



**- PROGRAMME -**

**ULTRASOUND IMAGING, BIOMETRY and IOL CALCULATION**

**March 25<sup>th</sup>, 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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