## Certification in Maternal Fetal Medicine (CMFM)



Hybrid In-Hospital Clinical Examination (IHCE) Third-Trimester Ultrasound Assessment

## CANDIDATE DETAILS

Candidate Name

Hospital

Date of Examination

Introduces self to patient and obtains relevant clinical details	1 No introduction or history	2	3 Minimal introduction and incomplete history	4	5 Complete introduction and history
Explain examination and obtain consent	1 Incomplete or misinformation	2	3 Explanation complete but brief	4	5 Full, succinct explanation with indication and limitations
Assess cervix and uterine contents including fetal number	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
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
Measure BPD	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
Measure HC	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
Measure AC	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
Measure FL	1 Incorrect plane and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
Review brain anatomy: - 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
Review fetal face: - Orbits and lenses - Lip, nose, chin - Profile	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes



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<ul> <li>Review fetal heart and chest where possible (in some cases fetal position may preclude being able to demonstrate all these views):</li> <li>4 chamber heart</li> <li>Left outflow tract</li> <li>Right outflow tract</li> <li>3 vessel view</li> <li>Arrow view</li> <li>Rhythm and contractility</li> <li>Lung echogenicity and size</li> </ul>	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
<ul> <li>Review fetal abdomen:</li> <li>Diaphragm</li> <li>Stomach size and situs</li> <li>Liver, gall bladder</li> <li>Bowel loops</li> <li>Kidneys, renal arteries</li> <li>Bladder</li> <li>3VC</li> </ul>	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
Measure AFI or Deepest Vertical pocket	1 Incorrect technique and measurement	2	3 Hesitancy in image acquisition and calliper placement	4	5 Systematic image acquisition and measurement
Demonstrates the use of 3 and 4 D imaging to assist in completion of the third trimester scan	1 Incomplete demonstration	2	3 Structures demonstrated but hesitatnt utilisation	4	5 Systematic approach with confidence in utilisation
Assess maternal anatomy - Cervix (if visible TA) - Ovaries (if gestation allows)	1 Incomplete demonstration	2	3 Structures demonstrated but unsystematic approach	4	5 Systematic approach in both transverse and longitudinal planes
Strategies when poor views	1 No strategies, accepting of poor views	2	3 Good strategies but poor implementation	4	5 Good strategies, well implemented
Systematic approach to examination	1 Incomplete or chaotic approach to examination	2	3 Good approach to examination, not always flexible whilst maintain systematic approach	4	5 Complete, systematic approach to examination, taking into account all factors
Counselling: explain findings to patient	1 Incomplete or misinformation	2	3 Explanation complete but brief	4	5 Full succinct explanation with limitations



## **EXAMINER TO COMPLETE** Number of criteria boxes assessed as '4' or more: ..... On examination the trainee has: Achieved Above MAPS Achieved MAPS required for this 'third trimester Ultrasound Assessment. (MAPS: a minimum of 12 out of 18 to be scored at '4' or higher) 0 Not Achieved MAPS required for this 12 Week Ultrasound Assessment Aspects performed well: Aspects to be improved: Duration of this examination: **SIGNATURES Examiner Name**

Qualification

Signature

Date