Newborn detectable risks

**Born premature cerebral palsy risk factor**

- **< 28 weeks = 3-9%**
- **28–31 weeks = 3-5%**
- **32–36 weeks = <1%**
- **> 37 weeks = 0.1**

**Abnormal neuroimaging**

- White matter injury
- PVL, IVH Grade III IV, PVL corona radiata above PLIC, ventriculomegaly, arterial infarction, maldevelopment.

**Complex course**

- Neonatal intensive care unit (NICU) admission, low birth weight, exposure to infection/inflammation early/postnatal/late pre-natal, seizures, necrotising enterocolitis, bronchopulmonary dysplasia, chronic neonatal lung disease, severe retinopathy of prematurity (ROP stage 4 or 5), surgery for Patent Ductus Arteriosus. Developmental and neurobehavioural risk factors - difficulty with oral feeding.

**Term-born cerebral palsy risk factor**

**Neonatal encephalopathy**

**Neonatal stroke**

**Abnormal neuroimaging**

- Grey matter injury basal ganglia/thalimus, arterial infarction, haemorrhage, Combined white and grey matter, involvement PLIC, myelination asymmetry, congenital malformations

**Complex course**

- NICU admission, low birth weight, intrauterine growth restriction, meconium aspiration syndrome, neonatal seizures, infections, hypoglycaemia, multiple births, surviving twin after death of a co-twin, maternal age over 35 years, low apgars, birth defects, family history of neurodevelopmental condition.