

Certification in Obstetrical and
Gynaecological Ultrasound (COGU)
In-Hospital Clinical Assessment (IHCA)
Third Trimester Ultrasound Assessment



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

TRAINEE DETAILS

Trainee Name: _____

Hospital: _____

Formative Summative

1. Introduces self to patient and obtains relevant clinical details ESSENTIAL	1 No introduction or history	2	3 Minimal introduction and incomplete history	4	5 Proper introduction and relevant history
2. Explain examination ESSENTIAL	1 Incomplete or misinformation	2	3 Explanation complete but brief	4	5 Full succinct explanation with indication and limitations
3. Enter patient details into machine ESSENTIAL	1 Unable to complete task correctly	2	3 Accurate but not familiar with machine	4	5 Excellent knowledge of machine and accurate data input
4. Selection of probe and routine examination pre-sets	1 Inappropriate probe or inability to select settings	2	3 Correct but some hesitancy in use of equipment	4	5 Correct and confident use of equipment
5. Use grey scale controls including gain, depth, focus and zoom	1 Suboptimal image quality	2	3 Optimises image but uncertainty in use of machine functions	4	5 Optimises image appropriately with familiarity
6. Assess uterine contents including fetal number, presentation and lie	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse longitudinal planes
7. Assess placenta: • location, • anatomy • appearance	1 Incorrect demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
8. Measure BPD	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
9. Measure HC	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
10. Measure AC	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement

11. Measure FL	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
12. Briefly review brain anatomy as position allows <ul style="list-style-type: none"> Falx – symmetry Lateral ventricles Corpus callosum Cerebellum 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
13. Briefly review fetal face as position allows: <ul style="list-style-type: none"> Orbits and lenses Lip, nose, chin Palate (axial) Profile 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
14. Briefly review fetal heart as position allows: <ul style="list-style-type: none"> 4 chamber heart Left outflow tract Right outflow tract 3 vessel view 'Arrow' view 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
15. Briefly review fetal abdomen as position allows: <ul style="list-style-type: none"> Diaphragm Stomach size, situs Liver, gallbladder Bowel loops Kidneys Bladder 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
16. Briefly review fetal spine as position allows: <ul style="list-style-type: none"> Axial views, skin integrity Sagittal views, skin line Coronal views 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
17. Measure AFI	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
18. Measure UA Doppler	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and measurement	4	5 Systematic image acquisition and measurement
19. Measure MCA Doppler <ul style="list-style-type: none"> PI PSV 	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and measurement	4	5 Systematic image acquisition and measurement
20. Measure DV Doppler	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and measurement	4	5 Systematic image acquisition and measurement
21. Appropriate adjustment and understanding of machine Doppler settings	1 Inability to select settings to optimise image acquisition or to recognise that such adjustment is required	2	3 Correct but some hesitancy in use of equipment	4	5 Correct and confident adjustment of settings and repeat sampling as required to ensure accurate assessment
22. Assess Biophysical Profile (x/8) <ul style="list-style-type: none"> Breathing Tone Movement Amniotic fluid 	1 Incorrect assessment	2	3 Hesitant assessment	4	5 Accurate assessment

23. Recognise and assess pregnancy pathology (amniotic fluid, fetal well-being, fetal size, abnormal Doppler, fetal anatomy, anaemia, placenta praevia, selective IUGR in twins, TTTS...), demonstrating a skill level appropriate to the level of training	1 Skill level well below that expected	2	3 Near appropriate skill level demonstrated	4	5 Skill level well above that expected
24. Recognise and assess maternal pathology, demonstrating a skill level appropriate to the level of training	1 Skill level well below that expected	2	3 Near appropriate skill level	4	5 Skill level well above that expected
25. Assessment appropriately focussed to clinical question	1 Deficient assessment and not ordered	2	3 Complete but disorganised approach	4	5 Complete assessment in well-structured manner
26. Strategies when poor views	1 Deficient assessment and not ordered	2	3 Complete but disorganised approach	4	5 Complete assessment in well-structured manner
27. Explain findings to patient and counsel patient accordingly ESSENTIAL	1 Incomplete or misinformation	2	3 Explanation complete but brief	4	5 Full succinct explanation with limitations
Report Writing					
28. Personal details and clinical indication included ESSENTIAL	1 Deficient	2	3 Mostly correct (minor omission)	4	5 Accurate and correct
29. Organised and well structured; Relevant structures and measurements included	1 Deficient and disorganised; Relevant structures and measurements not included	2	3 Mostly correct (mild disorganisation); Mostly included	4	5 Organised and well structured; Accurate and all relevant information included
30. Diagnosis or summary clearly stated (with relevant recommendations if applicable)	1 Deficient	2	3 Adequate summary	4	5 Stated clearly with relevant recommendations
31. Addresses the clinical scenario ESSENTIAL	1 Poorly addresses the clinical scenario	2	3 Clinical scenario partially addressed	4	5 Addresses the clinical scenario well

TRAINEE TO COMPLETE

For summative assessments only:

Number of summative assessments required to achieve this outcome: _____

Number of satisfactorily completed weeks of clinical training: _____

Number of formative assessments performed: _____

Number of prior third trimester scans performed: _____

Aspects I think I performed well:

Aspects I think need to be improved:

ASSESSOR TO COMPLETE

Number of criteria boxes assessed as '4' or more: _____

All essential items assessed as '4' or more: Y / N

On assessment the trainee has:

- Achieved Above MAPS required for this Third Trimester Ultrasound Assessment
- Achieved MAPS required for this Third Trimester Ultrasound Assessment.
 - (MAPS: a minimum of 23 of the 31 criteria to be scored at '4' or higher, which must include all essential items)
- Not Achieved MAPS required for Third Trimester Ultrasound Assessment.

Aspects performed well:

Aspects to be improved:

Type of pathology scanned in this assessment: _____

SIGNATURES

Assessor: _____

Qualification: _____

Signature: _____

Date: _____

Trainee: _____

Signature: _____

Date: _____