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Choosing The Correct IV Catheter

Considerations

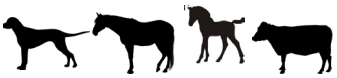
- Patient
- Reason for use
- Location
- Fluid therapy
- Obstruction

Placement

- Skin preparation
- Clean hands
- Bevel up
- Angle of insertion
- Stable vein
- Flashback
- Secure in place

Risk Factors

- Inadequate dosing
- Obstruction
- Phlebitis
- Blown leg
- Infection
- Indwelling duration
- Needle-stick complication (patient and personnel)

Gauge	Colour Code	Ext. Dia. mm	Vein Size mm	Length mm	Flow Rate ml/min
24G	Yellow	0.7	1.4	19	22
					
22G	Blue	0.9	1.8	25	35
				Administering subcutaneous fluids	
20G	Pink	1.1	2.2	32	60
				Shock fluid therapy	
18G	Green	1.3	2.6	32/45	105
				High volume fluid resuscitation	
16G	Grey	1.8	3.6	50	210
					
14G	Orange	2.2	4.4	50	345
					

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