

Day 1 Monday 7th May 2018 “UTERUS”

Sonography of Uterus & benign lesions:

Lecture

Normal uterus optimization, drawbacks, artefacts, 2D / 3D / Doppler - basic lecture/s

Questions

Live US scanning

Demonstration of normal uterus 2D and 3D and acquired benign pathologies

Lecture

Uterine acquired benign pathologies: TVS, 2D, 3D and SHG

Questions

Live US scanning

Demonstration of some acquired benign pathologies (2-3cases one with SHG)

On simulator

and Computer exercise on how to perform the TVS examination and how to work on 3D volumes and to obtain correctly a coronal section

Following cases will be used:

Endometrial cavity and endometrium | Endometrial polyps | Hyperplasia | Endometrial subtle lesions | Sub endometrial cysts / adenomyoma etc. IUD | Junctional zone pathologies | Myometrium | Myoma | Adenomyoma | Adenomyosis

Fallopian Tube:

Lecture:

TVS of tubal pathology and assessment of tubal patency

Live US scanning

Demonstration of 2D-3D HyCoSy

Congenital uterine pathologies:

Lecture:

New Classification on Congenital uterine anomalies

Live US scanning

Demonstration of congenital uterine anomalies and the comprehensiveness of the new classification

On simulator and Computer exercise on how to perform the TVS examination and how to work on 3D volumes and to obtain the perfect image of uterine anomalies and accurate measurements. How to work on 3D volumes acquired during HyCoSy

Following cases were used:

Septated uterus | Bicornuate uterus | T-shape uterus | Infantile uterus | Unicornuate | Cervical and vaginal anomalies | MRKH Syndrome | HyCoSy

Day 2: Tuesday 8th May 2018 “ADNEXA”

Surgery and Ultrasound:

Lecture

The role of sonography during diagnostic and operative hysteroscopy

Live US scanning

before and during operative hysteroscopy: demonstration of TVS in the operating room.

Following cases will be used: endometrial polyps, submucosal fibroids, septate uterus, adenomyosis of the JZ.

Sonography of the adnexa and benign lesions:

Lecture:

Ovary and tube, normal ovarian function. Physiology and regular cyclic changes

Live US scanning

demonstration of normal ovaries and PCO

Lecture

IOTA system

Live US scanning

demonstration of some ovarian cysts (2-3 cases)

On simulator and Computer exercise on how to perform the TVS examination to obtain a perfect image of the ovary. How to evaluate an ovarian cyst with 2D, 3D and colour or power Doppler.

IOTA QUIZ

on Image and Videos:

IOTA classification applications and pattern recognition.

Following cases will be analysed:

Normal ovarian functions and variants

Follicular changes
Corpus luteum
PCO
Ovary in perimenopausal women
Ovary in menopause

Acquired benign pathologies

Ovarian cysts simple / functional
Dermoid cysts
Endometrioma
Ovarian torsion

Malignant pathologies

Ovarian cancer

Day 3: Wednesday 9th May 2018 “Test”

Quiz test on image and questions

The candidate should perform 3 practical tests:

1. Simulator with tutor observation
2. Elaboration of a 3D volume on computer or ultrasound machine
3. On Medaphor with machine testing

Evaluation of the test

This programme is still subject to change. The order of the presentations during each day is subject to change due to patients' US live demonstrations.