



ISUOG Basic Training

Theoretical curriculum

- Lecture 1:** Physical principles of ultrasound including safety
- Lecture 2:** Transducers, image production, knobology & scanning planes TA & TV
- Lecture 3:** The principles of Doppler ultrasound*
- Lecture 4:** Quality control processes for operators & programmes*
- Lecture 5:** Informed consent, image recording and report writing
- Lecture 6:** Assessing the normal pregnancy between 4 and 10 weeks in singleton and twin pregnancies
- Lecture 7:** Assessing the normal pregnancy between 10 and 14 weeks in singleton and twin pregnancies
- Lecture 8:** Cervical assessment*
- Lecture 9:** The 6 steps approach
- Lecture 10:** Fetal biometry – dating, assessing size and estimating fetal weight
- Lecture 11:** Assessing the placenta & amniotic fluid in singleton & twin pregnancies
- Lecture 12:** Distinguishing between normal and abnormal appearances of the fetal anatomy
- Lecture 13:** Distinguishing between normal and abnormal fetal size and growth
- Lecture 14:** Umbilical and uterine artery Doppler studies*
- Lecture 15:** The 20 + 2 planes approach to the routine mid trimester scan
- Lecture 16:** Evaluating fetal anatomy from longitudinal sections
- Lecture 17:** Distinguishing between normal and abnormal appearances of the skull and brain
- Lecture 18:** Examining the upper lip, face and profile correctly
- Lecture 19:** Assessing the neck and chest
- Lecture 20:** Obtaining and interpreting heart views
- Lecture 21:** Examining the abdomen and anterior abdominal walls
- Lecture 22:** Distinguishing between normal and abnormal appearances of the urinary tract



Lecture 23: Distinguishing between normal & abnormal appearances of the long bones & extremities

Lecture 24: Making a decision, normal or not

Lecture 25: The basics of a gynaecological ultrasound (TA & TV) walkthrough

Lecture 26: Examining the uterus: cervix and endometrium

Lecture 27: Examining the uterus: myometrium

Lecture 28: Examining the ovaries and adnexae

Lecture 29: Typical ultrasound appearances of the most common pathologies in the adnexae

Lecture 30: Writing the gynecological ultrasound report

**Lecture not included in theoretical or practical assessments*