



# Introduction to General Movement Assessment and Early Intervention for Preterm Infants

## 20 – 21 July 2022

### Introduction

This course will outline the principles of neurodevelopmental care in the Neonatal Intensive Care Unit (NICU) and its importance for neuroprotection and maximizing outcomes for both infants and families. The course will also provide an introduction to the General Movements Assessment (GMA) as an evidence based assessment tool for the early identification of infants at risk of neurodevelopmental disabilities. It will describe how the GMA is used with preterm/term infants in the NICU, and at 3-4 months of age in the community. The importance of early intervention for infants at risk of neurodevelopmental disabilities and the evidence base for early intervention will also be discussed.

### Course Objectives

- 1) Understand the basics of Prechtl General Movement Assessment and its application in the first months of life
- 2) Understand the difference of application of the assessment in acute and community settings for high risk infants
- 3) Understand the typical and atypical movement of infants during the preterm and term period
- 4) Understand the basic principles of neurodevelopmental care and the importance for neuroprotection
- 5) Describe the evidence base for early intervention in the first year of life

### Course Outline

- 1) Introduction to General Movement Assessment (GMA)
- 2) GMA in acute setting – the Neonatal Intensive Care Unit and follow-up
- 3) GMA in community-based setting - the practices in Cerebral Palsy Alliance
- 4) Neurodevelopmental Care and Early Intervention practices for high risk infants in NICU/Special Care
- 5) Evidence based early intervention in the first year

### Target Audience

Physiotherapists, Occupational Therapists, Paediatricians and Neonatologists

### Quick Links

[FAQs](#), [PGAHI Programmes](#), [Training Calendar and Directory](#)

### Course Details

Date	: 20 – 21 July 2022
Time	: 9.00 am – 11.00 am
Duration	: 4 hours
Class size	: 30 pax
Device required	: Laptop/ Desktop (with microphone, speaker and webcam)
Platform	: Zoom Cloud Meetings (Meeting details will be provided at a later date)
Fee	: S\$320 (SingHealth staff/ SPA or SAOT Member) S\$350 (Regular) (inclusive of 7% GST)

### Teaching Faculty

**Dr Cathryn Crowle** is a Senior Occupational Therapist and Co-Lead of Research in the Grace Centre for Neonatal Intensive Care, The Children's Hospital Westmead, Sydney. She has over 25 years of experience as a paediatric occupational therapist, with 10 years in the NICU. Her PhD explored the use of the General Movements assessment with infants following neonatal surgery. Dr Crowle now holds a conjoint appointment as Clinical Senior Lecturer in the Faculty of Medicine and Health at the University of Sydney. Dr Crowle has Advanced certification in the General Movements Assessment, is a trainer in the Hammersmith Infant Neurological Examination (HINE) and is a NIDCAP Certified Professional.

**Dr Cathy Morgan** is a Senior Research Fellow at the Cerebral Palsy Alliance Research Institute. A paediatric physiotherapist with over 30 years' experience, Cathy now conducts clinical research in the area of early detection and evidence based early intervention for infants with cerebral palsy. She coordinates a network of clinicians and researchers focused on improving the early detection of CP in high risk infants in NSW, Australia. She has conducted the first two RCTs of early intervention in CP using GAME intervention and is currently coordinating a large multicentre RCT on the same intervention. She is a tutor with the General Movements Trust.

### Registration

To register (internet access required), scan the following QR code or click on the web link.

Registration closes on **29 June 2022, Wednesday**.



<https://form.gov.sg/62676091daa1b30014ae96cd>

Upon registration, you agree to PGAHI [Terms & Conditions](#).