



An ISUOG Basic Training Course

Full Theoretical Program

Chairs: Titia Cohen-Overbeek and Sudarshan Suresh

In partnership with the Lotus Fetal Medicine Centre Erode

Day 1: Thursday 30th April

Time	Lectures	Speakers
8:30 – 9:00	Registration	
9:00 – 9:15	Inauguration	
9:15 – 9:30	Introduction of BT and ISUOG	Dr. Suresh
09:30 -9:45	Pre-course test	
9:50 – 10:20	Physical principles of ultrasound including safety	Dr. Suresh
10:20 – 10:50	Transducers, image production, knobology & scanning planes TA & TV	Dr. Cohen-Overbeek
10:50 – 11:05	Live demo 1 - Knobology	Dr. Suresh
11:05 – 11:15	Discussion	
11:15 – 11:45	Refreshment break	
11:45 – 12: 15	The 6 steps approach	Dr. Usha
12:15 – 12:45	Fetal biometry – dating, assessing size and estimating fetal weight	Dr. Cohen-Overbeek
12:45 – 13:00	Live demo 2 - Biometry	Dr. Usha
13:00 – 13:15	Discussion	
13:15 – 14:15	Lunch	
14:15 – 14:45	Assessing normal & abnormal findings between 10 and 14 weeks in singleton and twin pregnancies	Dr. Cohen-Overbeek
14:45 – 15:15	Distinguishing between normal and abnormal fetal size and growth	Dr. Suresh
15:15 – 15:45	Assessing the placenta & amniotic fluid in singleton & twin pregnancies	Dr. Usha
15:45 – 16:00	Live demo 3 – Afi & Placenta (III trimester)	Dr. Cohen-Overbeek
16:00 – 16:15	Discussion	
16:15 – 16:45	Post-course test	



Day 2: Friday 1st May

Time	Lectures	Speakers
8:30 – 8:45	Pre-course test	
8:45 – 9:30	The principles of Doppler ultrasound	Dr. Cohen-Overbeek
9:30 – 10:15	Umbilical and uterine artery Doppler studies	Dr. Sudharsan
10:15 – 10:30	Live demo 4 – Umbilical & Uterine Artery Doppler	Dr. Cohen-Overbeek
10:30 – 10:45	Discussion	
10:45 – 11:15	Refreshment break	
11:15 – 11:45	Informed consent, image recording and report writing	Dr. Suresh
11:45 – 12:15	Quality control processes for operators & programmes	Dr. Cohen-Overbeek
12:15 – 12:35	Cervical assessment	Dr. Usha
12:35 – 12:45	Live demo 5 - Cervical Assessment	Dr. Sudharsan
12:45 – 13:00	Discussion	
13:00 – 14:00	Lunch	
14:00 – 14:30	The 20 + 2 planes approach to the routine mid trimester scan	Dr. Suresh
14:30 – 15:00	Evaluating fetal anatomy from longitudinal sections	Dr. Sudharsan
15:00 – 15:30	Distinguishing between normal and abnormal appearances of the skull and brain	Dr. Cohen-Overbeek
15:30 – 16:00	Examining the upper lip, face and profile correctly	Dr. Sudharsan
16:00 – 16:15	Live demo 6 - Fetal Anatomy (II Trimester)	Dr. Suresh
16:15 – 16:30	Discussion	
16:30 – 17:00	Post-course test	



Day 3: Saturday 2nd May

Time	Lectures	Speakers
8:30 – 8:45	Pre-course test	
8:45 – 9:15	Assessing the neck and chest	Dr. Suresh
9:15 – 10:00	Obtaining and interpreting heart views	Dr. Cohen-Overbeek
10:00 – 10:30	Examining the abdomen and anterior abdominal walls	Dr. Andrew
10:30 – 10:45	Live demo 7 – Chest, 4 Chamber Heart, Abdomen	Dr. Suresh
10:45 – 11:00	Discussion	
11:00– 11:30	Refreshment break	
11:15 – 11:45	Distinguishing between normal and abnormal appearances of the urinary tract	Dr. Usha
11:45 – 12:15	Distinguishing between normal & abnormal appearances of the long bones & extremities	Dr. Andrew
12:15 – 12:35	Live demo 8 – Urinary Tract, Extremities, Transverse Sweep	Dr. Cohen-Overbeek
12:45 – 13:00	Discussion	
13:00 – 14:00	Lunch	
14:00 – 14:30	Distinguishing between normal and abnormal appearances of the fetal anatomy	Dr. Suresh
14:30 – 15:00	Making a decision, normal or not	Dr. Cohen-Overbeek
15:00 – 15:30	Quiz on normal and abnormal images	
15:30 – 15:45	Discussion	
15:45 – 16:15	Post-course test	



Day 4: Sunday 3rd May

Time	Lectures	Speakers
8:30 – 8:45	Pre-course test	
8:45 – 9:25	The basics of a gynaecological ultrasound (TA & TV) walkthrough	Dr. Nithyakalyani
9:25 – 9:55	Examining the uterus: cervix and endometrium	Dr. Usha
9:55 – 10:25	Examining the uterus: myometrium	Dr. Nithyakalyani
10:25 – 10:40	Live demo 9 – Normal Gynecological Scan	Dr. Nithyakalyani
10:40 – 10:55	Discussion	
10:55 – 11:25	Refreshment break	
11:25 – 11:55	Examining the ovaries and adnexae	Dr. Sibal
11:55 – 12:40	Typical ultrasound appearances of the most common pathologies in the adnexae	Dr. Sibal
12:40 – 12:55	Discussion	
12:55 – 13:55	Lunch	
13:55 – 14:40	Assessing normal & abnormal findings between 4 and 10 weeks in singleton and twin pregnancies	Dr. Usha
14:40 – 15:10	Writing the gynecological ultrasound report	Dr. Sibal
15:10 – 15:25	Discussion	
15:25 – 15:55	Post-course test	
15:55 – 16:25	Closing ceremony	