

# Advisory Board on Athletic Training

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Virginia Board of Medicine

June 15, 2023

10:00 a.m.

**Advisory Board on Athletic Training**

Board of Medicine

Thursday, June 15, 2023 @ 10:00 a.m.

9960 Mayland Drive, Suite 201, Henrico, VA

Training Room 2

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Call to Order – Trilizsa Trent, Vice-Chair	
Emergency Egress Procedures – William Harp, MD	i
Roll Call – Delores Cousins	
Approval of Minutes of September 22, 2022	1 - 4
Adoption of the Agenda	
Public Comment on Agenda Items (15 minutes)	
<b>New Business</b>	
1. Report on status of Regulatory/Policy Actions .....	5
Erin Barrett	
2. Discuss Athletic Trainers Working with Physicians in Operating Room Environment .....	6 - 16
Announcements	
Adjournment	
Next Scheduled Meeting: October 5, 2023 @ 10:00 a.m.	

**PERIMETER CENTER CONFERENCE CENTER**  
**EMERGENCY EVACUATION OF BOARD AND TRAINING ROOMS**  
(Script to be read at the beginning of each meeting.)

**PLEASE LISTEN TO THE FOLLOWING INSTRUCTIONS ABOUT EXITING THESE PREMISES IN THE EVENT OF AN EMERGENCY.**

**Training Room 2**

In the event of a fire or other emergency requiring the evacuation of the building, alarms will sound.

When the alarms sound, leave the room immediately. Follow any instructions given by Security staff

Exit the room using one of the doors at the back of the room. (**Point**) Upon exiting the doors, turn **LEFT**. Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

<< DRAFT >>

**ADVISORY BOARD ON ATHLETIC TRAINER**

Minutes

September 22, 2022

The Advisory Board on Athletic Training met on Thursday, September 22, 2022 at the Department of Health Professions, Perimeter Center, 9960 Mayland Drive, Henrico, Virginia.

**MEMBERS PRESENT:** David Pawlowski, AT, Chair  
Trilizsa Trent - Vice-Chair  
William Powers, AT  
Michael Goforth, AT [Joined Electronically]

**MEMBERS ABSENT:** Jeffrey Roberts, MD

**STAFF PRESENT:** William L. Harp, MD - Executive Director  
Michael Sobowale, LLM - Deputy Director for Licensure  
Colanthia Opher - Deputy Director for Administration  
Delores Cousins - Licensure Specialist

**GUESTS PRESENT:** None

**Call to Order**

David Pawlowski, Chair called the meeting to order at 10:26 am. The delayed start was due to technological issues.

**Emergency Egress Procedures**

Dr. Harp announced the emergency egress instructions. He welcomed new members and stated, for the record, that Michael Goforth had submitted a request to join the meeting electronically from Blacksburg, Virginia. Mr. Goforth cited his personal reason for the request as duties of his employment that he could not miss. His request was presented to the Chair, and Mr. Pawlowski approved participation by A-V setup.

**Roll Call**

Roll was called; quorum was declared.

### **Approval of Minutes**

Scott Powers moved to adopt the minutes of the October 7, 2021 meeting. Trilizsa Trent seconded the motion. The motion passed.

### **Adoption of Agenda**

Scott Powers moved to adopt the agenda. Trilizsa Trent seconded the motion. The motion passed.

### **Public Comment on Agenda Items**

None

### **New Business**

#### 1. Periodic Review of Regulations Governing the Practice of Athletic Trainers

Erin Barrett discussed the mandatory four-year review of Chapter 18VAC 85-120 to determine whether this regulation should be repealed, amended or retained in its current form, without impacting public safety. The review of this regulation will be guided by the principles in Executive Order 14 (as amended July 16, 2018). There were two public comments received during the comment period. The first comment suggested that NATABOC be deleted from Chapter 120 and replaced with BOC. This would require a change to language in the Code of Virginia. The second comment suggested a change to the use of the term, "Student Athletic Trainer" to "Athletic Training Student". This would require an additional review before a global change can be made to the Chapter as a recommendation to the full Board.

Ms. Barrett then presented her recommendations to amend or delete current provisions in 18VAC85-120-10, 18VAC85-120-20, 18VAC85-120-35 (10), 18VAC85-120-40, 18VAC85-120-85 (4), 18VAC85-120-120, 18VAC85-120-130(B)(2), 18VAC85-120-140, 18VAC85-120-155, 18VAC85-120-156, and 18VAC85-120-157(C). Some of these provisions are in the law, therefore it is unnecessary to repeat them in regulation. Members discussed not to delete provisions in 18VAC85-120-157(C) and 18VAC85-120-155.

Scott Powers moved that the Advisory Board retain and amend Chapter 120 with the changes discussed as a recommendation to the full Board. Trilizsa Trent seconded the motion. The motion passed.

#### 2. Review of Bylaws for Advisory Boards

Erin Barrett presented the uniform Bylaws for all Advisory Boards that the full Board approved at its June meeting. Since the Bylaws are slated to become effective on September 29, 2022, this was for information only.

3. Update from the BOC CARE Conference

David Pawlowski presented an update from the BOC Care Conference which was attended by Daniel Carroll, President of the Virginia Athletic Trainers' Association. He thought some of the guidelines for athletic training regulatory language discussed during the conference might be useful to incorporate into Virginia's regulations in the future.

4. Discussion of Athletic Trainers Utilizing Emergency Inhalers

David Pawlowski introduced the topic. In order to add this into the scope of practice for athletic trainers in Virginia, it will have to be done through legislation.

5. Discussion of Licensure Process, Temporary Authorization, Provisional License and Supervision

Scott Powers discussed confusion in some quarters of the athletic training community about provisional licensure for athletic trainers. Once they have passed the BOC examination and are awaiting issuance of a full license, is the provisional license holder still operating under the "supervision and control" of an athletic trainer or can they engage in independent practice? It was suggested that the word, "control" be stricken from 18VAC85-120-80(A) and the sentence, "*if licensed or certified by another jurisdiction in the United States, documentation that his license or certificate is current and unrestricted*", be stricken from the regulation for temporary authorization to practice under 18VAC85-120-75.

Scott Powers moved to approve that these changes be added as part of the recommendations to the full Board to amend or delete current provisions in Chapter 120. Trilizsa Trent seconded the motion. The motion carried.

6. Approval of 2023 Meeting Calendar

Scott Powers moved to adopt the 2023 meeting calendar. Trilizsa Trent seconded the motion. The motion passed.

7. Election of Officers

Scott Powers nominated David Pawlowski to remain as Chair. Trilizsa Trent seconded the motion. The motion passed. Scott Powers nominated Trilizsa Trent to remain as Vice-Chair. David Pawlowski seconded the motion. The motion passed.

**Announcements:**

License Statistics:

Delores Cousins provided the license statistics report. There are a total of 1,483 current active Virginia licenses with 5 current inactive. There are 309 current active out-of-state and 6 inactive out-of-state.

Next Scheduled Meeting:

The next scheduled meeting is February 9, 2023 at 10:00 am.

**Adjournment**

With no other business to conduct, the meeting adjourned at 11:34 am.

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William L. Harp, MD, Executive Director

**Agenda Item: Regulatory Actions Report**

**Note:** Ms. Barrett will provide information on the status of regulatory actions for the Advisory Board.

**Action:** None Anticipated.



**Agenda Item: Discuss Athletic Trainers Working with Physicians in Operating Room Environment**

**Note:** The Board received email correspondence/question stating as follows: “some ATs have have had their roles in the OR limited by their employers due to legal concerns. These ATs have additional credentials such as OTC and BCOS, as well as completed residency programs where surgical procedures were included as part of the program.

Question: can ATs with additional certifications work in the environment of the OR without violating the Surgical Assistant laws?”

**Action:** Discuss and provide clarification or guidance as deemed necessary.



## Content Outline for BOC Orthopedic Practice Analysis

ORIGINALLY PUBLISHED OCTOBER 2020  
RE-RELEASED APRIL 2023

Athletic Trainers (ATs) are health care professionals who render service or treatment under the direction of or in collaboration with a physician, in accordance with their education and training and state statutes, rules and regulations. As part of the health care team, services provided by ATs include injury and illness prevention, wellness promotion and education, emergent care, examination and clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. Individuals become eligible for BOC certification through an athletic training program (bachelor's or entry-level master's) accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Athletic training students engage in rigorous classroom study and clinical education in a variety of practice settings such as high schools, colleges/universities, hospitals, emergency rooms, physician offices and health care clinics over the course of the degree program.

BOC specialty certification is a voluntary process by which an AT's mastery of advanced knowledge, skills and experience in a specialized area of clinical practice, exceeding what is required for entry-level AT certification, is demonstrated and measured against defined predetermined standards, such as completing post-professional education, training and/or experience (e.g., accredited residency) and achieving a passing score on a specialty certification examination. This demonstration serves to enhance the quality of patient care, optimize clinical outcomes, increase cost-effectiveness and improve patients' health-related quality of life in specialized areas of athletic training practice.

The purpose of an orthopedic specialization is to provide formal recognition to specialty-trained ATs who have advanced education or experience in musculoskeletal conditions to improve the health and welfare of the public. The specialized practitioner will optimize outcomes for orthopedic patients by demonstrating a level of advanced knowledge, skill and experience which is identified in the "BOC Orthopedic Practice Analysis." The BOC Orthopedic Specialty Exam is being developed with the highest standards, validity and reliability. The BOC will be seeking third-party accreditation from the National Commission on Certifying Agencies for this exam.

### Target Audience

ATs who specialize in orthopedics have specific post-professional education, training and experience in orthopedics. Based on the training and testing required for the orthopedic specialty certification, these ATs use advanced clinical decision making to evaluate and diagnose patients, manage comprehensive care and promote, maintain and restore health.

## Domains

Domains are the major responsibilities or duties that characterize orthopedic specialty practice for ATs.

Domain I: Medical Knowledge

Domain II: Procedural Knowledge

Domain III: Professional Practice

## Domain I: Medical Knowledge

### TASKS

1. Formulate differential diagnoses by interpreting a comprehensive history to determine an appropriate physical examination.
2. Complete a focused physical examination using evidence-based methods to inform the differential diagnosis.
3. Determine the need for appropriate diagnostic testing based on the history and physical examination to inform the differential diagnosis.
4. Synthesize evaluation findings and diagnostic studies consistent with best practice to determine the diagnosis and educate the patient.
5. Formulate the plan of care in collaboration with the interdisciplinary health care team and patient.
6. Analyze outcomes to optimize the continuum of patient-centered care.

## Domain II: Procedural Knowledge

### TASKS

1. Implement the established plan of care utilizing advanced clinical decision making to incorporate appropriate modifications and ensure optimal patient outcomes.
2. Provide **pre-procedural** care to ensure optimal patient outcomes.
3. Provide **intra-procedural** care to ensure optimal patient outcomes.
4. Provide **post-procedural** care to ensure optimal patient outcomes.
5. Provide **pre-operative** care to ensure optimal patient outcomes.
6. Provide **intra-operative** care to ensure optimal patient outcomes.
7. Provide **post-operative** care to ensure optimal patient outcomes.

## Domain III: Professional Practice

### TASKS

1. Establish patient-centered processes and quality care programs that promote value-based care, population health strategies and cost containment to improve patient outcomes.
2. Collaborate as a leader of the interdisciplinary health care team using effective interpersonal and communication skills to ensure optimal patient care.
3. Engage in professional development and reflective practice to support improvement in self and others to enhance patient care.

## Weighting of Domains

The “BOC Orthopedic Practice Analysis” identifies the domains and skills specialty-trained ATs in orthopedics must possess in order to provide proficient care for their patients and improve the health and welfare of the public. Advanced education or experience in musculoskeletal conditions is required in the certification program to ensure essential depth in the specialty knowledge base.

The practice analysis serves as the blueprint for determining the content of the Orthopedic Specialty exam. Exam questions represent all three domains of athletic training, with weighting distributed across domains as indicated in the table below.

Domain	Percent of Questions on Exam
Medical Knowledge	46%
Procedural Knowledge	46%
Professional Practice	8%

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This document provides domain and task level information only. The full practice analysis identifies knowledge and skills for each task and an in-depth look at the study and process.

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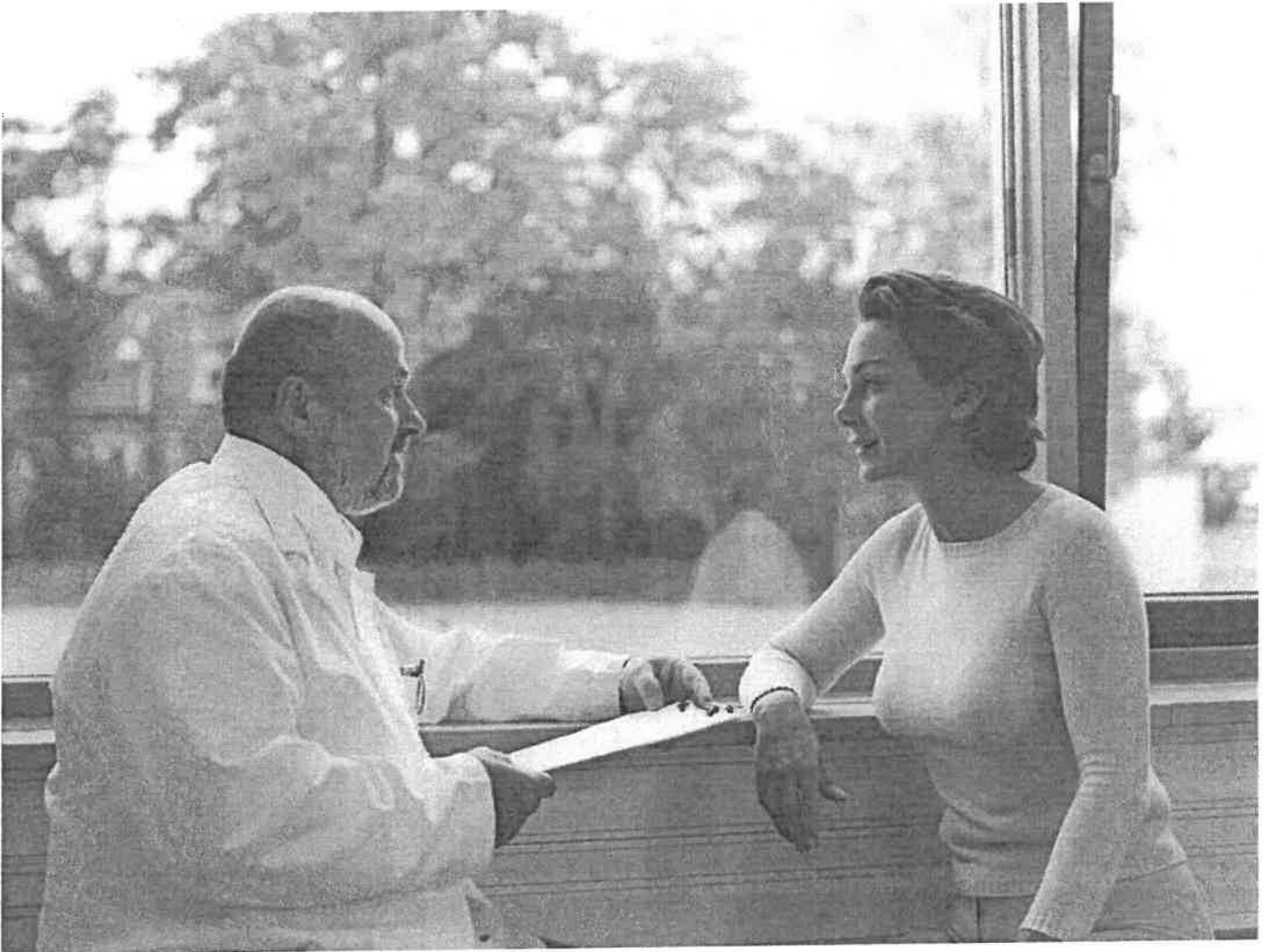
Suggested Citation: Henderson, J. The 2020 Orthopedic Practice Analysis Study. Omaha, NE: Board of Certification; 2020



# National Board for Certification of Orthopaedic Technologists Inc



## Public and Employer Information



### Introduction

The National Board for Certification of Orthopaedic Technologists (NBCOT) Certification Examination for Orthopaedic Technologists measures entry-level knowledge and skills in Orthopaedic Technology.

The examination is a criterion-referenced exam, meaning it is designed to assess what a particular candidate knows or can do and not how the candidate performs in a relation to an outside reference group. The exam is based on a role delineation study, or a very detailed job description of the profession of an Orthopaedic Technologist, which is used to determine the exam content. NBCOT reviews and revises the role delineation

periodically to determine its continued relevance to the practice of Orthopaedic Technology. NBCOT solicits questions for the examination item banks from Certified Orthopaedic Technologists, Orthopaedic Physicians, and other professionals who have expertise in the areas that are measured on the examination. The certification examination is reviewed and revised by the NBCOT annually. NBCOT's testing agency Schroeder Measurement Technologies (SMT) provides technical support to NBCOT in the development and revision of the examination, item writing, scoring and analysis of the examination.

## What Is An OTC®

The Orthopaedic Technologist - Certified are those individuals that have demonstrated the knowledge and skills needed to work as an Orthopaedic Technologist and who have passed the National Board for Certification of Orthopaedic Technologist Certification Examination.

The Orthopaedic Technologist - Certified is specifically trained as an extension of the Orthopaedic Surgeon and assists in the treatment of the Orthopaedic patient which includes patient assessment, casting, splinting, bracing, traction and orthopaedic surgery.

The Orthopaedic Technologist has a working knowledge of aseptic techniques, and is able to prepare for surgical procedures, assembling and preparing equipment to the specifications of the Orthopaedic Surgeon, the Orthopaedic Technologist may act as a first assistant in the operating room according to hospital policies.

The Orthopaedic Technologist is able to fit and adjust various orthopaedic appliances, such as walkers, crutches, braces, etc. as well as giving patients instructions.

**A link to the OTC Standards of Practice are found at the bottom of this page.**

## What Is An OT-SC™

An Orthopaedic Technologist - Surgery Certified (OT-SC) carries out functions that will provide assistance to the Orthopaedic Surgeon in performing safe operations with optimal results for patients. OT-SCs' perform under the direct supervision of the Orthopaedic Surgeon and have acquired sufficient knowledge to perform the necessary duties through formal education, continuing education, supervised practice, or any combination of these methods.

OT-SCs' are not trained to perform any surgical procedures independent of an Orthopaedic Surgeon. The defined role of the OT-SC will vary with the Orthopaedic Surgeon, surgical procedure, or the facilities where surgical procedures are performed.

**A link to the OT-SC Standards of Practice are found at the bottom of this page.**

## Fees Paid By The Employer

Any Employer that has paid for an applicant's examination fee has the right to cancel an application, or examination registration with or without a set appointment, and request a refund, or transfer of fees paid to another employee's application, at any time. This must be done by submitting their request writing to the NBCOT office. A \$75.00 processing fee will apply to all transfers or a \$150.00 processing fee for complete cancellation. Please refer to the "Complete Cancellation of Registration" outline above for specific guidelines and requirements. Test Administrative Cancellation Fees will apply per the "Examination Appointment, Rescheduling and Refund Policies. All requests will be considered on a case by case basis. Any complaints from the Applicant or Registered Candidate relating to an examination cancellation or transfer that was made by

an Employer, and approved by the NBCOT, are to be addressed between the Applicant or Registered Candidate and the Employer. Any issues arising from any Employer cancelling an Application, or Examination Registration with or without an Exam Appointment will not be mediated or involve the National Board for Certification of Orthopaedic Technologists, Inc. or the Test Administrator in any way.

REFUND GUIDELINES Request must clearly outline the reason for the cancellation and refund request to be considered. 3 ORIGINAL SIGNED REQUESTS MUST BE MAILED VIA "US CERTIFIED RETURN RECEIPT REQUESTED MAIL" to:

**ATTN: NBCOT EXAMINATION REFUNDS**  
**THE NATIONAL BOARD FOR CERTIFICATION OF ORTHOPAEDIC TECHNOLOGISTS, INC.**  
**4736 ONONDAGA BLVD. #166**  
**SYRACUSE, N.Y. 13219-3404**

Requests may be acknowledged by telephone, and will be acknowledged in writing within 14 business days of receipt to the NBCOT office.

## How To File A Complaint

It is the responsibility of the National Board for Certification of Orthopaedic Technologists, Inc. to investigate any complaints made against an OTC® or the OT-SC™ and if warranted recommend action against such individuals certification or eligibility to become certified to the NBCOT Disciplinary Committee. Action may range from barring an individual from taking the OTC® or OT-SC™ examination to revoking an individuals certification.

The NBCOT Standards of Practice for the OTC®, OT-SC™ and the NBCOT Code of Ethics allows the NBCOT to define the professional responsibilities for the OTC® and OT-SC™ and candidates. The National Board for Certification of Orthopaedic Technologists, Inc. will take action when there is a clear breach of these codes of Ethics and Standards of Practice (see below).

All complaints must be submitted in writing and cannot be made anonymously as the accused has a right to know the identity of the person filing the complaint as well as the particulars surrounding the complaint.

Individuals wishing to file a complaint may use the NBCOT complaint form. The complaint form is then submitted to the NBCOT office at:

**National Board for Certification of Orthopaedic Technologists, Inc.**  
**ATTN: Disciplinary Committee**  
**4736 Onondaga Blvd. # 166**  
**Syracuse, NY 13219**

Once a complaint is made, the NBCOT Executive Director Evaluates the complaint and if it is found to be valid, the complaint is then sent to the Disciplinary Review Committee where the complaint is investigated and evaluated for breach of the NBCOT Standards of Practice or Code of Ethics. If the complainant is found to be in violation of these standards, the complaint is then sent to the Disciplinary Committee where appropriate action is determined.



If an individual has action taken against him or her, they have the right and availability to appeal the decision through the NBCOT Disciplinary Appeals Committee. These procedures are listed in more detail in the NBCOT Ethics Case Procedures.

The Disciplinary Committee acts fairly in carrying out its responsibilities to the public and protecting the rights of accused individuals.

Final actions are published regularly on the NBCOT Website under Disciplinary Actions and are reported to employers, state regulatory agencies and the general public.

If you have any questions about how to file a complaint, contact the NBCOT at: 1 (866) 466-2268

Download NBCOT Complaint Form Below

## Frequently Asked Questions

**Question: What is the difference between the National Association of Orthopaedic Technologists (NAOT) and the National Board for Certification of Orthopaedic Technologists, Inc. (NBCOT, Inc)?**

*Answer: The National Association of Orthopaedic Technologists (NAOT) is the National Professional Membership Association of Orthopaedic Technologists. The National Board for Certification of Orthopaedic Technologists, Inc. (NBCOT, Inc.) maintains and develops the Certification Examination and is the National credentialing body for the Certification of Orthopaedic Technologists. The National Board for Certification of Orthopaedic Technologists, Inc. is not a "Membership" Association or Organization. Both the NAOT and NBCOT are financially and administratively separate entities.*

## **Important links (will not be downloaded to your device)**

[File A Complaint \(pdf\)](#)

[Standards of Practice OTC \(pdf\)](#)

[Standards of Practice OT-SC \(pdf\)](#)

[Code of Ethics \(pdf\)](#)

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## **Surgical Assistant and Surgical Technologist Statutes – Chapter 29**

### § 54.1-2956.13. Licensure of surgical assistant; practice of surgical assisting; use of title.

A. No person shall engage in the practice of surgical assisting or use or assume the title "surgical assistant" unless such person holds a license as a surgical assistant issued by the Board. Nothing in this section shall be construed as prohibiting any professional licensed, certified, or registered by a health regulatory board from acting within the scope of his practice.

B. The Board shall establish criteria for licensure as a surgical assistant, which shall include evidence that the applicant:

1. Holds a current credential as a surgical assistant or surgical first assistant issued by the National Board of Surgical Technology and Surgical Assisting, or the National Commission for Certification of Surgical Assistants or their successors;
2. Has successfully completed a surgical assistant training program during the person's service as a member of any branch of the armed forces of the United States; or
3. Has practiced as a surgical assistant in the Commonwealth at any time in the six months immediately prior to July 1, 2020.

C. For renewal of a license, a surgical assistant who was licensed based on a credential as a surgical assistant or surgical first assistant issued by the National Board of Surgical Technology and Surgical Assisting, or the National Commission for the Certification of Surgical Assistants or their successors shall attest that the credential is current at the time of renewal.

### § 54.1-2956.12. Registered surgical technologist; use of title; registration.

A. No person shall hold himself out to be a surgical technologist or use or assume the title of "surgical technologist" or "certified surgical technologist," or use the designation "S.T." or any variation thereof, unless such person is certified by the Board. No person shall use the designation "C.S.T." or any variation thereof unless such person (i) is certified by the Board and (ii) has successfully completed an accredited surgical technologist training program and holds a current credential as a certified surgical technologist from the National Board of Surgical Technology and Surgical Assisting or its successor.

B. The Board shall certify as a surgical technologist any applicant who presents satisfactory evidence that he (i) has successfully completed an accredited surgical technologist training program and holds a current credential as a certified surgical technologist from the National Board of Surgical Technology and Surgical Assisting or its successor, (ii) has successfully completed a training program for surgical technology during the person's service as a member of any branch of the armed forces of the United States, or (iii) has practiced as a surgical technologist or attended a surgical technologist training program at any time prior to October 1, 2022, provided he registers with the Board by December 31, 2022.