

Ultrasound and MRI Measurement of Quadriceps Femoris Muscle in Critically Ill Children

NCT05108441

Status	RECRUITING
Phase	Not Applicable
Sponsor	Hospices Civils de Lyon
Enrollment	35 participants

Key Eligibility Criteria

Inclusion (4)

- critically ill children from 0 to 17 years old
- magnetic resonance imaging planned for any medical reason
- sedated child for any medical reason
- absence of parental/patient refusal to participate to the study

Exclusion (6)

- congenital neuromuscular disease
- no possible access to the thigh (e.g. dressing, drains, gypsum)
- anatomical anomaly of the limb, that would compromise localizing thigh landmarks (patella, groin)
- inability to obtain limb rest and/or thigh muscle decontraction
- risk induced by mobilization of the patient for ultrasound or magnetic resonance imaging purpose
- ... and 1 more (see full listing online)

Locations (1 total)

Paediatric intensive care - Hospices Civils de Lyon, Bron, Bron, France