ISRRT Justification and Authorisation of Medical Exposures Flow Chart
Radiographer/Radiological Technologist
(Medical Radiation Technologist) involvement

A typical process following receipt of a request for exposure to ionizing radiation

- Check medical records for duplicate request
  - YES: Modify the examination – reason added to the patients notes
  - NO
    - Does the benefit outweigh the risks?
      - YES
      - Does the completed request comply with local protocols - i.e. clinical information align with the request and polices, request form signed?
        - YES
        - Radiological practitioner (radiologist or delegated radiographer/technologist) resolves request with the referrer
          - Modify – Cancel – Continue
        - NO: Cancel the examination - reason added to the patients notes
      - NO
        - Is the request appropriate – will the outcome affect the patient's management?
          - YES: Continue with the examination
          - NO: Is there is an alternative Modality?
            - YES: Continue with the examination
            - NO

Note. Referrer = referring medical practitioner
Radiological medical practitioner = radiologist or approved medical radiation technologist (radiographer/technologist) acting under agreed protocols