

2024

2nd EDITION

ELEC

EUROPEAN LIQUID EMBOLIC COURSE

Discover, learn and share on when, why,
and how to use liquid embolic agents

MARCH
21st TO 23rd
DIJON
FRANCE

FINAL
PROGRAM



*François-Mitterrand
University Hospital,
Dijon, France*

- Pre-course Vet Lab workshop
- Hands-on corner
- Educational live cases transmission
with european operators
- Current researches and perspectives

COURSE DIRECTOR:
Prof. Romaric LOFFROY

LOCAL ORGANIZATION:
Prof. Marco MIDULLA
Dr Olivier CHEVALLIER
Dr Amin MAZIT
Dr Nicolas FALVO

www.elec-ir.com



Why did we create this new course?

Liquid embolization is currently used more and more by interventional radiologists, out of neuro embolization. High embolic efficiency and good clinical results are the main strengths of liquid embolic agents.

However, liquid managements and practices are different and a bit more complex than using conventional coils or particles. That's why, we have conceived ELEC, European Liquid Embolic Course, an event to support all IRs willing to learn and develop these innovative techniques into their daily practice. Liquid embolics can generally be classified into 3 main groups, cyanoacrylates (glue), non-adhesive DMSO based embolics and sclerosants.

Despite their similarities, these products also demonstrate some big differences. Knowing the indications for use, chemical properties and clinical benefits, edges and

risks of these products are essential for a well-trained IR. This learning curve will be realized in collaboration with a European Faculty, through a 3-day course, featured by educational live cases transmissions from François Mitterrand University Hospital Dijon and case-based interactive discussions, tips&tricks from real life experience, hands-on sessions, short lectures on latest data and techniques, to allow all participants to get the expertise that IRs need in the management of liquid embolic agents.

We are happy to welcome you all in Dijon for the 2nd edition of the ELEC Course!



Prof. Romaric Loffroy,
Course Director

Thursday, **March 21st**

PROGRAM

13.45 INTRODUCTION
Romaric Loffroy

13.50 **LIQUID EMBOLIC AGENTS: TODAY'S OVERVIEW**

- Chair: Romaric Loffroy
15.30 Moderators: Geert Maleux & Pierre Goffette

LIVE CASE #1



Arterio-venous malformation

from CHU Dijon Bourgogne

Operators: Ian McCafferty & Marco Midulla



Sclerosing agents, Ricardo Garcia-Monaco

Copolymers, Bora Peynircioglu

Cyanoacrylates, Luc Defreyne

Ethiodized oil, Claus Christian Pieper

15.30 Coffee break & Exhibition visit

All live cases are performed in a cathlab equipped by **PHILIPS**

Thursday, **March 21st**

PROGRAM

16.00 FOREFRONT OF TOMORROW'S LIQUID EMBOLIC AGENTS

-

Chair: Bora Peynircioglu

18.30 Moderators: Clare Bent & Jafar Golzarian



LIVE CASE #2

Genicular Artery Embolization

from CHU Dijon Bourgogne

Operators: Marc Sapoval & Olivier Chevallier

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New products, on-going trials & perspectives

A word from a real scientist, Anne-Virginie Salsac

Obsidio & Blackswan, Jafar Golzarian

Squidperi & Fluidx, Romaric Loffroy

Sclerosants, Anna-Maria Ierardi

Cohesive agents, Hicham Kobeiter

Adhesive agents, José Urbano

Ethiodized oil, Geert Maleux

18.30 End of the day

Friday, **March 22nd**

PROGRAM

08.45 GET A GLIMPSE ON GLUE

-

Chair: Marc Sapoval

10.30 Moderators: Frédéric Clarençon & Federico Fontana

LIVE CASE #3



Pelvic Congestion Syndrome

from CHU Dijon Bourgogne

Operators: José Urbano & Marco Midulla



How would you treat a type 2 endoleak?

- Always endovascular first... Jafar Golzarian
- Always percutaneous first... Hicham Kobeiter

MY WORST CASE / MY BEST CASE WITH LIQUIDS, Frédéric Clarençon & Clare Bent

10.30 Coffee break & Exhibition visit

All live cases are performed in a cathlab equipped by **PHILIPS**

Friday, **March 22nd**

PROGRAM

11.00 GET A GLIMPSE ON COPOLYMER

-

Chair: Luc Defreyne

12.45 Moderators: Florian Wolf & Mohammad Badran



LIVE CASE #4

Emorrhoid

from CHU Dijon Bourgogne

Operators: Geert Maleux & Romaric Loffroy

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Engineering the extraordinary

May the debate start: READY SET GO!

PROS & CONS: Liquid embolization of aneurysms using balloon remodeling technique

- Pros: We have enough tools to do it safely! Frédéric Clarençon
- Cons: It's too risky and using coils is better! Pierre Goffette

MY WORST CASE / MY BEST CASE WITH LIQUIDS,

Ricardo Garcia Monaco & Claus Christian Pieper

12.45 Lunch break & Exhibition visit

Friday, **March 22nd**

PROGRAM

14.00 **FOCUS ON GASTROINTESTINAL BLEEDING PATIENTS**

-

Chair: Mohammad Badran

15.45 Moderators: Jafar Golzarian & Francesco Giurazza



LIVE CASE #5

cTACE

from CHU Dijon Bourgogne

Operators: Rafael Duran & Olivier Chevallier

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Which choice first for GI bleeding patients and why?

- Liquid embolics, Ian McCafferty
- Mechanical agents, Federico Fontana

MY WORST CASE / MY BEST CASE WITH LIQUIDS, Mohammad Badran & Marc Sapoval

15.45 Coffee break & Exhibition visit

All live cases are performed in a cathlab equipped by **PHILIPS**

Friday, **March 22nd**

PROGRAM

16.15 **WHAT ABOUT VASCULAR MALFORMATIONS**

-

Chair: Ricardo Garcia-Monaco

17.45 Moderators: Anna-Maria Ierardi & Romaric Loffroy

LIVE CASE #6



Lower limb varix

from CHU Dijon Bourgogne

Operators: Nicolas Falvo & Marco Midulla

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6 min to convince us!

- How do you optimize sclerotherapy for venous malformations? Ian McCafferty
- Which liquid is better for which arteriovenous malformation? Bora Peynircioglu

MY WORST CASE / MY BEST CASE WITH LIQUIDS, Luc Defreyne & Francesco Giurazza

17.45 End of the day

Saturday, **March 23rd**

PROGRAM

09.15 **LIGHT ON PROSTATIC EMBOLIZATION**

-

Chair: Geert Maleux

11.00 Moderators: José Urbano & Pierre Goffette



LIVE CASE #7

Prostatic artery embolization

from CHU Dijon Bourgogne

Operators: Clare Bent & Romaric Loffroy



May the debate start: READY SET GO!

Liquids for prostatic artery embolization?

- Pros: It is relevant... Francesco Giurazza & Romaric Loffroy
- Cons: It makes no sense... Florian Wolf

MY WORST CASE / MY BEST CASE WITH LIQUIDS, Olivier Chevallier & Pierre Goffette

11.00 Coffee break & Exhibition visit

All live cases are performed in a cathlab equipped by **PHILIPS**

Saturday, **March 23rd**

PROGRAM

11.30 CUTTING EDGE PERSPECTIVES

-

Chair: Hicham Kobeiter

12.40 Moderators: Rafael Duran & Ian McCafferty

LIVE CASE #8



Varicocele

from CHU Dijon Bourgogne

Operators: Anna-Maria Ierardi & Marco Midulla

Perspectives for HCC treatment?

- Return to Lipiodol TACE? Olivier Chevallier
- Towards DEB-TACE or TARE? Rafael Duran

12.40 CLOSING REMARKS

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