

Compared with short peripheral cannulas, parenteral nutrition via PICCs is associated with better nutrient delivery and lower rates of subsequent catheters or cannulas placed and is not associated with increased rates of invasive infection” Ainsworth and McGuire (2016).

Abstract:

CLINICAL QUESTION: Is parenteral nutrition via peripherally inserted central catheters (PICCs) associated with better delivery of nutrition and growth and fewer adverse events compared with short peripheral cannulas in neonates?

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BOTTOM LINE: Compared with short peripheral cannulas, parenteral nutrition via PICCs is associated with better nutrient delivery and lower rates of subsequent catheters or cannulas placed and is not associated with increased rates of invasive infection.

Reference:

Ainsworth, S.B. and McGuire, W. (2016) Peripherally Inserted Central Catheters vs Peripheral Cannulas for Delivering Parenteral Nutrition in Neonate. JAMA. 315(23), p.2612-2613.

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