

comparison of umbilical venous catheter versus central lines in incidence of brain hemorrhage in preterm infants

ACTRN12617001049369

Status RECRUITING
Sponsor Atef Alshafei
Enrollment 200 participants

Plain Language Summary

This study is looking at whether the type of central line (a thin tube placed into a large blood vessel) used in very premature babies affects the risk of bleeding in the brain (called intraventricular hemorrhage or IVH). Brain bleeds are a serious and common problem in premature babies. Some researchers think that one type of central line (placed through the belly button, called a UVC) might affect blood flow to the brain differently than another type placed through a limb vein (called a PICC line). This study compares the two in premature babies.

You may be eligible if:

- Your baby was born between 24 and 30 weeks of pregnancy
- Your baby was admitted to the NICU at Dubai Hospital

You may NOT be eligible if:

- Your baby has a major birth defect
- Your baby was diagnosed with a brain bleed (IVH) before birth
- Your baby was born after 30 weeks of pregnancy
- Your baby has a bleeding disorder
- Your baby was born outside the hospital

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- All preterm infants with gestational age ranging from 24- 30 weeks admitted to NICU Dubai hospital

Exclusion (5)

- infants with major congenital abnormalities.
- infants with antenatal diagnosis of IVH or congenital hydrocephalus.
- infants more than 30 weeks gestation.
- infants with bleeding disorders.
- infants born outside the hospital.

Locations (1 total)

dubai, United Arab Emirates

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12617001049369>

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