

CENTRAL VENOUS OR ARTERIAL LINE INSERTION CHECKLIST and PROCEDURE RECORD

Date of Insertion (YYYY/MM/DD):	
Time of Insertion:	ADDRESSOGRAPH
Procedural Steps on the back page have been reviewed and followed: Yes No	Signature:
If no, document the reason why steps were not maintained.	Print Name:
Type of Catheter: Arterial	Catheter Model:
☐ PICC ☐ Dialysis	Brand: Model #:
☐ Introducer ☐ Pulmonary Artery	Length of catheter: cm Diameter:
☐ Multi-lumen ☐ Other:	Number of Lumens:
Allergy to Catheter or Catheter Coating Yes No	PICC: External catheter at completioncm
PROCEDURAL CHECKLIST (Review back page before starting procedure)	
Consent:	ssion)
☐ Verbal	☐ Emergency
☐ Procedural Safety Pause completed as per back page	
Relevant product allergies ruled out	
Hand hygiene maintained	
Site/skin care per protocol	
Maximum barrier precautions maintained	
Reason why any of the above steps (as described on back page) could not be maintained:	
PROCEDURE	
	Durabial D Farragel D Urabilian D Others
Side: □ Left □ Right Arterial Site: □ Radial □ Brachial □ Femoral □ Umbilical □ Other: Venous Site: □ Basilic □ Brachial □ Cephalic □ External Jugular □ Internal Jugular □ Femoral □ Subclavian	
Umbilical Other:	
Technique: Percutaneous Cutdown Guide-wi	
Local Anesthetic:	
☐ Procedural sedation given	Chiassana Caldanse Caute _ Dynamic _ 14//
Mandatory Comments: Include indications for insertion, reason for variance from expected technique (e.g., guidewire	
exchange) and any complications.	
Printed Name of Healthcare Professional	Signature and Designation of Healthcare Professional
POST INSERTION LINE CONFIRMATION (CENTRAL LINES)	
Line Confirmation (must be completed and signed for all central venous lines):	
☐ Chest x-ray confirmation of tip placement (all PICC, IJ or subclavian lines) Tip placement:	
Complications by chest x-ray ruled out (e.g., pneumothorax ruled out by chest x-ray)	
Confirmation of venous placement for all central lines (including femoral) by: Venous blood gas Venous pressure waveform (in monitored areas)	
Time of Confirmation Date of Confirmation Printed Name of (YYYY/MM/DD)	f Healthcare Professional Signature & Designation of Healthcare Professional

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PROCEDURAL SAFETY PAUSE CHECKLIST INSERTION OF CENTRAL VENOUS OR ARTERIAL LINE

Before any procedure, review checklist together with the other members of the procedural team. Are there any contraindications or special concerns that should be considered/managed before starting (e.g., prolonged INR/PTT or bleeding risk, abnormal vascular anatomy, prior thrombosis or increased morbidity should a pneumothorax occur) Does the patient have allergies or contraindication to prep solutions, catheter materials or tapes? Standard central line catheters are impregnated with chlorhexidine • Does the catheter contain latex, heparin or other antimicrobials? Does the individual performing this procedure have the knowledge, skill and experience to perform THIS procedure in THIS particular patient without assistance? Who else should be called to assist with this procedure (e.g., senior resident or consultant) Obtain consent (informal or formal) or notify family. Walk through the procedural steps and equipment requirements so team is prepared: **Equipment Considerations** Ensure correct catheter size and LENGTH before starting (e.g., 15-16 cm for adult IJ/ SC catheter) Document size, type and model number in case of product recall or issues Central and Arterial Line Insertion trays with appropriate drapes/gowns are available from HMMS Prefilled saline syringes FOR USE ON A STERILE FIELD are required to flush each lumen of a central catheter before and after insertion (included in HMMS Central Line Insertion tray) Sterile ultrasound sleeve and gel (included HMMS Central Line Insertion tray) · Obtain single use product for local anaesthetics Face mask with shield and hair net for everyone within 1 meter of sterile field · Extra sterile gowns and gloves; required for everyone directly involved in the insertion procedure. · Obtain sutures or sterile securement devices Dressing **Site Preparations** • Hair clippers (no razors) for hair removal (if required) prior to prepping skin Large 2% chlorhexidine with 70% alcohol prep (maxiswabs) require minimum 3 minute dry time **Other Preparation Considerations** · Hand hygiene before entering room, before donning sterile gown and gloves and after last patient contact/glove removal • Ensure adequate analgesia and sedation is available Are extra personnel required for patient positioning? Discuss possible complications and review emergency management plans in advance including pneumothorax, inadvertent arterial cannulation during central venous catheter insertion, prevention/management of air embolism or hemorrhage/hematoma. Review PPE and hand hygiene requirements Confirm placement following insertion: Following central line insertion, pressure monitoring waveform or blood gases need to be assessed to rule out arterial placement and is required immediately following insertion Chest x-ray is required following upper extremity placement of a central venous line to confirm catheter tip

location and rule out pulmonary complications

Document procedure and complications