



Surgical Simulation Courses

Basic Cataract Course

2nd and 3rd July, 2021

Hospital da Luz Learning Health - Centro de Formação,
Investigação e Inovação

Program

1st day

17h00 Registration

17h30 **Opening ceremony**

Conferences

17h40 **Phaco Fluidics for Dummies**

Cláudia Bacalhau

18h00 **Pearls for Capsulorhexis and Hydromaneuvers**

Paulo Kaku

18h20 **Pearls for Cracking & Chopping**

Bernardo Feijóo

18h40 **Recognize alert signals**

Paulo Guerra

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:

 **VISION**

 **Théa**
let's open our eyes

2nd day

Conference

08h00 **My tips and tricks for cataract surgery**

Filomena Ribeiro

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

10h20 - Coffee break | 12h40 - Lunch

Simulator

Peter Pêgo | Ana Souza e Silva

This course tier different steps of cataract surgery will be trained separately; following abstract instrument handling tasks, trainees will practice rst steps in capsulorhexis, lens segmentation and lens removal in a simulated surgical environment.

- Steps**
- Navigation and Instruments
 - Capsulorhexis
 - Hydrodissection and hydrodelineation
 - Stop and Chop
 - IOL Insertion

Wet-lab

Silvia Todo Bom | Paulo Guerra

- Corneal incisions
- Capsulorhexis
- Phacoemulsification
- IOL implant

Fluidics

Nuno Chang | Mafalda Mota

- Principles
- Balance, collapse and power test

Ophthalmoscopy

Rita Gama

- Principles
- Clinical cases