

## Relative Risk of CLABSI with PICCs vs. CVCs (Stratified By Patient Type)

Study ID	Relative Risk (95% CI)	% Weight	N
Hospitalized			
Wilson (2012)	- 1.96 (0.44, 8.66)	4.26	572
Gunst (2011)	0.55 (0.07, 4.06)	2.98	300
Alhimyary (1996)	0.14 (0.01, 3.23)	1.53	240
Lim (2012)	0.53 (0.25, 1.11)	6.99	148
Griffiths (2002)	0.32 (0.04, 2.58)	2.81	75
Cowl (2000)	- 0.25 (0.01, 7.88)	1.30	102
Worth (2008)	0.83 (0.34, 2.01)	6.41	106
Al Raiy (2010)	1.08 (0.50, 2.36)	6.85	1276
Skaff (2011)	0.70 (0.45, 1.09)	8.10	147
Paz-Fumagalli (1997)	0.69 (0.01, 37.74)		49
Subtotal (I-squared = 0.0%, p = 0.777)	0.73 (0.54, 0.98)	42.23	
In and outpatients Smith (1998)	0.34 (0.22, 0.55)	8.03	838
Zhao (2012)	1.04 (0.70, 1.53)	8.28	101
Raad (1993)	1.46 (0.46, 4.71)	5.32	342
Snelling (2001)	0.87 (0.21, 3.58)	4.46	28
Schuman (1987)	1.13 (0.82, 1.56)	8.46	669
Cotogni (2012)	0.03 (0.00, 3.04)	0.80	254
Mollee (2011)	0.57 (0.41, 0.79)	8.45	1127
Duerksen (1999)	0.45 (0.09, 2.23)	3.96	494
Subtotal (I-squared = 73.6%, p = 0.000)	0.72 (0.47, 1.11)	47.75	101
Outpatients			
Graham (1991)	0.07 (0.00, 2.08)	1.30	224
Moureau (2002)	0.22 (0.18, 0.27)	8.71	45073
Subtotal (I-squared = 0.0%, $p = 0.502$ )	0.22 (0.18, 0.27)	10.02	
Overall (I-squared = 85.2%, $p = 0.000$ ) NOTE: Weights are from random effects analysis	0.62 (0.40, 0.94)	100.00	
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Favors PICC	Favors CVC		

