Example Radiology ST1 Interview Questions

The following lists of questions are typical of those asked at Radiology ST1 interviews. They have been grouped under 4 different sections:

### Achievements

- Describe audit?
- Why do radiologists need to do audit?
- Describe your best audit and why?
- How would you plan an audit?
- Describe an audit cycle?
- What is a good audit?
- What problems are encountered in audit?
- If you were to design an audit how would you approach it? Talk me through the stages.
- Critically appraise this audit (you are handed an audit).
- What's the difference between audit and research?
- Is research important in radiology?
- What research methods do you know? Explain them.
- What is your research experience?
- How would you plan a radiology research project?
- What is the value of doing research as an SPR?
- Talk us through your research.
- Who works in the radiology department?
- How would you organise the radiology department?
- What is teamwork? How can we promote it?
- Is clinical governance important in radiology?
- What do you think of risk management?
- Tell us about your presentations.
- Any awards?
- Describe your teaching experience?
- As a radiologist whom should we teach?
- Describe your preferred teaching method and explain why?
- What would you like to teach junior doctors and why?
- Tell us about a recent radiology journal you have read? What was its impact factor?

### Abilities

- A clinician asks for an inappropriate investigation. How do you handle this situation?
- You are alone on your first on-call and need help. What do you do?
- What referral pathways are you aware of?
- Explain the 10-day rule.
- Explain the 28-day rule.
- What are the abnormalities on .....?
Prioritise these scans.
Discuss this scan and why you chose it.
Comment on this PET-CT report. What improvements would you suggest?
What do you think about the structure of this report?
Do you know of any guidelines on how to deliver an effective radiology report?
What is your understanding of CT scanning?
What is your understanding of MRI?
What is your understanding of MRI?
Explain how X-ray works?
Explain how Ultrasound works?
Why has this patient had this type of scan?
Do you know why we use contrast?
What further scan or radiological procedure would you like to do next?
After reviewing this scan what would you immediately do next? Who would you contact?
You see a patient and perform an Ultrasound. It shows liver metastasis and the patient is asking if the scan is normal. How do you handle this situation? Explain your reasons why.
You scanned a patient for gallstones and found cholecystitis and an abdominal aortic aneurysm (AAA). How would you proceed?
A pregnant lady had been exposed to radiation and she is now upset and concerned. How do you handle this situation?
A patient has been administered 3 x dose of radioactive agent during a nuclear medicine scan. How would you proceed?
A patient with learning difficulties requires a CT scan. How would you handle this?
Patient A had a CT scan that was meant for patient B. Patient B had an Ultrasound scan that was meant for patient A. How do you handle this situation?
A nurse would like to discuss her father’s scan results. How would you proceed?
A colleague would like you to report their father’s MRI scan. How would you proceed?
A confused patient needs a drain. A completed consent form is with the patient. What would you do?
What would you do if a patient were refusing an investigation? Have you dealt with a similar situation in your training?
What role does imaging have in an elderly confused patient?
How would you investigate a child with a limp? How would you investigate a child with a painful hip?
You are having difficulty with a radiology colleague. What do you do?
A fellow doctor/your consultant comes into work drunk. What do you do?
You are delivering a teaching session and a junior foundation doctor arrives 15 minutes late with a cup of coffee. How do you handle this situation?
You are continually asked to report after hours and asked not to declare this on the hours monitoring. What would you do?
You report a plain radiograph and notice a solitary lesion in the lung. The previous radiograph, which was reported a few months ago by your consultant, was suggestive of a mass, however no action was taken. How would you proceed?
You have an unkempt colleague who dresses in jeans to work. How would you approach this situation?

Aspirations

Why Radiology?
Why have you decided to change from your chosen career path?
Is there anything you would miss coming from a different background?
How has your training so far prepared you for a career in radiology?
What do you bring to radiology?
Tell me about your experience so far and how it is related to radiology?
Tell me about the radiology experience you have?
What did you learn from your taster experience?
What branch of radiology are you interested in?
During your radiology training what other projects do you hope to achieve?
Other than attaining your CCT what else do you hope to achieve during training?
Describe an interesting case?
Where do you see yourself in 5 years time?
What are your strengths and weaknesses?
What are your weaknesses?
Name two good and two bad aspects about yourself.
What are the qualities of a good radiologist?
The NHS is in financial difficulty. What impact would this have on radiology?
What threats are there to Radiologists?
Have you got a good idea what a radiologist does?
How many sessions does a radiologist do? What do they involve?
What would you do as a first year registrar?
Have you talked to any radiology trainees / consultants?
Tell us about a radiologist that has inspired you.
Recent advances in radiology?
What were the significant radiological advances in the last 5 / 10 / 50 years?
What is the future for radiology?
What changes will there be during your training?
What challenges face radiology?
Are you aware of any innovations in radiology?
What do you think of 24/7 radiology?
How do you think 'any willing provider' has affected radiology?
What do you think of outsourcing / teleradiology?
What is your understanding of a radiology academy?
Do you agree radiographers should have an extended role?
What are your opinions on non-radiologists performing procedures?
What do you know about skills mix? Advantages / Disadvantages.
Are you aware of any guidelines in radiology?
Which organisations produce guidelines?
How does defensive practice affect imaging?
Have you noticed a conflict between radiology and surgery?
Tell me about the radiology examination process. Where did you get this information?
Tell me about the training structure.
Tell me about the role of workplace based assessments in radiology training?
Tell me about the IRMER regulations.
How do you feel current changes in healthcare will affect radiology?
Is clinical governance important in radiology?
What is the purpose of discrepancy meetings?
Do you think discrepancy meetings are useful? How do patients benefit?
Explain the role of the radiologist in the MDT?
How do you handle stress?
How do you de-stress?
What is your understanding of the EWTD and its implications in radiology?
Are communication skills important in radiology?
Do you think foundation year 2 (FY2) doctors should apply for radiology? Advantages / Disadvantages.

Portfolio

Please direct me to your greatest achievement. Explain why?
Please show me the item you are most proud of.
What is your best achievement and why?
Please show me evidence of teaching. Do you have any feedback? How do you use feedback?
What have you learnt from this course? Have you reflected on this teaching?
How would you improve your teaching methods?
What taster experience have you done?
Do you have evidence of a taster week?
Did do an elective in radiology?
What presentations have you done?
Do you have any publications?
Please guide me through your assessments. 360 appraisal, MSF etc...
Direct me through your research / audit experience.
Do you have any postgraduate exams?
Why have you not done any postgraduate exams?
Why have you done these exams MRCS/MRCP?