- PROGRAMME -

ULTRASOUND IMAGING, BIOMETRY and IOL CALCULATION

March 25th, 2017

Invited speakers: Dr Michel Puech - Dr Maté Streho - Dr Mickaël Sellam - Dr François Perrenoud - Dr Peter Good (uk)

Ultrasound and UBM theoretical basis
- Probes, frequencies, techniques
- Ultrasound examination

Posterior pole Imaging
- 10 and 20 Mhz probes
- Vitreo-retinal relationships
- Trauma
- Tumors

Echo doppler

Wetlabs with main devices (small groups)
To learn and improve the examination basis in ultrasound imaging and UBM, optical and ultrasound biometers

UBM
- Basis of ultrasound examination
- Glaucoma and UBM
- Tumors and UBM
- IOL and UBM
- Refractive Surgery and UBM

Optical and Ultrasound Biometry
- Keratometry: the measurement devices
- Optical and ultrasound biometers
- Role of B-mode biometry

IOL calculation
- Formulas
- A-constants
- IOL Calculation after refractive surgery

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