

Certification in Obstetrical and
Gynaecological Ultrasound (COGU)
In-Hospital Clinical Assessment (IHCA)
Mid 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 placenta including location, appearance and cord insertion; and assess amniotic fluid volume	1 Incorrect demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
7. Assess chorionicity and amnionicity in case of multiple pregnancy	1 Incorrect assessment	2	3 Some uncertainty	4	5 Confident assessment
8. Measure BPD, HC, AC, FL, HL	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
9. Assess fetal head and brain: <ul style="list-style-type: none"> • Cranium shape and ossification • Lateral ventricles • Choroid plexus • 3rd and 4th ventricle • Thalami • CSP • Cerebellum • Cisterna magna 	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
10. Assess corpus callosum (sagittal) – include 3D sagittal reconstruction from BPD plane	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes

11. Measurement of nuchal fold	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
12. Assess fetal face and neck: • Orbits and lenses • Lip, nose, chin (mandible) • Palate (axial) • Profile • Nasal bone	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
13. Fetal heart 4 chamber view: • Situs (abdomen & thorax) • Axis • Ventricular septum • Ventricular size, morphology atrial size, AV- valves, crux	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse plane
14. Pulmonary veins	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse plane
15. Outflow tracts • Left outflow tract • Right outflow tract	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse plane
16. 3 vessel view, arrowhead view • PA, Aorta, SVC	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse plane
17. Sagittal views heart: • Aortic arch & neck vessels • Ductal arch • Venous return – SVC, IVC	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach longitudinal plane
18. Adjust machine settings to assess the fetal heart optimally	1 Suboptimal image quality	2	3 Optimises image but uncertainty in use of machine functions	4	5 Optimises image appropriately with familiarity
19. Assess diaphragm, lungs	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
20. Assess limbs including: • Humerus • Radius, Ulna • Hand, 5 digits • Wrist position • Femur • Tibia, Fibula • Feet, toes, ankles	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
21. Assess fetal abdomen • Stomach size, situs • Liver, gallbladder • Bowel loops • Kidneys, renal arteries • Bladder • Cord insertion, 3VC	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
22. Assess fetal gender	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes

23. Assess fetal spine: • Axial view, 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
24. Recognise and assess abnormal pregnancy findings (eg fetal anomaly, amniotic fluid, fetal size), demonstrating a skill level appropriate to the level of training	1 Skill level well below that expected	2	3 Appropriate skill level demonstrated	4	5 Skill level well above that expected
25. Measure uterine artery Doppler	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and measurement	4	5 Systematic image acquisition and measurement
26. Assess cervix – TA, may offer TV. Check for vasa praevia	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse longitudinal planes
27. 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
28. 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					
29. Personal details and clinical indication included ESSENTIAL	1 Deficient	2	3 Mostly correct (minor omission)	4	5 Accurate and correct
30. 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
31. Diagnosis or summary clearly stated (with relevant recommendations if applicable)	1 Deficient	2	3 Adequate summary	4	5 Stated clearly with relevant recommendations
32. 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 mid 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 Mid Trimester Ultrasound Assessment
- Achieved MAPS required for this Mid Trimester Ultrasound Assessment.
 - (MAPS: a minimum of 24 of the 32 criteria to be scored at '4' or higher, which must include all essential items)
- Not Achieved MAPS required for Mid 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: _____