

## From: The Michigan Appropriateness Guide for Intravenous Catheters (MAGIC): Results From a Multispecialty Panel Using the RAND/UCLA Appropriateness Method Michigan Appropriateness Guide for Intravenous Catheters (MAGIC)

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Device Type	Proposed Duration of Infusion			
	≤5 d	6–14 d	15–30 d	≥31 d
Peripheral IV catheter	Inappropriate	Inappropriate	Inappropriate	Inappropriate
US-guided peripheral IV catheter	Inappropriate	Inappropriate	Inappropriate	Inappropriate
Nontunneled/acute central venous catheter	Central venous catheter preferred in critically ill patients or if hemodynamic monitoring is needed for 6–14 d		Inappropriate	Inappropriate
Midline catheter	Inappropriate	Inappropriate	Inappropriate	Inappropriate
PICC	PICCs rated as appropriate at all proposed durations of infusion			
Tunneled catheter	Inappropriate	Tunneled catheter neutral for use ≥15 d	No preference between tunneled catheter and PICC for proposed durations ≥15 d	
Port	Inappropriate	Inappropriate	Inappropriate	No preference among port, tunneled catheter, or PICC for ≥31 d



### Figure Legend:

Venous access device recommendations for infusion of non-peripherally compatible infusates.  
 IV = intravenous; PICC = peripherally inserted central catheter; US = ultrasonography.