

2021

1<sup>ST</sup> EDITION

ELEC

EUROPEAN LIQUID EMBOLIC COURSE

MARCH  
11<sup>TH</sup>-13<sup>TH</sup>  
DIJON  
FRANCE

PRELIMINARY  
PROGRAM

COURSE DIRECTOR:  
Prof. Romaric LOFFROY

CO-DIRECTOR:  
Prof. Marco MIDULLA

*François-Mitterrand University  
Hospital, Dijon, France*

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

Educational live cases transmission with european operators

Hands-on corner - Current researches and perspectives

[WWW.ELEC-IR.COM](http://WWW.ELEC-IR.COM)



# Why did we create this new course?

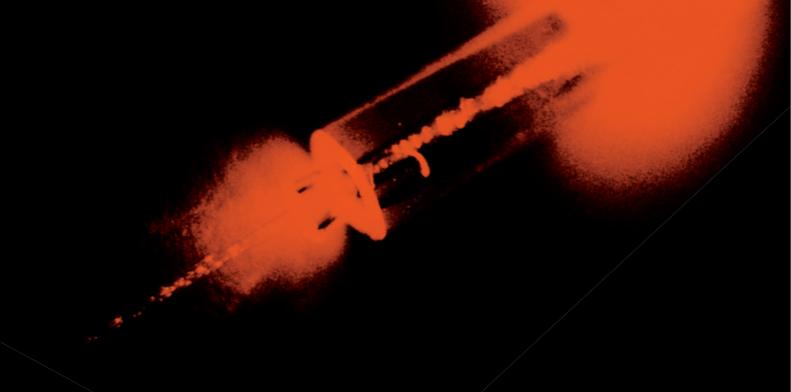
Liquid embolization is currently used more and more by interventional radiologists, out of neuro embolization. High embolic efficiency and good clinical results are the main strengths of liquid embolic agents. However, liquid managements and practices are different and a bit more complex than using conventional coils or particles. That's why, we have conceived ELEC, European Liquid Embolic Course, an annual event to support all IR willing to learn and develop this innovative techniques into their daily practice.

Liquid embolics can generally be classified into 3 main groups, cyanoacrylate(glue), non-adhesive DMSO based embolics and sclerosants-foams. Despite their similarities, these products demonstrate also some big differences. DMSO based embolics include

ethylene-vinyl-alcohol-copolymer(EVOH), N-phenylamide-modified methyl methacrylate/acrylic acid copolymer and Iodinated polyvinyl alcohol polymer ether. Sclerosants include alcohol, polidocanol, sotradecol and doxycycline that can be applied pure, mixed with contrast or in foam.

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 IR need in the management of liquid embolic agents.

We truly hope this 1<sup>st</sup> Edition of ELEC will meet all of your expectations, and we look forward to meeting you in Dijon in March 2021!



Prof. Romaric Loffroy,  
Course Director



Prof. Marco Midulla,  
Co-Director

**Sharing experience**  
on your liquid embolization practice

**Get trained on techniques & tools**  
for liquid embolics applications

**Discover the perspectives  
of development** of liquid embolics  
pointing out the future directions

**Studying the edges & risk**  
of liquid embolics

**Enhance your expertise**  
in the use of liquid embolic agents



**Learning**  
objectives

## SCIENTIFIC COMMITTEE

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Vincent VIDAL,  
*La Timone Hospital, Marseille, France*

# Thursday, March 11<sup>th</sup>

14.15 Welcome/Introduction

## 14.30 SESSION 1 LIQUID EMBOLIC AGENTS OVERVIEW

14.30 Cyanoacrylates: properties & indications

14.40 Tips & tricks for use

14.50 Copolymers: properties & indications

15.00 Tips & tricks for use

15.10 Sclerosants & alcohol: properties & indications

15.20 Tips & tricks for use

15.30 Thiodized oil: properties & indications

15.40 Tips & tricks for use

15.50 Liquid embolics: daily practice overview

16.00 Coffee break

## 16.30 SESSION 2

16.30 LIVE CASE #1  
Embolization using cyanoacrylates

17.00 “5 minutes to convince”  
(audience voting)

17.30 My worst case / My best case

18.00 Closing remarks



# SCIENTIFIC COMMITTEE & FACULTY

# PRELIMINARY PROGRAM

**08.30 SESSION 3**

**08.30 LIVE CASE #2**  
Embolization using DMSO-based liquids

09.00 "5 minutes to convince"  
(audience voting)

10.00 My worst case / My best case

10.30 Coffee break

**11.00 SESSION 4**

**11.00 LIVE CASE #3**  
Embolization using glue

12.00 "5 minutes to convince"  
(audience voting)

12.30 My worst case / My best case

13.00 Lunch break

**14.00 SESSION 5**

**14.00 LIVE CASE #4**  
Embolization using copolymers

14.30 "5 minutes to convince"  
(audience voting)

15.15 My worst case / My best case

15.45 Coffee break

**16.15 SESSION 6**

**16.15 LIVE CASE #5**  
Embolization using ethiodized oil

16.45 "5 minutes to convince"  
(audience voting)

17.30 My worst case / My best case

18.00 Closing remarks

**08.45 SESSION 7**

**08.45 LIVE CASE #6**  
Embolization using sclerosants

09.30 "5 minutes to convince"  
(audience voting)

10.15 My worst case / My best case

10.30 Coffee break

**11.00 SESSION 1**

**NEWS & OUTLOOK**

11.00 On-going clinical & experimental studies

11.20 Current researches  
& perspectives: round table

12.30 Glimpse on live cases' patients

12.45 Summary & take home messages

13.00 Lunch break & closing remarks

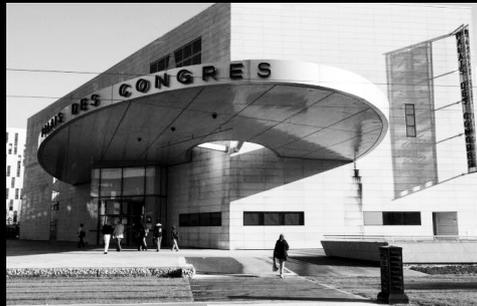
## COURSE VENUE

### Dijon Exhibition & Convention Centre

Centre Clemenceau - 3, Bd de Champagne

21078 Dijon Cedex - France

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