Appendix

**Gestational Age (GA):** assessment of pregnancy duration by last menstrual period or first/second trimester ultrasound scans

**SGA:** <10th percentile of birth weight for gestational age

**LGA:** >95th percentile of birth weight for gestational age

**Low Apgar score:** <7 at 5 minutes."^1"

**Perinatal Asphyxia** (one of the criteria)^2

i. Apgar scores ≤ 5 at 10 minutes

ii. Cord ph < 7.1

iii. Arterial blood gas ph < 7.1 or base deficit ≥ 12 within 60 minutes of birth

iv. Necessity of mechanical ventilation or resuscitation at 10 minutes

**Signs of respiratory distress:** tachypnea, moaning, cyanosis, nasal flaring and retraction of chest wall

**TTN:** shaggy heart border and hyper inflated lungs with streaky perihilar markings and fluid in the horizontal fissure on X-ray

**RDS:** ground-glass opacities with air bronchograms on X-ray

**MAS:** patchy areas on X-ray in presence of meconium staining on vocal cords

**Sepsis:** positivity in cultures of body fluids or clinical deterioration in presence of elevated CRP.

**Hypoglycemia**"^3" blood glucose concentration < 2.6 mmol/L

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