

# Doppler Findings in the Fetal Cerebral Blood Vessels (VA/MCA) Within 24 Hours Before Delivery and Relation With Perinatal Outcome.

NCT05599178

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**Status** RECRUITING  
**Sponsor** Universitaire Ziekenhuizen KU Leuven  
**Enrollment** 120 participants

## Key Eligibility Criteria

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### Inclusion (10)

- Singleton pregnancy.
- Term gestation (37-42 weeks).
- Fetus in cephalic presentation.
- No known fetal chromosomal or (severe) congenital anomaly.
- Normally grown fetus (ultrasound scan demonstrating normal fetal growth between 30-37 weeks of gestation, defined as an estimated fetal weight/abdominal circumference  $\geq$  10th centile or crossing  $\leq$  2 quartiles compared to earlier growth ultrasound).
- ... and 5 more (see full listing online)

### Exclusion (4)

- Advanced labor ( $\geq$  4cm of cervical dilatation) at the time of admission on the labor ward.
- Severe pre-existing chronic maternal medical condition or poor obstetric history/antenatal complications associated with increased risk of adverse perinatal outcome (non-exhaustive e.g.: uncontrolled chronic hypertension, severe pre-eclampsia, uncontrolled (gestational) diabetes, maternal sepsis, major antepartum haemorrhage, intra-uterine infection, prolonged rupture of membranes  $\geq$  18 hours, etc.).
- Intra-uterine fetal demise / death.
- Prelabour rupture of membranes with meconium-stained amniotic fluid.

## Locations (1 total)

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University Hospitals Leuven, department of obstetrics and gynaecology, Leuven, Belgium