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## Surgical Retina Course

**28-29 April 2022,  
ESASO Training Centre, Lugano (Switzerland)**

### Scientific coordinator

Mario Romano

### Lugano Faculty

Aman Chandra, Paolo Chelazzi, Stefano De Cillà, Enrico Peiretti, Pierre-Raphael Rothschild, Mario Romano

### Audience

This comprehensive program is targeted to young retinal specialists, but in general to all the retinal specialists, that face the everyday challenge of the diagnosis and the treatment of retinal diseases. From a panel of worldwide recognized experts, participants will obtain a full diagnostic and therapeutical in-depth education on retinal diseases together with invaluable personal advice that will enhance the application of the knowledge into everyday clinical practice.

### Goals

Upon completion of this Surgical retina course, attendees should be able to achieve the following overall program objectives:

- 1) Select the more appropriate surgical plan for single complex vitreoretinal pathologies
- 2) Apply advanced surgical techniques in their vitreoretinal surgical practice
- 3) Describe and use new vitreoretinal surgical instrumentations and technologies

In addition to the onsite program in Lugano, two further online sessions to continue the participants educational program will take place during the year on the ESASO eLos platform on the 26<sup>th</sup> May and 1<sup>st</sup> December.

Educational Programme supported by Bausch + Lomb

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## **28 April 2022** **Surgical approach to vitreoretinal interface**

09:00–09:15	Registration and welcoming	
09:15–10:00	Idiopathic epiretinal membranes <ul style="list-style-type: none"><li>- Intraretinal findings and classification</li><li>- Timing of surgery</li><li>- Surgical technique and intraoperative adjuvants</li><li>- Prognostic factors</li></ul>	Mario Romano
10:00 –10:30	Lamellar macular holes <ul style="list-style-type: none"><li>- Classification</li><li>- Clinical and structural findings</li><li>- Surgical management</li><li>- Prognostic factors</li></ul>	Paolo Chelazzi
10:30 –11:00	<i>Coffee break</i>	
11:00 –11:45	Diabetic epiretinal membranes <ul style="list-style-type: none"><li>- Preoperative assessment</li><li>- Pros and cons of concomitant ILM peeling</li><li>- Prognostic factors</li></ul>	Mario Romano
11:45 –12:30	Surgical approach to vitreoretinal interface in myopic patients <ul style="list-style-type: none"><li>- Vitreoretinal interface in highly myopic patients</li><li>- Myopic Traction Maculopathy classification</li><li>- The role of vitrectomy</li><li>- Intraoperative management of ILM</li><li>- The role of macular buckling</li></ul>	Paolo Chelazzi
12:30 –13:00	Case presentations, panel discussion + Q&A Session	Mario Romano
13:00 -14:00	<i>Lunch break</i>	
14:00 –17:30	Wet-Lab <i>vitrectomy, management of the vitrectomy system parameters, lensectomy, vitreous staining, VR interface staining and peeling, induction of retinal tears, vitrectomy with detached retina, indented vitreous base trimming, fluid/air exchange / Video session</i>	Mario Romano Paolo Chelazzi

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**29 April 2022**  
**Up to date on rhegmatogenous retinal detachment surgery**

09:00–09:45	Preoperative assessment and surgical planning for retinal detachment repair <ul style="list-style-type: none"><li>- Preoperative clinical findings</li><li>- Retinal detachment findings</li><li>- Assessment of macular status</li><li>- Timing of surgery</li><li>- Criteria of choice among different surgical techniques</li></ul>	Aman Chandra
09:30–10:00	Scleral buckle: beyond simple retinal detachment repair <ul style="list-style-type: none"><li>- Indications</li><li>- Types of scleral buckle</li><li>- The role of encircling band/sponge</li><li>- Surgical technique</li><li>- Anatomical and functional outcomes</li><li>- Scleral buckle vs vitrectomy vs pneumatic retinopexy</li></ul>	Stefano De Cilla
10:00 –10:30	Managing Idiopathic or secondary subretinal/submacular haemorrhage	Pierre-Raphael Rothschild
10:30 –11:00	<i>Coffee break</i>	
11:00 –11:45	Tips & tricks, and advantages of small-gauge pars plana vitrectomy in retinal detachment repair <ul style="list-style-type: none"><li>- Fluidics in small-gauge vitrectomy</li><li>- Feasibility of surgical manoeuvres with small-gauge instrumentation</li><li>- Outcomes</li></ul>	Enrico Peiretti
11:45–12:30	Intraocular tamponade agents <ul style="list-style-type: none"><li>- Physicochemical properties</li><li>- Surgical use</li><li>- Gas versus silicone oil</li><li>- Potential complications</li><li>- Safety profile</li></ul>	Aman Chandra
12:30–13:00	Case presentations, panel discussion + Q&A Session	Aman Chandra, Enrico Peiretti
13:00 -14:00	<i>Lunch break</i>	
14:00-14:45	Structural findings before and after retinal detachment surgery <ul style="list-style-type: none"><li>- pre and post-operative OCT findings</li><li>- pre and post-operative OCT-A findings</li><li>- prognostic factors</li></ul>	Pierre-Raphael Rothschild

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14:45-15:30	Inferior retinal detachment repair <ul style="list-style-type: none"><li>- Clinical findings of inferior retinal detachment</li><li>- Phakic vs pseudophakic retinal detachment</li><li>- Scleral buckle vs vitrectomy vs combined scleral buckle and vitrectomy</li><li>- Intraocular tamponade</li></ul>	Enrico Peiretti
15:30-16:00	Additional encircling band versus retinectomy in retinal detachment with proliferative vitreoretinopathy <ul style="list-style-type: none"><li>- Rationale</li><li>- Classification of proliferative vitreoretinopathy</li><li>- Pros and cons of additional encircling band</li><li>- Pros and cons of retinectomy</li><li>- Intraoperative use of PFCL</li><li>- Intraocular tamponade</li><li>- Anatomical and functional outcomes</li></ul>	Pierre-Raphael Rothschild
16:00 -16:15	Certificate and Farewell	

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