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**Manuscript NO:** 55292

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### *Retrospective Study*

Upper body peripherally inserted central catheter in pediatric single ventricle patients

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### **Abstract**

#### BACKGROUND

There is risk of stenosis and thrombosis of the superior vena cava after upper extremity central catheter replacement. This complication is more serious among patients with single ventricle physiology, as it might preclude them from undergoing further life-

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## Focus on peripherally inserted central catheters in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4220141>

Nov 04, 2014 · Centrally inserted central catheters are generally 20 to 30 cm long **non-tunneled venous devices** (polyurethane-made) placed in a deep central vein [**internal jugular vein (IJV)**, SV, AV, or innominate vein] as well as in the **femoral veins (FVs)**.

Cited by: 58

Author: Paolo Cotogni, Mauro Pittiruti

Publish Year: 2014

## Pediatric Peripherally Inserted Central Catheters ...

<https://pediatrics.aappublications.org/content/107/2/e28> ▾

Feb 01, 2001 · **Peripherally inserted central catheters (PICCs)** have become popular in children because they allow safe long-term intravascular access, comfort, and ease of transition to home therapy. 1 A PICC is defined as a **catheter inserted percutaneously** via a **peripheral vein** with the tip residing in a **central vein**.

Cited by: 226

Author: John M. Racadio, Darcy A. Doellman, Nei...

Publish Year: 2001

## Peripherally inserted central catheter (PICC) line - Mayo ...

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<https://www.mayoclinic.org/tests-procedures/picc-line/about/pac-20468748> ▾

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A peripherally inserted central catheter (PICC), also called a PICC line, is a long, thin tube that's inserted through a vein in your arm and passed through to the larger veins near your heart. Very rarely, the PICCline may be placed in your leg. A PICC line gives your doctor access to the large central veins near the heart. It's generally used to give medications or liquid nutrition. A PICCline can help avoid the pain of frequent needle sticks and reduce the risk of irritation to the smaller veins in your arms. A PICC line req...

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## Peripherally inserted central catheters in infants and ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/aas.12024>

Dec 17, 2012 · **Peripherally inserted central catheters (PICC s)** have been shown to be a valuable alternative to traditional **central venous devices** in adults and neonates. However, the evidence may not extrapolate directly to **older paediatric patients**.

**Cited by:** 58 **Author:** B. Westergaard, V. Classen, S. Walther-L...

**Publish Year:** 2013

## Peripherally Inserted Central Catheter - an overview ...

<https://www.sciencedirect.com/.../peripherally-inserted-central-catheter>

Jeremy Friedman, in Comprehensive **Pediatric** Hospital Medicine, 2007. Long Term. **Peripherally inserted central catheters (PICCs)** are placed **peripherally**, usually around the antecubital fossa with the tip in the superior vena cava (SVC)/right atrial junction. PICCs are ideal for **patients** requiring therapy for a few weeks to 6 months and are the CVCs most commonly used in routine inpatient ...

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## Peripherally inserted central catheter



A peripherally inserted central catheter, less commonly called a percutaneous indwelling central catheter, is a form of intravenous access that can be used for a prolonged period of time or for administration of substances that should not be done peripherally. It is a catheter that enters the body through the skin at a peripheral site, extends to the superior vena cava, and stays in place for days or weeks.

Wikipedia

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