

Non-invasive Central Venous Pressure Estimation in Pediatric Patients

NCT06885073

Status	RECRUITING
Phase	Not Applicable
Sponsor	Compremium AG
Enrollment	100 participants

Plain Language Summary

This study is testing a non-invasive ultrasound technique to estimate central venous pressure (a measure of how much fluid is in the body's circulation) in children and young people, comparing it against the readings from a standard catheter already placed for medical care.

****You may be eligible if...****

- You are between birth and 21 years old
- You already have a central venous catheter (a special IV line near the heart) placed as part of your standard medical care, OR you are undergoing a cardiac catheterization procedure

****You may NOT be eligible if...****

- You weigh less than 2.5 kg at enrollment
- Both sides of your neck are inaccessible for ultrasound due to dressings or IV lines
- You have skin conditions on the neck that prevent ultrasound
- You are actively bleeding
- You are clinically unstable, per your doctor's assessment

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (4)

- Provision of signed and dated informed consent form
- Male or female
- Age: birth to 21 years of age
- Equipped with a central venous catheter (CVC) for central venous pressure (CVP) monitoring indication as part of standard of care, or undergoing cardiac catheterization.

Exclusion (5)

- Weight less than 2.5kg at the time of enrollment.
- Bilateral external jugular veins not accessible due to vascular access or dressing.
- Bilateral skin lesion contraindicating neck Ultrasound
- Active bleeding
- Clinically unstable, per clinical assessment by attending physician and/or surgeon

Locations (1 total)

Children's National Hospital, Washington D.C., District of Columbia, United States

<https://clinicaltrials.gov/study/NCT06885073>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at [ClinicalTrials.gov](https://clinicaltrials.gov). Generated by [ClinicalTrialsFinder.org](https://clinicaltrialsfinder.org).