



GYNAECOLOGY ULTRASOUND WORKSHOP

Purpose

To introduce the delegate to a systematic protocol for the detailed ultrasound examination of the pelvic structures of the non-pregnant female patient. The production of high quality images will allow for the recognition of normal and abnormal ultrasound appearances which, in turn, aids in determining optimal patient management

Topics covered

- Ultrasound physics
- Interactions of ultrasound and tissue
- Transducers
- Machine controls and correct set up
- Artefacts
- Ultrasound safety
- Terminology
- Transducer movements
- Transducer orientation
- Image orientation
- Anatomy & Physiology review
- Normal ultrasound appearances of the menstrual cycle
- Pelvic scanning; measurements & U/S appearances
- Ultrasound appearances of the ovary and endometrium on contraceptives
- Ultrasound appearances of the endometrium on Tamoxifen
- Ultrasound appearances and image interpretation of abnormal cervix, uterus, myometrium, endometrium, tubes, adnexa & ovaries.

Programme

DATE	TIME	ACTIVITY	PRESENTER
<u>Friday</u>	12:15 – 12:45	Registration & light lunch	
	12:45 – 15:00	Physics Introduction to ultrasound terminology & orientation	Sue Olsson
	15:00 – 15:15	Tea	
	15:15 – 16:30	A systematic approach to gynaecological scanning	Sue Olsson
<u>Saturday</u>	08:30 – 10:30	Gynaecology Part 1	Barbara van Dyk
	10:30 – 10:45	Tea	
	10:45 – 13:00	Gynaecology Part 2	Barbara van Dyk
	13:00 – 13:45	Lunch	
	13:45 – 14:45	Practical 1	Sonographers
	14:45 – 15:15	Tea	
	15:15 - 16:30	Practical 2	Sonographers
<u>Sunday</u>	08:30 – 10:30	Practical 3	Sonographers
	10:30 – 11:00	Tea	
	11:00 – 13:00	Practical 4	Sonographers
	13:00 – 13:45	Lunch	
	14:00 – 16:00	Practical 5	Sonographers