

## COURSE TOPIC

Studies conducted in the last 20 years have shown that the assessment of the quality of spontaneous movement and especially of general movements (GM) is an early and reliable tool for the diagnosis and prognosis of neurological disorders in the fetus, newborn and infant. The purpose of the course is to provide a theoretical basis for this new approach developed by Prof. Heinz Prechtl and to train doctors and therapists on the use of this technique for clinical and research purposes. The course is mainly based video-projections of clinical material and practical exercises aimed at learning to evaluate infants with typical development and infants with brain injuries thanks to this technique. The course meets the standards specified by the GM Trust. Information on the method and published articles are available on the website [www.general-movements-trust.info/](http://www.general-movements-trust.info/)

## PROGRAM

The course will consist of some plenary lectures and many practical sessions in small groups led by a Tutor and with a maximum of 15/20 participants each. The plenary lessons will be held in English, with consecutive translation. The practical sessions, which are the main part of the course, will be in English or Italian, depending on the language chosen by the participants.

**The basic course** is limited to 80 participants and will consist of lectures, demonstrations and video discussions prepared by the teachers.

**The advanced course** is limited to 15 participants and will provide additional intensive training in judgment correction. This training will deal with the evaluation details, the correct terminology and technique as well as the application of the individual development trajectories. Participants are asked to bring their own video material (development trajectories of the selected GMs and good quality recordings). The time reserved for each participant to show their material will be agreed in advance with the tutor. All lectures will be in English.

Participation in the advanced course is reserved only for those who have successfully passed a GM Trust basic course.

At the end of the course, participants will undergo an assessment test.

## WHO SHOULD ATTEND

Medical specialists, neonatologists, physiotherapists, occupational therapists, registered nurses, and other professionals in the field of infant neurology.

## COSTS

Basic course: Euro 860 and Euro 390,00 (residents/students); Advanced course: Euro 960

## MEASURES TO CONTAIN SARS-CoV-2 PANDEMIC

At the moment, the course is only accessible to green pass holders, or to those who can show evidence of vaccination (2 doses), recovery from Covid or a negative rapid or molecular Covid test within 48 hours from the beginning of the course. Any changes to these measures will be communicated to all registered participants by email.

**In all cases, a full reimbursement of the registration will be provided for cancellations communicated via email up to 1 week before the start of the course.**



IRCCS FONDAZIONE STELLA  
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## Prechtl's Method of the Qualitative Assessment of General Movements

Basic and Advanced Course | 6-9 September 2021

Scientific Chair: Giovanni CIONI and Andrea GUZZETTA

### Where

Auditorium "Virgo Fidelis"  
IRCCS Stella Maris,  
Viale del Tirreno 341 a/b/c,  
56128 Calambrone, Pisa – Italia



### Contacts, Info & Registration

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**BASIC COURSE****Monday September 6**

- 9:00 Welcome and Introduction.
- 9:15 When, How, and Perhaps Why Do We Start to Move? (Giovanni Cioni)
- 10:30 [Coffee Break](#)
- 11:00 Normal Preterm and Writhing General Movements (Fabrizio Ferrari)
- 12:30 [Lunch](#)
- 13:30 Poor Repertoire GMs (Demonstration and Practice)
- 15:00 [Coffee Break](#)
- 15:30 Normal and Poor Repertoire GMs (Practice)
- 17:00 [End of Session](#)

**Tuesday September 7**

- 9:00 Cramped-Synchronized and Chaotic GMs (Vittorio Belmonti)
- 10:30 [Coffee Break](#)
- 11:00 Individual Developmental Trajectories during Writhing (Practice)
- 12:30 [Lunch](#)
- 13:30 Normal Fidgety Movements (Andrea Guzzetta)
- 15:00 [Coffee Break](#)
- 15:30 Normal and Absent Fidgety Movements (Laura Lucaccioni)
- 17:00 [End of Session](#)

**Wednesday September 8**

- 9:00 Abnormal Fidgety Movements (Colleen Peyton)
- 10:30 [Coffee Break](#)
- 11:00 Normal, Abnormal and Absent Fidgety Movements (Practice)
- 12:30 [Lunch](#)
- 13:30 GMs at Different Ages (Practice)
- 15:00 [Coffee Break](#)
- 15:30 GMs at Different Ages (Practice)
- 16:15 To be defined (Lecture)
- 17:00 [End of Session](#)

**Thursday September 9**

- 9:00 GMs at Different Ages (Practice)
- 10:00 How to study GMs (Andrea Guzzetta)
- 10:30 [Coffee Break](#)
- 11:00 Warming up
- 11:45 Final Test
- 13:00 [End of Session](#)

**All classes will be held by GMs Trust Official Tutors**

**ADVANCED COURSE****Monday September 6**

- 9:00 Welcome
- 9:15 Fidgety movements and rationale for detailed scoring (Christa Einspieler)
- 10:30 [Coffee Break](#)
- 11:00 Detailed scoring of movements and postures at 3-5 months (Tutorial)
- 12:30 [Lunch](#)
- 13:30 Detailed scoring of movements and postures at 3-5 months (Tutorial)
- 15:00 [Coffee Break](#)
- 15:30 Detailed scoring of movements and postures at 3-5 months (Tutorial)
- 17:00 [End of Session](#)

**Tuesday September 7**

- 9:00 Motor Optimality Score (MOS); assessment of participant's recordings
- 10:30 [Coffee Break](#)
- 11:00 Motor Optimality Score (MOS); assessment of participant's recordings
- 12:30 [Lunch](#)
- 13:30 Detailed scoring of GMs at preterm and writhing age (GMOS) (Tutorial)
- 15:00 [Coffee Break](#)
- 15:30 Longitudinal assessment in details: GMOS and MOS (Christa Einspieler)
- 17:00 [End of Session](#)

**Wednesday September 8**

- 9:00 GMOS and/or MOS: assessment of participant's recordings
- 10:30 [Coffee Break](#)
- 11:00 GMOS and/or MOS: assessment of participant's recordings
- 12:30 [Lunch](#)
- 13:30 Detailed scoring of GMs at preterm and writhing age (GMOS) (Tutorial)
- 15:00 [Coffee Break](#)
- 15:30 Update on the literature and case histories (Christa Einspieler)
- 17:00 [End of Session](#)

**Thursday September 9**

- 9:00 Pre-test
- 10:30 [Coffee Break](#)
- 11:00 Reliability Testing
- 13:00 [End of Session](#)