

# Advanced CTG Masterclass:

## Intrapartum Assessment of Fetus and Management of Fetus at Risk of Intrapartum Hypoxic Injury



Monday 23<sup>rd</sup> & Tuesday 24<sup>th</sup> March 2020,  
Botanical Gardens, Westbourne Road, Birmingham, B15 3TR

6<sup>th</sup> & 7<sup>th</sup> July, Manchester

13 hours relevant for CPD

Subsidised Places at

**£240** for both days

Price includes lunch and refreshments

Student Discounts Available!  
See Website for Details

This exciting and hugely popular two-day course is beneficial for all **midwives, obstetricians** and **clinical negligence lawyers** who are involved in interpreting CTG traces. A basic knowledge of CTG interpretation would be beneficial, but not essential.

## The Need for Training

There has been a well-documented need for multiprofessional improvements to CTG interpretation for decades to improve neonatal and maternal outcomes.

Errors with fetal heart rate monitoring was the most common theme found in Five years of cerebral palsy claims: A thematic review of NHS Resolution data (2017).

In addition, NHS England (Saving Babies' Lives, 2016) recommends effective fetal monitoring in labour as one of the key elements of care designed to tackle stillbirth and neonatal deaths, and that training in CTG interpretation should be annual.

## Course Content

A two-day version of our popular CTG Masterclass, **which looks in more depth** at CTG monitoring practices. It aims to enable midwives and obstetricians to be the champions of change in their local maternity units; to bring about a paradigm shift in CTG interpretation based on fetal physiology, to reduce unnecessary operative interventions whilst improving perinatal outcomes.

### Day One

- Continuous CTG: scientific evidence and the bitter truths.
- Individualising care: considering the wider picture and understanding the pitfalls of our current "Guidelines".
- Pathophysiology of CTG: understanding fetal heart rate control and physiology behind 'CTG patterns'.
- Unusual fetal heart rate patterns: sinusoidal, saltatory and overshoots.
- Understanding placental oxygenation: The fetal 'oxygen cylinder'.
- Recognising pre-existing injury: chronic hypoxia and non-hypoxic antenatal insults.
- Recognising CTG features of different types of intrapartum hypoxia and their management.
- Interactive review of cases.

### Day Two

- Re-cap: understanding the types of intrapartum hypoxia in interpreting CTG.
- CTG monitoring in high risk labour: meconium, infection etc.
- Fetal acid-base balance and the role of fetal blood sampling.
- Can we determine oxygenation of central organs? Role of fetal ECG.
- Principles of intelligent (intermittent) auscultation and the rational use of clinical guidelines on CTG.
- Mechanism of fetal neurological injury in different types of hypoxia.
- Illustrative cases: interactive discussion.
- Translation of learning into practice: from the horse's mouth.

## Course Directors

### Mr Edwin Chandraharan

Consultant Obstetrician and Gynaecologist; Lead Clinician for Labour Ward & Lead for Clinical Governance in Obstetrics and Gynaecology, St George's Healthcare NHS Trust in London.

### Dr Susana Pereira

Consultant in Obstetrics and Fetal Medicine, Kingston Hospital NHS Trust

## Feedback

**97%** of delegates rated 'Very Good' or 'Excellent' for overall **quality of education**

**98%** reported that they **intended to modify practice** in a minor or major way following the course

*"Excellent course. Should be **compulsory** for all midwives and doctors working on delivery suite."*

*"This was **head and shoulders above** any other course I have attended."*

Book Now:

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