



## **International Master class** **Cataract refractive surgery**

05-06 July, 2024  
UIR – Rabat (Morocco)

In collaboration with CHU Kasr El Aini (Egypt) – CHU Nabel (Tunisia)

pre-program

### **\*Session. 1\*: Basics in phacoemulsification - 4 hours**

- **Preoperative cataract assessment**
  - History taking
  - Chair time
  - Ocular surface
  - Biometry
  - ...
- **Basics of phacomachine .**
  - Fluidics (venturi vs peristaltic)
  - US (pulse, burs , continuous...)
- **IOL in cataract surgery : according to**
  - Optical principal :monofocal/bifocal/trifocal
  - Material : Hydrophobic vs Hydrophilic
  - Design :Single piece vs multi piece
  - Spherical Aberration:Spherical vs Aspherical
- **Viscoelastics in cataract surgery**

### **\*Session 2\*Phaco stepwise procedure - 4 hours**

- **Step by step cataract surgery (uneventful case)**
  - Anesthesia
  - Incision
  - CCCrhesis
  - Hydroprocedures
    - Hydrodissection

- Hydrodelineation
  - Nucleus management (.....)
    - Divide and conquer
    - Stop and chop
    - Horizontal chop
    - Carrousel
    - Vertical chop ...
  - Cortex removal : Coaxial /bimanual
  - Implantation,
  - Viscorevomal,
  - Hydration of wounds /sutures
  - *Post operative care*
- **Tips in particular cases : (just trics and tips and some topics can be removed)**
    - *Pediatic cataract*
    - *Traumatic cataract*
    - *Cataract in diabetic patient*
    - *Cataract and glaucoma*
    - *Cataract in keratoconus*
    - *Uveitic cataract*
    - *Subluxated cataract*
    - *Secondary implantation*
    - *IOL Exchange*
    - *Cataract afterphakic IOL*
    - *Cataract after Laser refractive surgery*

### **\*Session 3\*Prevention and management of complications – 4 hours**

- **Anesthesia complications**
- **Intraoperative complication**
  - Bad incision
  - Complications during rhexsis and their management
  - Iris hernia, Ragged iris
  - Posterior Capsular rupture
  - Zonular disinsertion
  - Falling fragments, nucleus or implant into the vitreous
  - Bleeding in AC
  - Descemet membraneDetachment
  - Wound burn
  - Expulsive hemorrhage
- **Post operative complications**
  - Endophthalmitis
  - Tass Sd
  - IrvinGasssd
  - Endothelialdecompensation

- Post capsule opacification PCO
- Dry eye and cataract surgery

### **\*Session 4\* : Premium cataract surgery - 4 hours**

- **Astigmatism management in cataract surgery (+/-)**
  - Surgical Induced Astigmatism
  - Toric IOL
  - Relaxing Limbal Incisions
- **Presbyopia management in cataract surgery**
  - Understanding Presbyopia
  - MONOVION
  - BIFOCAL IOL
  - TRIFOCAL IOL
  - EDOF
  - MIX AND MATCH

### **\* live surgery during lunch breaks\*\* - 2 hours by day - 4 hours**

-16 hours theoretical courses  
 -4 h surgical courses  
**-20 Hours in total**

### **Live surgery**

- White cataract
- Brunescant cataract
  - PEX
- High myopia
- High hyperopia
- Small pupille

### **Partner clinic**

- Clinique de la Vision de Rabat
  - Ophtalmoclinic Noor
- Clinique Nour D'Ophtalmologie Casablanca
  - Clinique De l'Œil Californie
  - Casablanca Eye Center

### **With the support of:**

- RESO
- Biomedical
- Thea

## **Speakers & Surgeons**

Alain Abenhaim - France  
Idriss Andaloussi Benatiya - Morocco  
George Alio - Spain  
Ashraf Armia - Egypt  
Tarik Baha - Morocco  
Omar Berbich - Morocco  
Mohammed Belmekki - Morocco  
Abdelkrim Boulanouar - Morocco  
Nouredine Boutimzine - Morocco  
Slim Chaabouni - Tunisia  
Mohamed Chahbi - Morocco  
Zakia El Arabi - Morocco  
Mouhcine El Bakkali - Morocco  
Safwan El Bayati - EAU  
Hamid El Moussaif - Morocco  
Hafssa Essafi - Morocco  
Zouheir Hafidi - Morocco  
Alain Hagège - France  
Safaa Jihad - Morocco  
Hasnaa Lamari - Morocco  
Abdelbar Oubaaz - Morocco  
Yahya Saleh Eldin - Egypt  
Otman Sandali - France  
Romain Stanislas - France  
Abderahmane Raiss - Morocco  
Rachid Tahiri - France  
Marie José Tassignon - Belgium  
Walid Zbiba - Tunisia  
Mohamed Zidi - Morocco