

Certification in Maternal Fetal Medicine (CMFM) In-Hospital Clinical Examination (IHCE) Information Sheet



The Royal Australian
and New Zealand
College of Obstetricians
and Gynaecologists
Excellence in Women's Health

The CMFM In-Hospital Clinical Examination (IHCE) is specifically designed to examine a trainee's scanning technique and is undertaken at the trainee's training unit.

The CMFM IHCE consists of three (3) compulsory obstetric cases:

- 12 Week Ultrasound Assessment
- Mid Trimester Ultrasound Assessment
- Third Trimester Ultrasound Assessment

In conducting the three (3) obstetric cases the CMFM IHCE trainee should be able to:

1. Perform ultrasound to a high technical standard whilst addressing the clinical scenario
2. Manipulate machine controls to optimize the ultrasound image
3. Understand and follow recommended protocols or standards expected in the performance of the specified ultrasound examination
4. Display a good understanding of image optimization and be able to demonstrate and describe normal and abnormal anatomy
5. Recognize limited or inadequate views and suggest ways to overcome this

Trainees are encouraged to undertake formative assessments of the three (3) obstetric cases prior to undertaking the summative examination. Formative assessments can be assessed by any CMFM subspecialists including the Training Supervisor. There is no limit to the number of formative attempts. Formative assessments are encouraged and can also be recorded in the logbook. The formative IHCE assessment forms can be found on the website <https://www.ranzcog.edu.au/Training/Subspecialist-Training/Training-Documents>

The IHCE uses three separate assessment forms, one for each scan type: 12 week, mid trimester and third trimester and is examined by two certified RANZCOG CMFM subspecialists - one Interstate examiner and one local examiner. The local IHCE examiner should not be the trainee's Training Supervisor.

Each scan type has a specific criteria checklist and a summary page to record details of the individual assessment including whether it is a formative or summative assessment. Feedback is encouraged for all assessments to assist in skill development, but it is compulsory for both the trainee and the examiners to undertake the feedback at the conclusion of the final summative assessment of the IHCE. Feedback includes what the trainee did well and what should be improved. Both the trainee and examiners sign the form with the examiners' qualifications.

All completed formative assessment forms are to be retained by the trainee.

The completed IHCE summative assessment forms (six in total i.e. one for each scan type from each of the examiners) are to be sent to Subspecialties Department, College House.

The trainee must sit and pass all three (3) ultrasound components of the IHCE on the same day to pass the examination.

Important Administrative Matters

The following procedures for the In Hospital Clinical Examination (IHCE) apply:

- The IHCE should be conducted at the trainee's training site with equipment familiar to the trainee
- Formative assessments of the 12 week, mid trimester and third trimester scans that make up the IHCE may be undertaken at any time during training
- The DDU Part 1 must have been successfully completed prior to the first attempt at the IHCE

- The summative IHCE can be undertaken at any time after completion of 69 weeks of clinical training
- Trainees must satisfactorily complete the Summative IHCE at least eight (8) weeks prior to the date of the final CMFM examination (whether the Written or Oral examination is taken last)
- Examiners will set aside time to undertake the IHCE in the months of February and September
- The IHCE application must be received by CMFM coordinator, College House three (3) months prior to the start of the nominated assessment month. For example if you wish to undertake the IHCE in February then the IHCE application must be received at College House by 31 October the year prior and if you wish to undertake the IHCE in September then the IHCE application must be received at College House by 30 June.
- The IHCE summative assessment can be repeated as many times as necessary but not within four (4) weeks of an unsuccessful attempt. Following an unsuccessful summative attempt at the IHCE, trainees should focus on any area(s) to be improved, prior to any further attempts
- The IHCE must be examined by two (2) certified RANZCOG CMFM subspecialists – one interstate Fellow and one local Fellow. The local IHCE examiner should not be the trainee’s Training Supervisor
- The examiner must read ADDITIONAL NOTES FOR IN-HOSPITAL CLINICAL EXAMINATION EXAMINER. After ensuring all instructions are followed, the examiner must sign the Examiner Declaration for forwarding to Subspecialties Department, College House
- A tick/circle must be given in each criteria box. In exceptional circumstances where this is not possible, justification should be provided by the examiner
- The completed summative IHCE consists of: two sets of completed assessment forms (1 for each of the 3 assessment scans from each examiner - making 6 in total); the completed IHCE SUMMARY SHEET (which has the average score for each of the three assessment scans noted); and the completed sign off from both examiners and the trainee
- The Training Supervisor (Invigilator) will collate and return the entire completed summative IHCE assessment document to Subspecialties Department, College House

Satisfactory completion of the CMFM IHCE will be recorded when the following have been submitted to the College:

- Copies of the three (3) IHCE Summative Assessment forms for each Examiner (6 in total)
- Completed IHCE Summary Sheet indicating MAPS has been achieved for each scan
- Completed patient consent forms for each of the three (3) cases
- Completed examiner declaration forms signed by both examiners

Selection of Patient Cases

- Three (3) separate patients must be selected for each of the three (3) assessable scans (i.e. one patient for the 12 week- scan, one patient for the mid trimester scan and one patient for the third trimester scan)
- The patient selected for each of the scans should be someone the trainee has not previously scanned or discussed with colleagues. An attempt is to be made by the trainee to complete all assessable criteria, for each individual assessment, on the one patient selected for each scan type
- Written patient consent must be obtained on the day for each individual patient participating in the IHCE

Assessment System to be Used

- Each examiner will complete a separate assessment form for each section of the examination and the scores for each scan type will be averaged and recorded on the IHCE SUMMARY SHEET
- To pass the IHCE, a trainee must score ‘4’ or above in a minimum of 20 of the listed skills criterion, in each of the three scans comprising the examination
- The trainee must sit and pass all three ultrasound components of the IHCE on the same day to pass the examination