

Time	Topic	Speakers
10	Introduction and know your machine	Alison Hainsworth
10	Pelvic floor anatomy	Alexis Schizas
15	When to perform integrated total pelvic floor ultrasound	Linda Ferrari
15	How to perform integrated total pelvic floor ultrasound	Alison Hainsworth
40	Interactive workstations - Small groups with ultrasound workstations – the interpretation of normal and pathological scans	Alison Hainsworth Alexis Schizas Linda Ferrari Karina Cuinas
45	Interactive workstations - Small groups with ultrasound workstations – the interpretation of normal and pathological scans	Alison Hainsworth Alexis Schizas Linda Ferrari Karina Cuinas
5	The report: drawing the images together	Alexis Schizas
10	Questions	All

### **Aims of Workshop**

The aim is to learn how to perform and interpret integrated total pelvic floor ultrasound (transperineal, transvaginal, endovaginal) as part of your assessment of pelvic floor dysfunction. This tool is used in clinic to detect anatomical (rectocele, enterocele, intussusception, cystocele, bladder neck descent, uterine descent) and functional (dyssynergy, poor propulsive effort) abnormalities. You will know how to perform integrated total pelvic floor ultrasound and understand normal and pathological findings. This hands-on workshop allows you to practice image interpretation so that you can begin to use ultrasound in your clinical practice.

### **Learning Objectives**

Understand how to perform integrated total pelvic floor ultrasound (transperineal, transvaginal and endovaginal).

### **Target Audience**

Bowel Dysfunction

### **Advanced/Basic**

Advanced

### **Suggested Learning before Workshop Attendance**

- BK Medical: Guide to Multicompartmental Pelvic Floor Scanning - Total pelvic floor ultrasound for pelvic floor defaecatory dysfunction: a pictorial review. Hainsworth AJ, Solanki D, Schizas AM, Williams AB. Br J Radiol. 2015;88(1055):20150494. doi: 10.1259/bjr.20150494. Review. - The Dynamic Transperineal Ultrasound Era of the Evaluation of Obstructed Defecation Syndrome. Dis Colon Rectum. 2016 Aug;59(8):800-3. Martellucci J, Bruscianno L. - Integrated total pelvic floor ultrasound in pelvic floor defaecatory dysfunction. Hainsworth AJ, Solanki D, Hamad A, Morris SJ, Schizas AM, Williams AB. Colorectal Dis. 2017 Jan;19(1):O54-O65. doi: 10.1111/codi.13568. - Accuracy of integrated total pelvic floor ultrasound compared to defaecatory MRI in females with pelvic floor defaecatory dysfunction. Br J Radiol. 2016 Dec;89(1068):20160522. Hainsworth AJ, Pilkington SA, Grierson C, Rutherford E, Schizas AM, Nugent KP, Williams AB. - State of the art: an integrated approach to pelvic floor ultrasonography. Ultrasound Obstet Gynecol. 2011 Apr;37(4):381-96. doi: 10.1002/uog.8816. Santoro GA1, Wieczorek AP, Dietz HP, Mellgren A, Sultan AH, Shobeiri SA, Stankiewicz A, Bartram C. - Pelvic floor disorders: role of new ultrasonographic techniques. World J Urol. 2011 Oct;29(5):615-23. doi: 10.1007/s00345-011-0708-x. Wieczorek AP, Stankiewicz A, Santoro GA, Wozniak MM, Bogusiewicz M, Rechberger T. PMID:21671056 - Perineal body anatomy seen by three-dimensional endovaginal ultrasound of asymptomatic nulliparae. Colorectal Dis. 2016 Apr;18(4):400-9. doi: 10.1111/codi.13119. PMID: 26382090. Santoro GA, Shobeiri SA, Petros PP, Zapater P, Wieczorek AP. - Translabial ultrasound in the assessment of pelvic floor and anorectal function in women with defaecatory disorders. Tech Coloproctol. 2014 May;18(5):481-94. doi: 10.1007/s10151-013-1117-5. Epub 2014 Feb 11. Dietz HP1. - Interrater reliability of assessing levator ani deficiency with 360° 3D endovaginal ultrasound. Int Urogynecol J. 2014 Jun;25(6):761-6. doi: 10.1007/s00192-013-2286-5. Epub 2013 Dec 13. Rostaminia G1, Manonai J, Leclair E, Omoumi F, Marchiorlatti M, Quiroz LH, Shobeiri SA. - Accuracy of Four Imaging Techniques for Diagnosis of Posterior Pelvic Floor Disorders. Obstet Gynecol. 2017 Nov;130(5):1017-1024. doi: 10.1097/AOG.0000000000002245. van Gruting IMA1, Stankiewicz A, Kluivers K, De Bin R, Blake H, Sultan AH, Thakar R.