

*Preliminary program*  
**Physiological CTG & Fetal ECG Masterclass**  
*Location: Edegem, Belgium Date: 2024-04-18/19*  
*Course director: Susana Pereira*

| <b>Day 1</b>  |  |
|---------------|--|
| <b>Time</b>   | <b>Session topic</b>   |
| 08:15         | Registration   |
| 08:45         | Introduction by Neoventa & TBD   |
| 09:00         | Why do we need physiological interpretation of the CTG and ST Analysis?  |
| 09:30         | Pathophysiology of CTG–<br>Understanding fetal heart rate control & physiology behind the CTG (hypoxia)          |
| 10:10         | <b>Break</b>   |
| 10:30         | Pathophysiology of CTG–<br>Understanding fetal heart rate control & physiology behind the CTG (chorioamnionitis) |
| 11:00         | Illustrative case discussion   |
| 11:20         | Acute hypoxia and labor accidents  |
| 12:30         | <b>Lunch</b>   |
| 13:30         | Subacute hypoxia and second stage of labor   |
| 14:00         | Illustrative case discussion   |
| 15:00         | <b>Break</b>   |
| 15:20         | Chronic hypoxia and other antenatal fetal injuries   |
| 15:45         | The chronic hypoxia checklist–<br>how to identify if the fetus is not fit for labor                              |
| 16:00         | Local case presentations by TBD  |
| 16:45 – 17:00 | Close and goodbye  |

**Day 2**

| <b>Time</b>          | <b>Session topic</b>   |
|----------------------|--|
| <b>08:00</b>         | Recap-<br>Understanding the types of intrapartum hypoxia in interpreting CTG           |
| <b>08:30</b>         | What is ST Analysis? Physiology behind the technology                                  |
| <b>09:30</b>         | <b>Break</b>   |
| <b>09:50</b>         | ST Analysis with physiological interpretation and fast and frugal trees                |
| <b>10:20</b>         | How to use ST Analysis in real life.<br>Illustrative cases with interactive discussion |
| <b>11:30</b>         | When not to use ST Analysis<br>Illustrative case discussion                            |
| <b>12:30</b>         | <b>Lunch</b>   |
| <b>13:30</b>         | Human factors in CTG interpretation  |
| <b>14:30</b>         | <b>Break</b>   |
| <b>14:50</b>         | Local case presentations by TBD  |
| <b>15:30 – 16:00</b> | Close and goodbye  |