HOSPITAL DA LUZ
LEARNING HEALTH
TRAINING, RESEARCH & INNOVATION CENTER

Surgical Simulation Courses
Vitreoretinal Surgical Basic Course

8th and 9th April, 2022

Hospital da Luz Lisboa auditorium

Hospital da Luz Learning Health – Training, Research and Innovation Center

Programme

1st day
Hospital da Luz Lisboa auditorium

17h00 Registration

17h30 **Opening ceremony**

Conferences

17h40 **Dynamics (vitrectomos) and fluidics**
Mário Ramalho

18h00 **Tamponade in surgical management**
Susana Teixeira

18h20 **Vitreous dyes and retinal structures (ILM)**
Mara Ferreira

18h40 **Basic rules of retinal detachment surgery**
Pedro Carreira

19h00 **Discussion**

19h10 End of 1st day

Direction:
Filomena Ribeiro (PhD, Oftalmologia, Hospital da Luz Lisboa)
Organizing committee:
Rita Gama (MD, Oftalmologia, Hospital da Luz Lisboa)

Scientific sponsor:

SOCIEDADE PORTUGUESA OFTALMOLOGIA

Sponsors:

Johnson&Johnson VISION   **NOVARTIS**   **ZEISS**

2nd day
Hospital da Luz Learning Health – Training, Research and Innovation Center

Conference

08h00 **Basic rules of vitrectomy**
João Nascimento

Simultaneous practical course with group rotation | 08h20 - 17h40

10h20 - Coffee break | **12h40** - Lunch

Simulator | Mário Ramalho | Mara Ferreira
This course uses abstract scenarios to train basic surgical skills, such as instrument navigation in the vitreous and proper OR machine settings. Trainees will also learn to visualize the vitreous through efficient use of microscope and light source. Different steps of vitreoretinal surgery will be trained separately; following abstract instrument handling tasks, trainees will practice rst steps in peeling and removing membranes in a simulated surgical environment. Refines already acquired surgery skills by training multi-step vitreoretinal procedures under increasingly demanding conditions, such as treatment of retinal detachment.

Steps • Navigation and instruments
• Posterior hyaloid detachments
• Laser coagulation
• Epiretinal membranes
• The internal limiting membrane
• Retinal detachement

Wet-Lab | Susana Teixeira | Pedro Carreira
• Incisions, calibers and trocars
• Central and peripheral vitrectomy
• Exchange of udder and endotamponadores
• Surgical maneuvers on sclera

Ophthalmoscopy | Filomena Silva
• Principles
• Clinical cases

We inform the participants that there is a variety of different similar products that they can use beyond the ones provided at the event.

LUZ SAÚDE