

INDIAN COLLEGE OF RADIOLOGY AND IMAGING



MASTERS IN CLINICAL RADIOLOGY (MICR)

(MICR by ICRI, Academic wing of IRIA)

How to prepare for MICR step 3 – the final qualifying step.

This examination has total of 2 hours of Viva and OSCE inclusive.

This is conducted in person in a designated centers.

VIVA and OSCE:

Every candidate has to go through 4 rooms

Room 1: Viva – 30 minutes

Examiner 1 – Neuro/neck/ spine – 15 minutes

Examiner 2 – Chest /CVS – 15 minutes

Room 2: Viva – 30 minutes

Examiner 1 – ABDOMEN – 15 minutes

Examiner 2 – MSK – 15 minutes

Room 3: Viva – 30 minutes

Examiner 1 – Women’s imaging – 15 minutes

Examiner 2 – paediatrics/ Onco – 15 minutes

(Please note the above demarcation of system is for general purpose only; multisystem disorder and few other cases related to any system may be shown at any rooms occasionally)

Room 4 : OSCE – 30 minutes

OSCE INCLUDES TESTING OF

- **Ultrasound skills and knowledge of technique – abdomen, obstetrics, small parts including MSK/Neck; machine settings**
- **Communication skills with patient**
- **Ultrasound guided biopsy – demonstration**
- **Hardware, catheters, guidewires and other commonly used instruments**
- **Legal knowledge -eg: AERB / PCPNDT guidelines and regulations.**

EXAMPLES:

Examiner 1:

- 1. Abdomen – demonstrate the segment 8 of liver and its land marks? How to show the posterior aspect of liver if difficult?**
- 2. Flash cards – fetal radiology image, related questions on technique, knowledge and diagnosis as appropriate; protocols and technical knowledge will be tested.**
- 3. Small parts – skills demo; neck, musculoskeletal and soft tissue ultrasound – any one or two parts may be asked to demonstrate on the volunteer.**

Examiner 2

- 4. FNAC the target on this phantom using ultrasound? Which probe you select and why?**
- 5. Hard ware – catheters, guidewires, drain tubes, xray tube parts etc.**

6. Contrast – content/ dosage / practical management of reactions
7. Legal – AERB and PCPNDT regulations

Remarks:

Viva rooms will have a monitor connected to examiners computer

Dicom images will be displayed for each case

Each case will be marked by the examiner

No feed back about the performance will be given by the examiner on the day; results will be announced in 2 to 3 weeks.

No electronic equipment allowed inside the viva; all to be handed over / kept in designated place.

OSCE room – ultrasound machine and volunteer will be present.

Markings:

Marks	Performance	Decision
0	No answer	
1		discarded/passed over/need not be considered
2		Fail
3		Fail
4		Fail
5		Borderline
6		Pass
7		Good pass
8		Outstanding
9		Medal contender

A minimum of 6 needed to pass that particular viva

Overall, from 8 examiners - the total score should be 51* – to pass.

Max two scores of 5 allowed, provided the total has reached 51*

Any score of 4 irrespective of total is regarded as fail in step 3 MICR

Guidelines for marks:

- Unable to start / passed over – 1 (if this is a single event, usually discarded while awarding final mark)
- Findings are communicated, but not reaching all correct observations and no diagnosis , life threatening error made– 2/3/4
- Most findings are there – unable to reach diagnosis at present but no major harm done– seem to be on the right track and approach / some help needed- 5
- Most findings and approach are good - pathological process assessment and approach to the workup is good/ diagnosis within the list / answering the related to questions– 6
- Most observations, interpretation and diagnosis correct – 7
- All observations, diagnosis, further management and further questions are answered well without any help or clue – 8 /9
