

UAB CVL Task Force Ultrasound-guided CVC Placement Checklist	
Planning for procedure	
	Evaluate need for CVC
	Obtain & document consent
	Obtain supervision (if needed)
	Gather equipment
	Perform preparatory ultrasound
	Pre-procedure interprofessional TIME OUT
Preparing for procedure	
	Clean hands using alcohol based hand sanitizer or soap/water
	Position patient
	Prep skin (>0.5% chlorhexidine/70% alcohol)
	Don sterile garb
	Apply full body drape to patient
	Drape ultrasound probe
	Prepare and organize kit
Procedural Steps	
	Inject local anesthetic/give sedation medications (if applicable)
	Using ultrasound guidance, insert needle and obtain venous access
	Remove syringe
	Using introducer, insert curved end of guidewire through needle
	Confirm guidewire location in vessel with ultrasound
	Make small skin incision at needle entry into skin
	Remove the needle, leaving guidewire in place, hold the guidewire with one hand at all times
	Place dilator over guidewire, holding tension on the wire during dilation
	Insert dilator 3-5cm into skin while maintaining control of the guidewire (DO NOT HUB DILATOR)
	Remove the dilator, anticipating bleeding
	Advance catheter over the guidewire while holding the wire with one hand at all times
	Remove the guidewire and confirm removal
	Check blood return on each port, flush and clamp
	Apply caps on all lumens
	Suture catheter in place
	Apply sterile dressing
	Place sharps in approved containers
	Remove drapes & protective garb
	Clean hands with alcohol-based hand sanitizer or soap/water
Performing appropriate aftercare	
	PERFORM GUIDEWIRE COUNT
	Order and review chest x-ray
	Document procedure, including "OK to use" order

