



| BT Flex week 1 study components: Monday 31 October to Saturday 6 November |   |  |   | Approx study time |
|---|---|--|---|-------------------|
|   | Lectures [ESSENTIAL]  | Practical instruction videos [ESSENTIAL]   | Further reading [SUGGESTED]   |                   |
| <b>Mon</b>  | Lecture 1: Physical principles of ultrasound including safety<br>Lecture 2: Transducers, image production, knobology & scanning planes TA & TV  | <ul style="list-style-type: none"> <li>The Principles of Ultrasound</li> <li>ISUOG - Plan your movements and improve your image</li> <li>Practical Demo: live demonstration with trainee, demonstration knobology</li> </ul>   |   | 1 hour 20 minutes |
| <b>Tues</b>   | Lecture 3: The principles of Doppler ultrasound*  | <ul style="list-style-type: none"> <li>Practical Demo: Measurement of uterine artery Doppler:</li> <li>Practical demo: of Doppler principles</li> </ul>  | <i>Ultrasound in Obstetrics and Gynecology: A practical approach</i> [Chapters 1-3] | 50 minutes        |
| <b>Weds</b>   | Lecture 4: Quality control processes for operators & programmes*<br>Lecture 5: Informed consent, image recording and report writing   | <ul style="list-style-type: none"> <li>Train the BT Trainee: How to Prepare and Counsel the Patient</li> </ul>   |   | 1 hour            |
| <b>Thurs</b>  | Lecture 6: Assessing the normal pregnancy between 4 and 10 weeks in singleton and twin pregnancies<br>Lecture 7: Assessing the normal pregnancy between 10 and 14 weeks in singleton and twin pregnancies | <ul style="list-style-type: none"> <li>The basic steps of an obstetric ultrasound:</li> <li>Practical demonstration: scan showing key features e.g. mean sac, CRL, caliper placement and image optimisation</li> <li>Practical demonstration: example of NT showing quality control</li> </ul> | <i>Ultrasound in Obstetrics and Gynecology: A practical approach</i> [Chapter 4]    | 1 hour 25 minutes |
| <b>Fri</b>  | Lecture 8: Cervical assessment*<br>Lecture 9: The 6 steps approach  | <ul style="list-style-type: none"> <li>Live demonstration: Cervical assessment</li> <li>ISUOG "The 6 steps Approach"</li> </ul>  | <i>Ultrasound in Obstetrics and Gynecology: A Practical Approach</i> [Chapter 10]   | 1 hour 10 minutes |



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|------------|--|---|--|------------------------|
|            |  | <ul style="list-style-type: none"> <li>• The ISUOG Basic Training practical curriculum: how to teach and assess the Basic Training trainee</li> <li>• Practical Demo: The 6 step approach</li> <li>• Practical demonstration: Techniques for cervical assessment and examples (low lying placenta, funneling, cerclage, short, protrusion)</li> </ul> |  |                        |
|            | Multiple choice test   |   |  | 10 minutes             |
| <b>Sat</b> | Live webinar week 1: Basic Training's Basics of Scanning [12:00 GMT] |   |  | 3 hours and 30 minutes |