

# Dexamethasone vs Dexmedetomidine vs Combination as Adjuvants to Popliteal Sciatic Nerve Block in Children

NCT07289620

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Poznan University of Medical Sciences
Enrollment	120 participants

## Key Eligibility Criteria

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### Inclusion (5)

- Children aged 3 to 12 years.
- Scheduled for elective unilateral lower limb surgery (foot, ankle, or distal lower leg) under general anesthesia with a popliteal sciatic nerve block planned for postoperative analgesia.
- ASA physical status I-III.
- Ability of parents or legal guardians to understand the study procedures and provide written informed consent.
- Child and parents/guardians available for telephone follow-up at 1 week and 1 month after surgery.

### Exclusion (11)

- Refusal of the parents/legal guardians to provide informed consent or refusal of the child to cooperate with anesthesia or study procedures.
- Known allergy or hypersensitivity to ropivacaine, dexamethasone, dexmedetomidine, or any component of the study medications.
- Pre-existing neurological deficit or neuromuscular disease affecting the lower limbs (motor or sensory).
- Coagulopathy or current therapeutic anticoagulation that contraindicates regional anesthesia.
- Local infection, inflammation, or skin lesions at the planned block site.

... and 6 more (see full listing online)

## Locations (1 total)

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Poznan University of Medical Sciences, Poznan, Poland