



## ***Arizona State Board of Nursing***

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**APPROVED DATE: 3/2024**  
**ORIGINATING COMMITTEE:**  
**SCOPE OF PRACTICE COMMITTEE**

### **POSITION STATEMENT**

#### **TRANSESOPHAGEAL ECHOCARDIOGRAM: THE ROLE OF THE CERTIFIED REGISTERED NURSE ANESTHETIST**

It is within the scope of practice of a Certified Registered Nurse Anesthetist (CRNA) to intubate and manipulate a Transesophageal Echocardiogram (TEE) probe during the perioperative period to evaluate and monitor the hemodynamic status of the patient and to provide procedural assistance to the qualified physician surgeon in accordance with A.R.S. 32-1634.04 2,4 and 5.

#### **I. GENERAL REQUIREMENTS**

The CRNA must be certified by the Arizona State Board of Nursing, meet the educational requirements of R4-19-405, complete a nationally accredited program in the science of anesthesia, and receive specific didactic and hands-on training as part of their accredited program or from a post-education CME course.

Training competencies include but are not limited to:

- Knowledge of cardiac anatomy and ability to obtain common views
- Ability to safely insert TEE probe into esophagus and knowledge of contraindications
- Ability to acquire images of cardiac anatomy and pathophysiology and utilize this data to guide hemodynamic management and rescue
- Knowledge of indications, contraindications, and complications of transesophageal echo probe placement and use.
- Hands-on demonstration of the above competencies with training mannequin or supervised patient care.

The CRNA is responsible for maintaining competencies and practice currency that allow him/her to be current with standards of care/practice (R4-19-405).

Written policies, procedures, and protocols are developed and maintained by the facility and/or employer.

## II. RATIONALE

To ensure consistency and competency by Certified Registered Nurses Anesthetist in the performance of transesophageal echocardiogram.

## III. REFERENCES

Arizona Association of Nurse Anesthesiology. (2023). AZANA Statement on CRNAs Performing Transesophageal Echocardiogram.

American Association of Nurse Anesthesiology. (2020). Scope of Nurse Anesthesia Practice. Retrieved from: <https://www.aana.com/wp-content/uploads/2023/01/scope-of-nurse-anesthesia-practice.pdf>

Arizona Revised Statute: Professions and Occupations, Title 32, Chapter 15, Article 1. A.R.S. §32-1634 (4) Certified registered nurse anesthetist; scope of practice; physician and surgeon immunity. Retrieved from: <https://www.azleg.gov/ars/32/01634-04.htm>

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Shields, J & Gentry, R. (2020, February). Effect of simulation training on cognitive performance using transesophageal echocardiography. AANA Journal. Retrieved from: [https://mydigitalpublication.com/publication/?i=647545&article\\_id=3585109&view=articleBrowser](https://mydigitalpublication.com/publication/?i=647545&article_id=3585109&view=articleBrowser)

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University of Arizona Doctor of Nursing Practice Program Handbook p. 28: <https://www.nursing.arizona.edu/sites/default/files/data/UArizona%20Nurse%20Anesthesiology%20Specialty%20Handbook%202022-2023.pdf>