

# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021

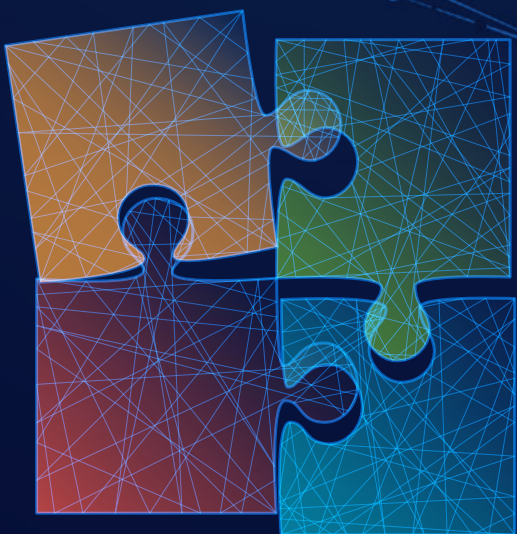


**APRIL 10** PART I:  
**VENTRICULAR AND  
PERIVENTRICULAR ZONE**

**MAY 15** PART II:  
**MIDLINE ANOMALIES**

**JUNE 19** PART III:  
**POSTERIOR FOSSA ANOMALIES**

**JULY 3** PART IV:  
**CORTICAL ANOMALIES**



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# ADVANCED FETAL NEUROLOGY

## ONLINE TRAINING 2021

Central nervous system malformations are among the most common structural anomalies diagnosed on prenatal ultrasound. With leading experts from around the world, this online training in advanced fetal neurology will focus on theoretical and practical aspects on the diagnosis and management of brain anomalies.

The course is designed for fetal-medicine specialists, radiologists and trainees with special interest in the field of fetal and perinatal neurology.

The course is composed by four different sessions, each focused on peculiar fetal brain anomalies and consisting in online lectures and live ultrasound hand-on.

Course material includes:

1. PART I: Ventricular and periventricular zone
2. PART II: Midline anomalies
3. PART III: Posterior fossa anomalies and supra-tentorial cystic lesions
4. PART IV: Cortical anomalies and fetal infections

### **Course objectives:**

- Identify the most common fetal central nervous system anomalies on ultrasound
- Describe the best imaging features for a variety of different neurologic lesions.
- Identify the tools and strategies that can be implemented to facilitate multi-disciplinary communication and correlation
- Describe the optimal prenatal management of fetal brain anomalies
- Describe the optimal type of follow-up of children with a prenatal diagnosis of fetal brain anomalies.

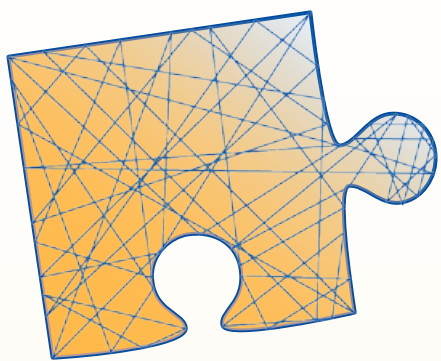
### **Course Coordinators:**

Prof. **Giuseppe Rizzo**, Tor Vergata University, Rome (Italy)

Dr. **Francesco D'Antonio**, G. D'Annunzio University, Chieti (Italy)

Dr. **Daniele Di Mascio**, Sapienza University, Rome (Italy)





# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021

PART I:

## VENTRICULAR AND PERIVENTRICULAR ZONE

SATURDAY **APRIL 10**

10:00 AM CET

- 10:00** Introduction to the "Advanced fetal neurology online training"  
**Giuseppe Rizzo - Francesco D'Antonio - Daniele Di Mascio**
- 10:10** Live scan: how to assess the ventricular and periventricular zone on ultrasound  
*from Chieti - G. D'Annunzio University (Italy)*
- 10:30** Ventriculomegaly: differential diagnosis, prenatal management and counselling  
**Aris Papageorgiou**, London (*United Kingdom*)
- 10:50** Anomalies of the periventricular zone  
**Gianluigi Pilu**, Bologna (*Italy*)
- 11:10** Magnetic resonance imaging in fetal ventriculomegaly: what adds to the prognosis  
**Gregor Kasprian**, Vienna (*Austria*)
- 11:30** General discussion
- 12:00** End of Part I

The session will be held as a webinar for a maximum of 500 attendees.

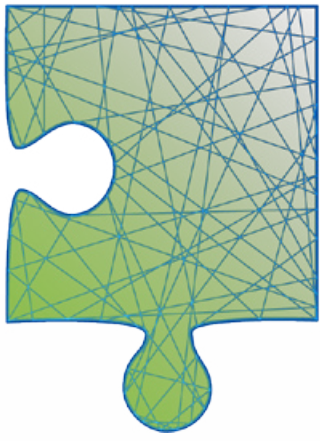
Register for free  
by clicking the button on the right.

Full information in the website:

[www.symposiacongressi.com/fetalneurology2021-Apr10](http://www.symposiacongressi.com/fetalneurology2021-Apr10)

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# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021

## PART II: **MIDLINE ANOMALIES**

**SATURDAY MAY 15**

10:00 AM CET

- 10:00** Introduction  
**Giuseppe Rizzo - Francesco D'Antonio - Daniele Di Mascio**
- 10:10** Live scan: how to assess the midline  
***from Parma - Parma University (Italy)***
- 10:30** Anomalies of the fetal corpus callosum  
**Tullio Ghi, Parma (Italy)**
- 10:50** Lack of visualization of the cavum septi pellucidi:  
differential diagnosis and prognosis  
**Gustavo Malinger, Tel Aviv (Israel)**
- 11:10** Magnetic resonance imaging in fetal midlines anomalies:  
what adds to the prognosis  
**Lucia Manganaro, Rome (Italy)**
- 11:30** General discussion
- 12:00** End of Part II

The session will be held as a webinar for a maximum of 500 attendees.

**Register for free**  
by clicking the button on the right.

Full information in the website:

[www.symposiacongressi.com/fetalneurology2021-May15](http://www.symposiacongressi.com/fetalneurology2021-May15)

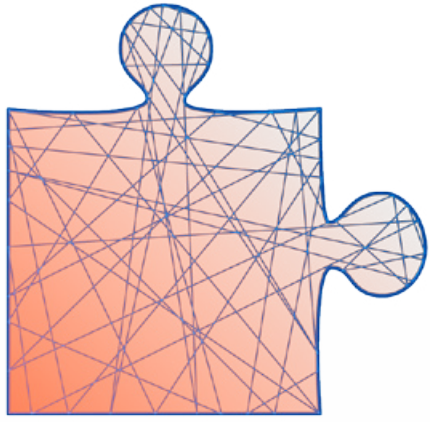
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WEBINAR







# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021

PART III:

## POSTERIOR FOSSA ANOMALIES

SATURDAY JUNE 19

10:00 AM CET

- 10:00** Introduction  
**Giuseppe Rizzo - Francesco D'Antonio - Daniele Di Mascio**
- 10:10** Live scan: normal anatomy of the posterior fossa use of 3D  
***from Rome - Tor Vergata University (Italy)***
- 10:30** Dandy walker malformation spectrum disorders  
**Waldo Sepulveda, Santiago (Chile)**
- 10:50** Increased cisterna magna fluid collection not related to DWM:  
differential diagnosis and prognosis  
**Francesco D'Antonio, Chieti (Italy)**
- 11:10** The role of 3D in the study of fetal CNS  
**Giuseppe Rizzo, Rome (Italy)**
- 11:30** General discussion
- 12:00** End of Part III

The session will be held as a webinar for a maximum of 500 attendees.

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by clicking the button on the right.

Full information in the website:

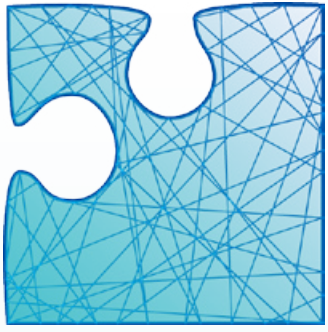
[www.symposiacongressi.com/fetalneurology2021-Jun19](http://www.symposiacongressi.com/fetalneurology2021-Jun19)

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WEBINAR





# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021

## PART IV: CORTICAL ANOMALIES

SATURDAY JULY 3

10:00 AM CET

- 10:00** Introduction  
**Giuseppe Rizzo - Francesco D'Antonio - Daniele Di Mascio**
- 10:10** Live scan: how to scan fetuses at risk of infection  
or cortical anomalies  
**from Rome - Sapienza University (Italy)**
- 10:30** Cortical anomalies  
**Ritsuko K. Pooh, Osaka (Japan)**
- 10:50** Congenital infection and fetal brain  
**Asma Khalil, London (United Kingdom)**
- 11:10** The ENSO project between past, present and future  
**Daniele di Mascio, Roma (Italy)**
- 11:40** General discussion
- 12:00** End of Part IV

The session will be held as a webinar for a  
maximum of 500 attendees.

**Register for free**  
by clicking the button on the right.

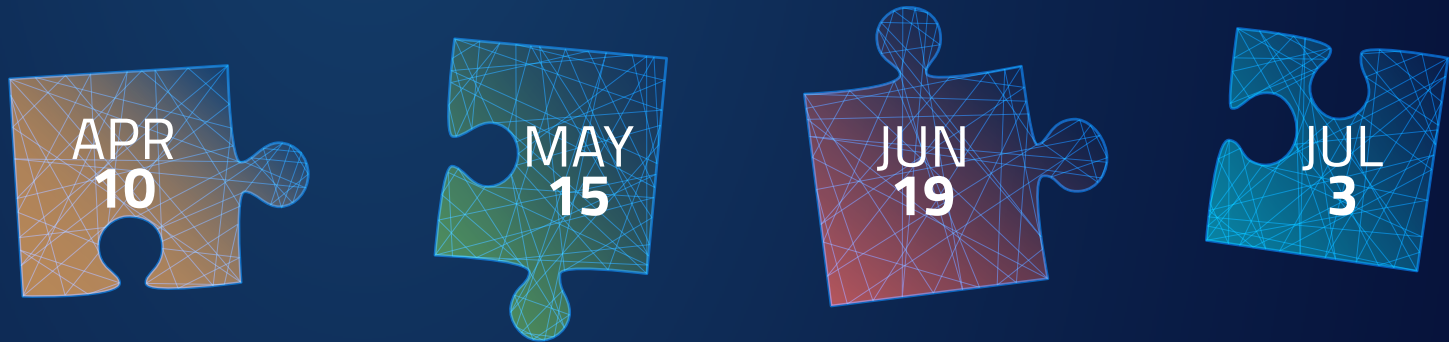
Full information on the website:

[www.symposiacongressi.com/fetalneurology2021-Jul3](http://www.symposiacongressi.com/fetalneurology2021-Jul3)

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# ADVANCED FETAL NEUROLOGY ONLINE TRAINING 2021



## FACULTY

**Francesco D'ANTONIO**, G. D'Annunzio University, Chieti (Italy)  
**Daniele DI MASCIO**, Sapienza University, Rome (Italy)  
**Tullio GHI**, University of Parma, Parma (Italy)  
**Gregor KASPRIAN**, Medical University of Vienna, Vienna (Austria)  
**Asma KHALIL**, St. George's University, London (United Kingdom)  
**Gustavo MALINGER**, University of Tel Aviv, Tel Aviv (Israel)  
**Lucia MANGANARO**, Sapienza University, Rome (Italy)  
**Aris PAPAGEORGHIU**, St. George's University, London (United Kingdom)  
**Gianluigi PILU**, University of Bologna, Bologna (Italy)  
**Ritsuko K. POOH**, Clinical Research Institute of Fetal Medicine PMC, Osaka (Japan)  
**Giuseppe RIZZO**, Tor Vergata University, Rome (Italy)  
**Waldo SEPULVEDA**, Maternal-Fetal Diagnostic Center, Santiago (Chile)

## GENERAL INFORMATION

The online training is intended as **a single course divided into four sessions**: each part focuses on a specific anatomic feature of the fetal brain.

While we recommend to attend the whole training programme, **each session is set as an independent webinar** you can register in for free by clicking on the REGISTER NOW button on the programme pages.

A **certificate of attendance** will be released for each session.

**English** is the official language.

## ORGANIZING SECRETARIAT

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ORGANIZZAZIONE CONGRESSI

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