



Alabama Board of Nursing

Tunneled Central Venous Line Protocol

TUNNELED CENTRAL VENOUS LINE PROTOCOL: The CRNP's scope of practice includes the appropriateness for treatment with a tunneled central venous line, developing a treatment plan including ordering the appropriate tunneled central venous line according to the treatment plan, following up to evaluate treatment effectiveness with intervention as needed to correct adverse reactions, and adjusting the individual treatment plan, as needed, in accordance with established guidelines/standards developed within the collaborative practice.

PHYSICIAN REQUIREMENTS:

- The collaborating or covering physicians for CRNPs must be appropriate medical and surgical intensivists, interventional radiologists, anesthesiologists, pulmonologists, and/or other physicians credentialed by the facility for the procedure.

APPLICATION LINK: [Tunneled Central Venous Line Protocol Application](#)

POPULATION FOCI EXCLUSIONS: Neonatal and Psychiatric-Mental Health CRNPs, and Certified Nurse- Midwives

LIMITATIONS:

- Procedures will be performed at locations within the hospital where the collaborating or covering physicians have rapid access to a medical emergency team, a code blue team, urgent care, and Emergency Departments.
- After approval of the supervised practice and demonstrating competency, CRNPs may only perform this procedure when an attending physician is in immediate proximity and immediately available for assistance if needed. Resident physicians are **not** allowed to delegate procedural responsibilities to CRNPs.
- The collaborating or covering physician approval is required for the CRNP to perform the procedure.
- Treatment by the CRNP is contraindicated if the patient has a local skin infection, impaired blood clotting, difficult anatomy, or sepsis. Insertion via the internal jugular or femoral vein may be permitted, while insertion via the subclavian vein is not permitted. CRNP may place tunneled central venous catheters with a diameter of 14.5F and below.

EDUCATION/ COURSE REQUIREMENTS:

- The CRNP must maintain on file readily retrievable documentation of procedures performed annually, including the documented training, education, and competency validation.

Training Requirements for Skill(s) or Procedure(s)

- Prior to the CRNP performing the procedure, the collaborating physician will demonstrate how to perform the procedure, and the CRNP will observe **three** procedures.

Supervised practice must be submitted to the Board within one (1) year of approval to train, or the approval to train will lapse.



Alabama Board of Nursing

Tunneled Central Venous Line Protocol

Skills/Procedures	Observations (if indicated)	Number Required for Initial	Annual Maintenance Requirement
CRNP may place tunneled central venous catheters with a diameter of 14.5F and below	Observe 3 procedures	25 procedures under the direct supervision of the physician	No less than 15 procedures annually to maintain competency (Physician review of the annual maintenance procedures is required)

QUALITY ASSURANCE MONITORING REQUIRED: Documented evaluation of the clinical practice (high risk/problem prone skill) against defined quality outcome measures, using a meaningful selected sample of patient records and a review of all adverse events [ABN Administrative Code § 610-X-5-.01(13)].

- Tunneled catheter insertion procedures must be included and documented in the quality assurance plan. Any adverse outcomes will be recorded and included in quality monitoring reviews.

NOTES:

- Training may not begin until the CRNP receives written approval from the Alabama Board of Nursing, and the collaborating physician must receive written approval from the Alabama Board of Medical Examiners.