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## ORIGINAL ARTICLE REVIEW ARTICLE

The Outcomes of Peripherally Inserted Central Catheter (PICC) Insertion in Pediatric Patients at Siriraj Hospital **Objective:** This study aims to demonstrate the outcomes of PICC PICC insertion and management in pediatric patients by the are widely used Anesthesia Line Service Team (ALiST) at Siriraj Hospital. for intermediate to long term **Materials and Methods:** venous access. THE PRIMARY OUTCOME ✓ IRB approval Success rate Retrospective chart review Acute complication rate OTHER DATA 124 AGE pediatric 3 month Patient characteristics patients 15 years old Type of catheter Reason for PICC removal and complications **Results:** 39.5% 70.97% 4.03% under IV use PICC until accidental sedation no longer need removal 1.61% All use ultrasound guided technique Success rate patient 26.6% 8.06% 8.06% non-adherence **NO** acute complications under general problems catheter related anesthesia with catheter infection Conclusion: Our research demonstrates a notably high rate of successful PICC placement among pediatric patients, with data indicating a minimal occurrence of complications and an extended duration of catheter usage. N Wongchompoo et al. Siriraj Med J 2024;76:158-66.

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