

Basic Phaco Course 2

(E-learning Course)

01/10/2021-01/10/2023

Speaker: Richard Packard MD DO FRCS FRCOphth FEBOS-CR

Duration 1H.+ 10' Self assessment

Scientific Programme

- a) Incisions and use of OVDs
- b) The basics of Capsulorhexis and Hydrodissection
- c) Managing the Nucleus and Epinucleus

(10' Self assessment)

Course Description

Second part of Basic Phaco Course. The attendees can learn more about what makes the perfect incision. Factors which may influence the execution of an incision, description of a variety of incision types and how to perform the best side port (paracentesis), as well as how to avoid leakage and distortion. Different blade configurations and materials. Introduction to OVDs, their physical properties and understanding when and how to use the different OVD options available during a cataract procedure. How to perform the ideal manual capsulorhexis: the related instruments, and how to use them for better results. Introduction to hydrodissection : basic, perils, pitfalls to avoid and solutions should they occur. Nucleus management and tips for success. Techniques and instruments for nucleus removal according to cataract grade or type. Minimizing Ultrasound energy dispersion to minimise tissue trauma.