

Use of Computer Aided Design and 3D Printing for Anesthesiology Management in a Pediatric Patient With Cleft Facial Defect

NCT04422847

Status	RECRUITING
Phase	Not Applicable
Sponsor	Brno University Hospital
Enrollment	120 participants

Key Eligibility Criteria

Inclusion (2)

- Pediatric patients with unilateral or bilateral cleft lip and alveolus (U/BCLA) or unilateral or bilateral cleft lip, alveolus and palate (total cleft; U/BCLAP) who underwent primary lip reconstruction within 0-3 months of age (most often at our workplace in the neonatal period)
- Pediatric patients with isolated cleft palate (ICP) and patients with unilateral or bilateral cleft lip, alveolus and palate (U/BCLAP) who underwent primary cleft reconstruction between 6 and 18 months of age.

Exclusion (12)

- unilateral or bilateral cleft lip without cleft alveolus
- patients with genetically confirmed syndrome disability
- orofacial cleft patients with associated congenital malformations that may affect the course of anesthesia (atresia of the choanae)
- patients with atypical clefts of the face
- patients with CLA, CLAP, ICP who underwent primary cleft lip reconstruction later than at 3 months of age
- ... and 7 more (see full listing online)

Locations (1 total)

University hospital Brno, Brno, Jihomoravská Kraj, Czechia