

# Relation Between Prostaglandin E2 Metabolite Levels and the Development of Hemodynamically Significant Patent Ductus Arteriosus in Preterm Neonates

NCT07338370

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Status	RECRUITING
Sponsor	Ain Shams University
Enrollment	34 participants

## Key Eligibility Criteria

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### Inclusion (1)

- Preterm neonates with gestational age  $\geq$  32 weeks, admitted to the NICU and diagnosed with patent ductus arteriosus by echocardiography on day 3 of life.

### Exclusion (2)

- Preterm neonates with evidence of any of the following will be excluded:
- Chromosomal anomaly or Congenital malformations Progressive intraventricular hemorrhage Congenital heart defect other than PDA and/or patent foramen ovale Pulmonary hypertension with right to left shunt on PDA Contraindications to the use of Ibuprofen:  $\geq$  1 Urine output  $<$  1 mL/kg/hour during preceding 8 hours. Serum creatinine  $>$  1.6 mg/dL. Platelet count  $<$  50 000/mm<sup>3</sup>. Abnormal coagulation profile. Necrotizing enterocolitis (NEC) or intestinal perforation

## Locations (1 total)

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