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Device	All studies		Studies requiring microbial concordance between catheter and blood cultures		Studies requiring microbial concordance and <i>all</i> devices cultured	
	No. of studies	IVD-related BSIs per 1000 IVD-days (95% CI)	No. of studies	IVD-related BSIs per 1000 IVD-days (95% CI)	No. of studies	IVD-related BSIs per 1000 IVD-days (95% CI)
Peripheral IV catheters	10	0.5 (0.2-0.7)	9	0.6 (0.2-0.9)	9	0.6 (0.2-0.9)
Midline catheters	3	0.2 (0.0-0.5)	2	0.2 (0.0-0.5)	1	0.2 (0.0-0.5)
Arterial catheters for		5 F		, e		, ,
hemodynamic monitoring	14	1.7 (1.2-2.3)	11	1.3 (0.8-1.9)	8	1.4 (0.8-2.0)
Peripherally inserted						
central catheters	15	1.0 (0.8-1.2)	5	0.8 (0.4-1.3)	4	0.8 (0.4-1.2)
Noncuffed central venous						
catheters						
Nonmedicated						
Nontunneled	79	2.7 (2.6-2.9)	63	2.9 (2.7-3.2)	50	2.9 (2.6-3.2)
Tunneled	9	1.7 (1.2-2.3)	7	0.9 (0.4-1.3)	5	2.1 (1.0-3.2)
Medicated						
Chlorhexidine-silver-						
sulfadiazine	18	1.6 (1.3-2.0)	16	1.3 (1.0-1.7)	16	1.3 (1.0-1.7)
Minocycline-rifampin	3	1.2 (0.3-2.1)	3	1.2 (0.3-2.1)	3	1.2 (0.3-2.1)
Pulmonary artery catheters	13	3.7 (2.4-5.0)	11	3.3 (2.0-4.6)	10	3.3 (1.9-4.6)
Noncuffed, nontunneled						
hemodialysis catheters	16	4.8 (4.2-5.3)	11	5.0 (4.2-5.8)	9	6.1 (4.9-7.4)

Maki DG et al., Mayo Clinic Proc 2006;81:1159-1171.

























