

Intranasal Versus Intravenous Fentanyl For Procedural Analgesia in Preterm Neonates

NCT07190625

Status	RECRUITING
Phase	Early Phase 1
Sponsor	Ain Shams University
Enrollment	75 participants

Key Eligibility Criteria

Inclusion (2)

- Preterm neonates with gestational age between 28 and 36 weeks gestation.
- Undergoing painful procedures such as central venous access insertion, elective endotracheal intubation, and lumbar puncture.

Exclusion (5)

- known contraindications for fentanyl use, such as fentanyl hypersensitivity and liver failure.
- Known contraindication for intranasal administration of drugs (choanal atresia, nasal mucosal erosion, and epistaxis)
- Post-surgical patients.
- Patients sedated by fentanyl infusion / midazolam infusion.
- Evidence of neurological disease with disturbed conscious level, such as intraventricular hemorrhage grade III or IV, hypoxic ischemic encephalopathy, or inborn error of metabolism.

Locations (1 total)

Ain Shams University, Cairo, Egypt