CATHETER/VEIN SCALE											
Chart for determining cat		/length versu	ıs appropriat	e vein diam e	eter and dep	th from ultra	sound asses	sment			
Peripheral vascular access devices PICC Excellence, Inc.											
FRENCH SIZE	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8
CATHETER GAUGE SIZE	<mark>24</mark>	22	20	19	18	17	16	15	14		12
CATHETER MEASUREMENT mm	0.7	0.9	1.1	1.2	1.3	1.5	1.8	1.9	2.1	2.3	2.7
INCHES	0.022	0.026	0.0355	0.042	0.05	0.058	0.065	0.072	0.083	0.092	0.105
VESSEL SIZE needed 1:3=1/3 catheter vs 2/3 vein for optimal blood flow	2mm	3mm	3.6mm	3.8mm	4.3mm	4.5mm	5.5mm	5.8mm	6.5mm	7mm	8mm
RECOMMENDATION 1:3 (3.3) catheter/vein ratio & at least 2.75cm catheter length in vein (Takahashi et.al, 2020; Tanabe et.al, 2016, Bahl et.al, 2020)											
RECOMMENDATION 1:3	(3.3) cathe	ter/vein ratio	o & at least 2	75cm cathe	ter length in	vein (Takaha	ashi et.al, 20	20; Tanabe e	t.al, 2016, B	ahl et.al, 20	20)
DEPTH to top of VEIN	0.25cm	0.5cm	.75cm	1.0cm	1.25cm	1.5cm	Consider N	lidline cathe	ters for dep	th greater t	han 1.5cm
		1	ı				Consider N (7cm=2.75 2.54cm=1	idline cathe ") or for cath	ters for dep	th greater t	han 1.5cm
DEPTH to top of VEIN Catheter length needed	0.25cm	0.5cm	.75cm	1.0cm	1.25cm	1.5cm	Consider N (7cm=2.75 2.54cm=1 i 3.25=1.3" 4cm=1.6"	idline cathe ") or for cath	ters for dep	th greater t	han 1.5cm
DEPTH to top of VEIN Catheter length needed to reach top of vein Vein Purchase min for Catheter Length +2.75cm in vein	0.25cm	0.5cm .71cm	.75cm 1.06cm	1.0cm 1.41cm	1.25cm 1.77cm	1.5cm 2.12cm	Consider N (7cm=2.75 2.54cm=1 i 3.25=1.3"	idline cathe ") or for cath	ters for dep	th greater t	han 1.5cm
DEPTH to top of VEIN Catheter length needed to reach top of vein Vein Purchase min for Catheter Length +2.75cm in vein (Bahl 2020) CATHETER LENGTH	0.25cm .35cm 3.1cm	0.5cm .71cm 3.5cm	.75cm 1.06cm 3.85cm	1.0cm 1.41cm 4.15cm	1.25cm 1.77cm 4.55cm	1.5cm 2.12cm 4.85cm	Consider N (7cm=2.75 2.54cm=1 i 3.25=1.3" 4cm=1.6" 5cm= 2"	Midline cathe ") or for cath inch	ters for dep	th greater t	han 1.5cm