OBSTETRICS AND GYNAECOLOGY ROTATION PLAN (2020-21)

NAME OF ROTATION: Ultrasound (Selective)

FOCUS OF THIS ROTATION
- Ultrasound imaging in Obstetrics and Gynaecology.

CBD stage(s) for this rotation:
- Core of Discipline (COD)

Length of this rotation:
- (1)-one block (selective)

PGY Level(s) for this rotation:
- PGY3 / PGY4 / PGY5

Locations for rotation:
- St. Michael's Hospital

Required training experiences included in this rotation
- COD 1.3 Obstetrics and gynecology ultrasound
- COD 1.1.4.3 Obstetrics across the breadth of the discipline – Maternal-fetal medicine clinics
- COD 1.1.6 Obstetrics across the breadth of the discipline – After-hours coverage
- COD 1.2.6 Gynecology across the breadth of the discipline – After-hours coverage

Other training experiences that may be included in this rotation
- Rounds simulation

<table>
<thead>
<tr>
<th>EPAs Mapped to this rotation:</th>
<th>Total # of Entrustments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. OG COD-6 Performing obstetric and gynecologic ultrasound</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other assessments during this rotation:</th>
<th>Tool Location / Platform (e.g. POWER, Entrada):</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Procedure logging</td>
<td>Microsoft Web Forms (Office 365)</td>
</tr>
<tr>
<td>2. ITAR (In-Training Assessment Report)</td>
<td>POWER</td>
</tr>
</tbody>
</table>

Key Objectives for this Rotation:

1. Demonstrate knowledge of:
   - (1) Physics of ultrasound imaging modalities
   - (2) Safety of ultrasound in pregnancy
   - (3) Indications and components of various ultrasound assessments (e.g. BPP versus anatomy versus FTS)
   - Medical Expert

2. Assess the high-risk patient requiring ultrasound assessment including obtaining a relevant history, performing the targeted ultrasound, creating a management plan and counseling the patient.
   - Medical Expert

3. Elicit the trust and cooperation of the patient and their family, listen effectively and discuss appropriate information with patients/families.
   - Communicator

4. Document ultrasound findings appropriately and complete health records in a timely manner.
   - Communicator

5. Demonstrate an understanding of appropriate utilization/frequency of ultrasound imaging.
   - Leader
Key Objectives for this Rotation:  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>CanMEDS Role(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.</td>
<td>Develop an awareness of the importance of equal access to ultrasound facilities.</td>
<td>Health Advocate</td>
</tr>
<tr>
<td>7.</td>
<td>Develop and follow a personal learning strategy aimed at addressing one’s own learning needs related to the development of knowledge, skills and attitudes necessary to provide optimal care for patients requiring ultrasound.</td>
<td>Scholar</td>
</tr>
<tr>
<td>8.</td>
<td>Exhibit proper professional behaviour: punctual, reliable, and honest. Fulfill educational and service obligations. Demonstrate a commitment to confidentiality and patient safety.</td>
<td>Professional</td>
</tr>
<tr>
<td>9.</td>
<td>Demonstrate an awareness of the medico-legal and ethical issues with respect to obstetric and gynecologic ultrasound.</td>
<td>Professional</td>
</tr>
</tbody>
</table>

Other:

Demonstrate competency in the following Obstetric ultrasound procedures:

- Image optimization
- First trimester scan
  - Crown-rump length and gestational age
  - Confirmation of intra-uterine pregnancy
  - Recognition and documentation of fetal heart rate
- Second and Third trimester scans
  - Fetal position and number
  - Placental location
  - Amniotic fluid volume assessment
  - Fetal biometry
- Biophysical profile
  - Cervical length measurement

Demonstrate competency in the following Gynecologic ultrasound procedures:

- Evaluation of free fluid in the pelvis and/or abdomen