multiple choice – select all that apply

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

## Ionising Radiation

The following utilise ionising radiations.

True or False (Multiple-choice?)

|  |  |
| --- | --- |
| Chest x-ray | T |
| Ultrasound | F |
| MRI angiography | F |
| CT | T |
| Fluoroscopy | T |
| Bone Scan | T |