

Percent of catheter filling vein

Catheter

		Catheter			
Vein		4 Fr/1.35mm diam.	5Fr/1.67mm diam.	6Fr/2mm diam.	
	Diam.	Area	1.43mm ²	2.19mm ²	3.14mm ²
	3.0mm	7.07mm ²	20%	31%	44%
	3.5mm	9.62mm ²	15%	23%	33%
	4.0mm	12.57mm ²	11%	17%	25%
	4.5mm	15.9mm ²	9%	14%	20%
	5.0mm	19.64mm ²	7%	11%	16%
	5.5mm	23.76mm ²	6%	9%	13%

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