

Checklist for CVAD Education Program Qualification

YES - Included	Required Components of Curriculum and Program	NOT Included
	1. Course components of didactic, simulation lab and clinical practice setting arrangements	
	2. Anatomy & Physiology of veins of upper and lower extremities relationship to arteries, and nerves, ultrasound views, vein assessment & selection criteria.	
	3. Instruction on vasculature, skin, muscular, nervous systems, respirators and cardiac systems as they apply to CVADs	
	4. Anatomy & Physiology with variations, insertion/exit site of the arm, chest, neck, thigh, including tip position for best blood flow, position in vessel and pulsatility.	
	5. Ultrasound education for vein assessment, physics of ultrasound, image optimization, image analysis, anatomical assessment for both normal and abnormal anatomy including benefits of ultrasound.	
	6. Instruction on landmark insertion technique for CVAD insertion	
	7. A laboratory practice with ultrasound for anatomy identification and insertion simulation skill training with anatomical model and insertion supplies that attempt to replicate the education on infection prevention for aseptic and handwashing technique, preparation of site, with chlorhexidine, maximum sterile precautions, site selection for reduced risk device selection with indications. Incorporation of the central line bundle, checklist and observer to ensure no breaks in the procedure.	
	8. Catheter instruction on types, materials, size, features, number of lumen, indications, advantages & risks of each.	
	9. Placement procedure instruction including typical and procedure variations.	
	10. CVAD aspects of care and maintenance with type and frequency of dressing changes, flushing, complication with identification, management and prevention.	
	11. Instructor qualification – CV, demonstrated clinical activity, insertion competency education publication involvement.	
	12. Qualifications of the instructor/tutor	
	13. Examination – successful completion of 70% of 100 question exam measuring comprehension.	
	14. Competency audit using Global ratings scale for first procedure simulation, then tutored patient insertion.	
	15. Curriculum content of at least 6-8 hours of didactic	
	16. Laboratory time of at least 6 hours with human volunteers and procedure practice	
	17. At least 4 hours of training and hands-on time with inanimate/anatomical models	
	18. Logbook for documentation of insertions in conjunction with – with Global Rating Scale	