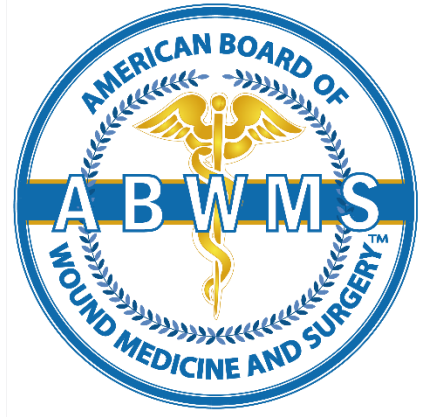


# Certification Examination for Physicians in Wound Medicine and Surgery



## Candidate Handbook 2024

Application Deadline*	Testing Window
May 15, 2024	June 15 – June 29, 2024
November 6, 2024	December 7 – December 21, 2024

**\*Applications will not be accepted after 11:59pm Eastern on this date**

Administered by:



1350 Broadway, Suite 800 | New York, NY 10018

[www.ptcny.com/contact](http://www.ptcny.com/contact)

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*This Handbook contains necessary information about the Certification Examination for Physicians in Wound Medicine and Surgery. Please retain it for future reference. Candidates are responsible for reading these instructions carefully. This Handbook is subject to change.*

## CONTACT INFORMATION

<p><b>Professional Testing Corporation (PTC)</b></p> <p><a href="http://www.ptcny.com">www.ptcny.com</a></p> <p>(212) 356-0660</p>	<ul style="list-style-type: none"> <li>• Apply for examination</li> <li>• Obtain general application information</li> <li>• Obtain information about testing policies</li> <li>• Transfer to a new Testing Period</li> <li>• Request Test Accommodations</li> <li>• Request Hand Score</li> <li>• Question about score reports</li> <li>• Miscellaneous inquiries</li> </ul>
<p><b>Prometric</b></p> <p><a href="http://www.prometric.com/ABWMS">www.prometric.com/ABWMS</a></p> <p>(800) 741-0934</p>	<ul style="list-style-type: none"> <li>• Schedule test appointment</li> <li>• Reschedule test appointment (within a testing period)</li> <li>• Cancel test appointment</li> <li>• Find directions to test site</li> <li>• Questions regarding testing sites and appointments</li> </ul>
<p><b>American Board of Wound Medicine and Surgery (ABWMS)</b></p> <p><a href="http://www.abwms.org">http://www.abwms.org</a></p>	<ul style="list-style-type: none"> <li>• General Information</li> </ul>

## ATTENTION CANDIDATES

This handbook contains necessary information about the ABWMS Certification Examination for Physicians in Wound Medicine and Surgery. It is required reading for those applying and taking the examination. All individuals applying for the examination must comply with the policies, procedures, and deadlines in this Handbook and attest to this by signing the Candidate Attestation found on the application. Please retain this handbook for future reference. This handbook is subject to change. See [www.ptcny.com](http://www.ptcny.com) for handbook updates.

**ACCESSING CELL PHONES AND ELECTRONIC DEVICES AT ANY TIME WHILE YOU ARE TAKING THE EXAM IS PROHIBITED. YOU CAN ONLY REMOVE SNACKS, DRINKS, MEDICINE OR PERSONAL HEALTHCARE ITEMS FROM YOUR LOCKER- NO BACKPACKS, BAGS, POCKETBOOKS OR CLOTHING CAN BE REMOVED WHILE YOUR EXAM IS IN SESSION.**

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## CERTIFICATION

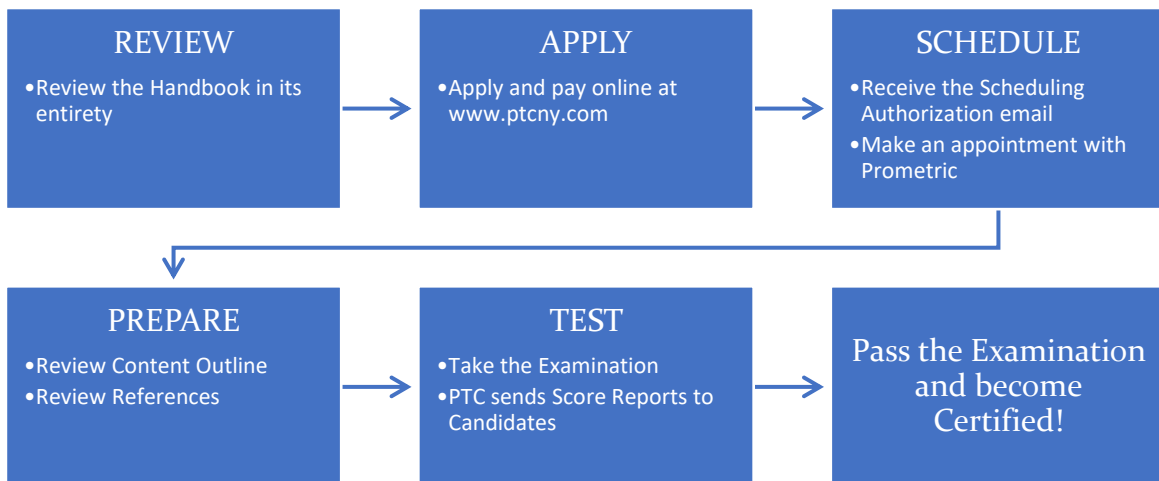
The American Board of Wound Medicine and Surgery (ABWMS™) endorses the concept of voluntary, periodic certification by examination for physicians engaged in the active practice of wound medicine and surgery. Board certification is highly valued and provides formal recognition of a unique body of knowledge in the science and practice of wound medicine and surgery.

Certification in Wound Medicine and Surgery provides formal recognition of knowledge and practice in the field by:

1. Recognizing formally those individuals who meet eligibility requirements of the American Board of Wound Medicine and Surgery and pass the Certification Examination for Physicians in Wound Medicine and Surgery.
2. Encouraging continued professional growth in the practice of wound medicine and surgery.
3. Establishing and measuring the level of knowledge required for certification by a wound medicine and surgery physician.
4. Providing a standard of minimum knowledge deemed appropriate for physicians practicing wound medicine and surgery, thereby assisting the employer, public, and health care professionals in the assessment of wound medicine and surgery physicians.

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## THE CERTIFICATION PROCESS



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## ELIGIBILITY REQUIREMENTS

Candidates must meet the following eligibility criteria as of the application deadline indicated on the cover of the handbook:

1. Be a currently licensed physician in the United States or Canada  
**[Submit a copy of current license with Application.]**
  2. Be certified or board eligible by a relevant primary board (American Board of Medical Specialties [ABMS], American Osteopathic Association [AOA] **[Submit documentation with Application.]**
  3. a. Have three years of experience in active practice of wound care documented by institutional Medical Director, Chief of Staff, or Chief Clinical Officer.  
**[Submit support letter, written on official letterhead, with Application.]**
- OR
- b. Be enrolled in or completed an ABMS or AOA approved training program and have completed a dedicated one year wound medicine and surgery fellowship as documented by the fellowship director. **[Submit documentation with Application.]**
  4. Complete and file an Application for the Certification Examination for Physicians in Wound Medicine and Surgery.
  5. Pay the required fee.

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## COMPLETION OF APPLICATION

### ***Step 1 – Fill Out the Application***

- Go to <http://www.ptcny.com/test-sponsors/ABWMS>
  - View testing periods and application deadlines
  - Fill out online application completely and upload supporting documentation.
    - Use your first and last name exactly as it appears on your current driver’s license, passport, state issued non-driver ID or military ID.
    - Applications are not complete until all information, documentation, and payment has been provided.
    - When you start a new application, you will be asked to create a PIN number. This PIN will be used if you need to come back to the application to finish it later. Keep the link to the application and your PIN number for later use.

### ***Step 2 – Submit Exam Fee and Application for Review***

PTC will send you an email that says that your payment and application have been received and are being reviewed. Please allow up to 10 business days for review.

### ***Step 3 – Receive Application Status Update***

- After your application is reviewed PTC will update you with another email.
  - **REOPENED FOR MORE DOCUMENTS**
    - This means we are missing the required documentation. Follow the directions in the email.
    - Applications that are incomplete as of 14 days before the start of the testing window will be refunded minus the administration fee (see fees page 8).
  - **REJECTED**
    - This means you are not eligible to take the exam. The reason will be explained in the email.
    - Rejected applications will be refunded minus the administration fee (see fees page 8).
  - **APPROVED**
    - This means your application is approved. You will move on to Step 4.

### ***Step 4 – Receive Scheduling Authorization and Schedule Testing Appointment***

- Approved candidates will receive an email with their Scheduling Authorization, within 11 weeks before the start of the testing window. Scheduling Authorization emails come from notices@ptcny.com. Do not lose this email.
- If you don't receive your Scheduling Authorization email 3 weeks before the start of your testing window, contact PTC.

The Scheduling Authorization includes important information including:

- Your PTC Candidate ID number
- Instructions on how to make your Exam appointment with Prometric.

**Applicants who are not approved to sit for the examination or whose applications are incomplete 21 days prior to the first day of the testing window will receive a refund of their application fee minus the \$75 administrative fee. Refunds will be processed approximately 30 days after the end of the testing period.**

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## **APPLICATION CHECKLIST**

Candidates **MUST** upload the following documentation to their online application:

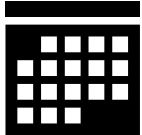
- Copy of current medical license
- Copy of board certification
- Supporting letter from institutional Medical Director, Chief of Staff, or Chief Clinical Officer attesting to physician's three years of experience in active practice of wound care, written on official letterhead.

## EXAMINATION ADMINISTRATION AND SCHEDULING

The Certification Examination for Physicians in Wound Medicine and Surgery is administered during an established two-week testing window on a daily basis, excluding holidays, at computer-based testing facilities managed by Prometric.

### Scheduling Examination Appointments

Follow the steps on your Scheduling Authorization to schedule your examination appointment with Prometric.



- Appointment times are first-come, first-served, so schedule your appointment as soon as you receive your Scheduling Authorization.
- **Candidates who wait until the last minute run the risk of missing out on their preferred date, time, and/or testing center. Candidates unable to schedule an appointment will forfeit their fees.**

After you make your test appointment, Prometric will send you a confirmation email with the date, time, and location of your exam. Check this confirmation carefully and contact Prometric at (800) 741-0934 if you do not receive this email confirmation or if there is a mistake with your appointment.

**Note: International candidates may also schedule, reschedule, or cancel an appointment online at <http://www.prometric.com/ABWMS>.**

#### IMPORTANT!

You **MUST** present your current driver's license, passport, or U.S. military ID at the test center. Expired, temporary, or paper driver's licenses will **NOT** be accepted.

The first and last name on your Scheduling Authorization **MUST** exactly match the first and last name on your photo ID. **Fees will not be refunded for exams missed because of invalid ID.**

### Rescheduling Examination Appointments within a Testing Period

Candidates can reschedule their examination appointments within the same testing period as long as the request is submitted within the timeframe described below. Reschedule within the permitted time frame by calling or going to the Prometric website: [www.prometric.com/ABWMS](http://www.prometric.com/ABWMS).

Time Frame	Reschedule Permitted?	Stipulations
Requests submitted 30 days or more before the original appointment	Yes	None
Requests submitted 29 to 5 days before the original appointment	Yes	Candidate must pay Prometric a rescheduling fee of \$50.

Time Frame	Reschedule Permitted?	Stipulations
Requests submitted less than 5 days before the original appointment	No	Candidates who do not arrive to test for their appointment will be considered a no-show and all their examinations fees will be forfeited. Candidates will need to reapply and pay full examination fees for a future testing period.

### Transferring to a New Testing Period

Candidates unable to take the examination during their scheduled testing period may request a **ONE-TIME** transfer to a future testing period. **There is a transfer fee of \$240.00.** After you have transferred once by paying the \$240.00 fee, you will need to pay the full examination fee in order to transfer a second time; so, *please plan carefully.*

**Please note:** requests to transfer to a new testing period must be received within 30 days of your originally scheduled testing period.

Candidates wishing to transfer to a new testing period need to follow the steps below.

1. Go to <http://secure.ptcny.com/apply>; click “Start New Application.”
2. Choose ABWMS in the first drop-down menu; then choose the new examination period in the second drop down menu and fill out the rest of the information on the page.
3. Fill out the application making sure you answer yes to the question asking if you are transferring.
4. When you have finished the application, click “Submit Transfer Request.”
5. PTC Support will send you an email letting you know your transfer application was approved and that you can log back into your application and pay the one-time \$240.00 transfer fee.

Call 212-356-0660 if you have any questions regarding the transfer process.

If candidates are unable to attend the examination on the date for which they registered and elect not to transfer to another testing period, the application will be closed and all fees will be forfeited. There will be no refund of fees.

The transfer fee is based on costs and is not punitive in nature. The transfer fee must be paid at the time the request is approved.

Note: Transferring your Examination only refers to instances when a candidate is unable to take their exam during a testing period for which they have already applied. Candidates who did not pass their examination and are retaking the examination need to pay the full Examination Fee.

### Failing to Report for an Examination



If you fail to report for an examination, you will forfeit all fees paid to take the examination. A completed application form and examination fee are required to reapply for the examination.



## EXAMINATION FEES

Fee Type	Amount	Details
Application Fee	US \$860.00	<ul style="list-style-type: none"> <li>• Non-refundable</li> <li>• Non-transferable</li> <li>• Includes testing center fees</li> <li>• Includes non-refundable \$75 administrative fee</li> </ul>
Transfer Fee (Moving to a new testing window; see page 7)	US \$240.00	<ul style="list-style-type: none"> <li>• <b>Applies to candidates who need to move to a new testing period</b></li> <li>• Must submit new application &amp; fee to PTC</li> </ul>
Rescheduling Fee (29-5 days prior to scheduled appointment; see page 6)	US \$50.00	<ul style="list-style-type: none"> <li>• <b>Applies to candidates who need to move their appointment within their current testing period</b></li> <li>• Payable directly to Prometric</li> <li>• Reschedule with Prometric online or over the phone</li> </ul>



- **There will be no refund of fees unless applicants are ineligible for the examination.**
- **Ineligible candidates will be refunded their fees minus an administrative fee.**
- **No refunds will be issued for applying for the incorrect examination or testing period, for failing to make an examination appointment, or for failing to appear at your scheduled appointment.**

**Be advised: Prometric does not have the authority to grant transfers to another testing period or refunds.**

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## TEST ACCOMMODATIONS

ABWMS and PTC support the intent of and comply with the Americans with Disabilities Act (ADA) and will take steps reasonably necessary to make certification accessible to persons with disabilities covered under the ADA. According to the ADA, an individual with a disability is a person who has a physical or mental impairment that substantially limits a major life activity (such as seeing, hearing, learning, reading, concentrating, walking) or a major bodily function (such as neurological, endocrine, or digestive system).

The information you provide and any documentation regarding your disability and test accommodations is confidential and is not included in scoring or reporting.

All approved testing accommodations must maintain the psychometric nature and security of the examination. Accommodations that fundamentally alter the nature or security of the exam will not be granted.

To request test accommodations, follow these 4 steps:

1. Download the Request for Test Accommodations Form, available from [www.ptcny.com](http://www.ptcny.com) or by calling PTC at (212) 356-0660.
2. Complete Test Accommodations Form with your doctor/healthcare professional.
3. Upload the completed and signed Test Accommodations Form with the online exam application.
4. Submit fully both the Test Accommodations Form and the application at least 8 weeks prior to the start of your chosen testing period.

### NOTES:

- Only those requests made and received on the official Request for Test Accommodations Form will be reviewed.
- All requests must be made at the time of application. Accommodations cannot be added to an existing exam appointment.
- If you miss the 8-week deadline, you may not be able to test during your chosen testing period and you will be subject to rescheduling or transfer fees.
- Do not go to [www.prometric.com](http://www.prometric.com) or contact Prometric to request test accommodations as they are not authorized to approve accommodations. All requests for test accommodations must be submitted on the PTC Request Form.
- If you need to use your cell phone or another electronic device to monitor a medical condition, such as diabetes, please be sure to include this on Part 1 of the Request for Test Accommodations Form so that we can notify Prometric in advance.
- Only pre-approved test accommodations will be permitted on the day of the examination. Test center personnel are not authorized to make any changes to the test accommodations on the day of the testing session and any such change may result in your examination score being canceled.

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## PREPARING FOR THE EXAMINATION

- Check your driver's license, passport, non-driver state issued ID or U.S. Military ID.
  - Is it expired?
  - Does the first and last name on your ID match the first and last name on your Scheduling Authorization email?
  - Proctors at the Prometric testing center will refuse admission to candidates with expired ID, IDs with names that do not match their records, and temporary paper IDs. Candidates will be marked as no-shows and will forfeit their exam fees.
- Check your PTC Scheduling Authorization email and Prometric Appointment Confirmation email to make sure everything is accurate (i.e., your first and last name, exam name, appointment date, time and location).
- Make yourself familiar with the location of your test center and parking options and check the weather and traffic conditions before you leave for the test center. Allow plenty of time as late arrival may prevent you from testing.
- In the event of inclement weather, check the Prometric website for site closures: <https://www.prometric.com/closures>
- Prometric's website provides information on what you can expect on your test day, including a walkthrough of check in and security procedures: <https://www.prometric.com/test-center-security>.
- This Handbook provides the Content Outline for the Examination (see appendix). Use this to help you start studying for the examination.
- Review What to Expect at the Test Center and Rules for the Examination on the next pages before your appointment.

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## WHAT TO EXPECT AT THE TESTING CENTER

- Candidate Check-In
  - Candidates will be asked to:
    - present their IDs.
    - empty and turn out their pockets.
    - walk through a metal detector or get “wanded”.
  - Eyeglasses, jewelry, and other accessories will be inspected.
    - Jewelry other than wedding and engagement rings is prohibited.
    - Leave these at home or place them in your locker.
  - Religious headwear may be worn into the testing room; however, it is subject to inspection by test center staff.
  - Prometric provides lockers to store purses, backpacks, mobile phones, jackets, food, drinks and medical supplies.
  - Water in a clear plastic containers (no labels) may be brought into the testing room.
- During the Exam
  - No breaks are scheduled during the exam.
  - Candidates are only permitted to leave the testing room to use the restroom or access food, drink, or medicine from their assigned locker. The exam timer will NOT be paused.
  - Smoking is prohibited at the testing center.
  - All examinations are monitored and may be recorded in both audio and video format.
- Keep in mind:
  - Other exams will be administered at the same time as your examination.
  - You may hear ambient noises such as typing, coughing, or people entering and exiting the testing room that cannot be avoided.
  - Prometric is unable to provide a completely noise-free environment.
  - Headphones may be requested to minimize the impact of ambient noise.
  - Proctors will periodically walk through the testing room as part of their monitoring process.
  - See [Prometric’s website](#) for more information about what to expect on testing day.

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## RULES FOR THE EXAMINATION

Read the information below carefully. You are responsible for adhering to the examination rules while at the testing center.

- DO NOT BRING

These items are strictly prohibited at the testing center. Leave these items in your car or your assigned locker.

- Cell phones and all other electronic devices
- Watches
- Jackets/coats/bulky clothing such as sweatshirts
- Hats (except hats worn for religious reasons)
- Jewelry, including watches and wearable technology.



- ⇒ You may NOT access the following at any time during your exam or breaks: papers, books, any reference materials; electronic devices including your cell phone. Candidates may access the following items from their locker: snacks, drinks, medicine, or other personal healthcare items.
- ⇒ No questions concerning content of the examination may be asked during the examination session. Read carefully the directions that are provided on screen at the beginning of the examination session.
- ⇒ You are prohibited from leaving the testing room while your examination is in session, except for going to the restroom. Candidates who do go to their lockers or the restroom will need to repeat the security screening before being permitted to reenter the testing room. **Candidates who leave the center will have their examinations terminated.**
- ⇒ See [Prometric's statement on Test Center Security](#) for more information.

Contact PTC at (212) 356-0660 or [www.ptcny.com/contact](http://www.ptcny.com/contact) with any questions about the Examination Rules.

**Irregular or improper behavior that is observed, made apparent by statistical analysis, or uncovered by other means before, during or after the examination will be considered a violation of these rules and may constitute grounds for invalidation of a candidate's examination. ABWMS will initiate an investigation and request suitable analyses and appropriate documentation.**

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## TESTING CONDITIONS OR EXAMINATION FEEDBACK

Any candidate who feels that the examination effort was negatively impacted by the test center conditions should notify the proctor immediately. The situation should also be reported to PTC at [www.ptcny.com/contact](http://www.ptcny.com/contact) within 15 days of the test appointment. Any comments about the test itself should also be reported to PTC at [www.ptcny.com/contact](http://www.ptcny.com/contact) within 15 days of the test appointment.

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## REPORT OF RESULTS

Candidates will be notified via email by the American Board of Wound Medicine and Surgery approximately four weeks after the close of the testing window whether they have passed or failed the examination. Scores on the major areas of the examination and on the total examination will be reported. Successful candidates will also receive certificates from the American Board of Wound Medicine and Surgery. Failure to receive the report of the results should be reported to the Professional Testing Corporation at (212) 356-0660.

### REQUESTING A HANDSCORE

Candidates who fail the examination may request a hand scoring of their data file. Hand scoring is a manual check of the data file by the testing service to determine if there have been any errors in scoring. Although the probability of such an error is extremely remote, this service is available. Requests for hand scoring must be received by PTC no later than 90 days after the date of the examination by completing and returning the Request of Handscore form on [www.ptcny.com](http://www.ptcny.com) with payment of \$25. Candidates who fail the examination will not be permitted to see the examination questions. For reasons of test security, no candidate is allowed to review the examination or any of its items.

To ensure correct reporting of results, PTC automatically performs handscores of examinations of candidates who score within 3 points of passing as a quality control measure. Thus, it is extremely doubtful that any examination results will change from “fail” to “pass” through handscoreing.

### CONFIDENTIALITY

ABWMS will release the individual test scores ONLY to the individual candidate. Any questions concerning test results should be referred to ABWMS or to PTC.

### REEXAMINATION

The Certification Examination for Physicians in Wound Medicine and Surgery may be taken as often as desired upon filing of a new Application and fee. There is no limit to the number of times the examination may be repeated.

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## EXAMINATION SECURITY

Candidates seeking admission to take the examination do so for the purpose of pursuing registration, and for no other purpose. Because of the confidential nature of the examination, candidates may not make or keep copies, excerpts, or notes of examination materials, and to not use or divulge information learned from the examination. The examination is the exclusive property of ABWMS and candidates may not use examination information in any way without the express prior written consent of ABWMS.

The Certification Examination for Physicians in Wound Medicine and Surgery is confidential. Candidates are required to sign a confidentiality agreement prior to the start of the examination.

Candidates agree to abide by the testing rules in effect at the time of their test appointment. ABWMS, PTC, and/or Prometric staff may refuse a candidate admission to the examination if they do not have the proper identification as detailed in the Candidate Handbook. Candidates who do not abide by the testing rules may have their exam terminated during the exam administration in order to maintain a secure and proper exam administration and/or exam scores invalidated.

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## **ATTAINMENT OF CERTIFICATION & RECERTIFICATION**

Eligible candidates who pass the Certification Examination for Physicians in Wound Medicine and Surgery are eligible to use the designation Diplomate after their names and will receive certificates from the American Board of Wound Medicine and Surgery. A registry of designated Diplomates will be maintained by the American Board of Wound Medicine and Surgery and may be reported in various publications.

The Diplomate designation is recognized for a period of 10 years provided the Diplomate pays an annual registration fee. After the 10 years, the Diplomate must: 1) complete a self-assessment exercise to allow the Diplomate to determine where practice improvements can be made; and, 2) accumulate 100 CME credit hours in wound medicine over the ten (10) year period.

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## **REVOCACTION OF CERTIFICATION**

Designation will be revoked for violations of the policies of the American Board of Wound Medicine and Surgery, including but not limited to:

1. Falsification of an Application.
2. Revocation of any current license to practice medicine.
3. Misrepresentation of designation status.
4. Failure to pay the annual registration fee.

The American Board of Wound Medicine and Surgery shall make all decisions regarding revocation of designation.

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## CONTENT OF THE EXAMINATION

The Certification Examination for Physicians in Wound Medicine and Surgery is a computer-based examination composed of a maximum of 200 multiple-choice, objective questions with a total testing time of three and a half (3.5) hours. The content of the examination is described in the Content Outline on the below.

The questions for the examination are obtained from individuals with expertise in wound medicine and surgery and are reviewed for construction, accuracy, and appropriateness by ABWMS and PTC's psychometricians. ABWMS, with the advice and assistance of the Professional Testing Corporation, prepares the examination.

The Certification Examination for Physicians in Wound Medicine and Surgery will be weighted in approximately the following manner:

I.	Basic Wound Science	10%
II.	Clinical and Diagnostic Evaluation	20%
III.	Treatment	30%
IV.	Risk Factors	10%
V.	Wound Etiology	25%
VI.	Practice Management	5%

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## CONTENT OUTLINE

### I. BASIC WOUND SCIENCE

- A. Vascular and Skin Anatomy and Function
- B. Physiology of Wound Healing
- C. Pathology
- D. Pathophysiology of Wounds
- E. Physiology of Oxygen in Wound Healing
- F. Embryology, Genetics, and Development
- G. Epidemiology

### II. CLINICAL AND DIAGNOSTIC EVALUATION

- A. History and Physical
- B. Wound Evaluation
  - 1. Wound Bed
  - 2. Wound Edge
  - 3. Slough and Eschar
  - 4. Exudate
  - 5. Undermining and Tunneling
  - 6. Periwound Skin

- 7. Wagner Scale
- 8. University of Texas
- 9. NPUAP
- 10. Rule of Nines
- 11. Classification of Osteomyelitis
- 12. Laboratory Studies
- 13. Wound Measurement
- C. Diagnostic Imaging
  - 1. Plain Film
  - 2. CT
  - 3. MRI/MRA
  - 4. Ultrasound
  - 5. Nuclear
  - 6. Invasive Vascular Testing
- D. Swab and Tissue Cultures
- E. Noninvasive Testing
  - 1. Oxygen Testing
  - 2. Vascular Testing
- F. Referral Criteria
  - 1. Burns



- 2. HBO
- 3. Vascular
- 4. ENT
- 5. Endocrine
- G. Evaluation for Protective Sensation
- H. Biopsy
  - 1. Infection
  - 2. Malignancy

### III. TREATMENT

- A. Medical Therapy
  - 1. Pharmacologic
  - 2. Pain Management
  - 3. Diabetes Management
  - 4. Nutrition Management
- B. Topical Wound Therapy
  - 1. Enzymatic Debridement
  - 2. Topical Anti-infectives
  - 3. Hydrogels
  - 4. Alginates
  - 5. Hydrocolloids
  - 6. Honey
  - 7. Foam
  - 8. Cleansers
- C. Surgical Therapy
  - 1. Surgical Debridement
  - 2. Bioburden and Biofilm
  - 3. Skin Grafts and Flaps
  - 4. Incision and Drainage
  - 5. Amputation
  - 6. Delayed Primary Closure
  - 7. Surgical Emergencies
  - 8. Foreign Body
  - 9. Revascularization Options
- D. Infection Management
  - 1. Antibiotic Therapy
  - 2. Isolation Indications
  - 3. Topical Antimicrobial
- E. Advanced Therapies
  - 1. Collagen Based Products
  - 2. Allografts and Xenografts
  - 3. Bioengineered Skin Substitutes (Dermagraft/Apligraf)
  - 4. Growth Factors (Becaplermin, PRP)
  - 5. Negative Pressure Wound Therapy (NPWT)

- 6. Hyperbaric Oxygen Therapy
- 7. E-Stim
- 8. Low-Frequency Ultrasound
- 9. Regenerative Medicine
- F. Compression Therapy
- G. Offloading Techniques
- H. Side Effects

### IV. RISK FACTORS

- A. Diabetes
- B. Obesity
- C. Neuropathy
- D. Smoking
- E. Immunosuppressive Agents
- F. Malnutrition
- G. Renal Failure
- H. Behavioral Issues
- I. Wound Chronicity
- J. Arteriosclerosis
- K. Aging
- L. Pharmacologic
- M. Colonization
- N. Risk Prevention

### V. WOUND ETIOLOGY

- A. Diabetic Foot Ulcer
  - 1. Charcot
  - 2. Neuropathic
- B. Venous Leg Ulcers
  - 1. Venous Hypertension and Reflux
  - 2. Post-phlebotic Syndrome
  - 3. Fibrin Cuff Theory
  - 4. Hemosiderin Deposition
- C. Arterial Ulcers
- D. Pressure Ulcers
  - 1. Pressure
  - 2. Shear
  - 3. Friction
  - 4. Moisture
  - 5. Staging
  - 6. Prevention
- E. Neoplastic Ulcers
- F. Infectious
- G. Autoimmune
- H. Traumatic
- I. Burn

- J. Lymphatic
- K. Factitious
- L. Insect and Animal Bites
- M. Atypical Wounds
- N. Institutionally Acquired
- O. Osteomyelitis

**VI. PRACTICE MANAGEMENT**

- A. Medical Ethics and Palliative Care
- B. Confidentiality
- C. Legal Issues
- D. Documentation
- E. Adherence/Compliance Issues
- F. Clinical Trials

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## SAMPLE EXAMINATION QUESTIONS

In the following questions, choose the one best answer.

1. Hyperbaric oxygen therapy is **CONTRAINDICATED** in patients who have
- 1. pulmonary embolism.
  - 2. arterial gas embolism.
  - 3. untreated pneumothorax.
  - 4. history of seizure disorder.

- 
2. Which of the following dressings is **NOT** safe in the hyperbaric environment?
- 1. Hydrogel
  - 2. Cotton gauze
  - 3. Calcium alginate dressing
  - 4. Petroleum based dressing

- 
3. The remodeling phase of wound healing is most likely to be identified by
- 1. erythema.
  - 2. hemostasis.
  - 3. scar formation.
  - 4. collagen formation.

- 
4. Which of the following pathophysiologies is common to many types of chronic wounds?
- 1. Ischemia-reperfusion
  - 2. Autoimmune disease
  - 3. Nitric oxide synthetase deficit
  - 4. Superoxide dismutase deficiency

Answers	
Q	A
1	3
2	4
3	3
4	1

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## ONLINE PRACTICE TEST

### WHY TAKE IT

To experience taking a computerized exam, to review content included in Certification Examination for Physicians in Wound Medicine and Surgery, and to learn more about question format, style, and level of difficulty.

### SCORE REPORT

After completing the online practice test, you will receive an instant score report showing test performance in each of the content areas. The score report does not provide correct answers or indicate which questions were answered correctly and incorrectly.

**NOTE:** The online practice test is an optional tool candidates may use as they prepare for the certification examination. While the practice test may help candidates identify areas of strengths and weakness, it should not be used as the only means to determine candidate preparedness or readiness to test. Since the practice test is NOT intended to be a study guide nor the sole source of preparation for the actual certification examination, candidates are NOT provided with the answer key, rationales for each question, nor notification of which specific items were answered correctly or incorrectly.

Though the specific questions that are on the practice test will not appear on the actual certification examination, it allows candidates to become familiar with the style of questions that may be asked. The instant score report received after practice test submission shows overall test performance as well as performance in each of the content areas. Candidates may find this information useful in determining future study needs. Once the practice test is scored, candidates cannot return to the test to review the questions. Performance on the practice test does not guarantee similar performance on the actual certification examination.

The PTC Online Testing System does not demonstrate the testing software used during the certification examinations. Those who purchase the online practice test should be aware that they will use a different testing platform when they take certification examinations at designated proctored testing centers.

The practice test is not a requirement for certification eligibility nor does it contribute in any way to success on the certification examination. There are many ways candidates should prepare for the certification examination. Candidates should use a variety of resources and consider their own education and experiences. Review the content outline and reference materials listed in the handbook for additional exam-related information.

### CONTENT INCLUDED

- |  |                         |
|--|-------------------------|
| I. Basic Wound Science                 | IV. Risk Factors        |
| II. Clinical and Diagnostic Evaluation | V. Wound Etiology       |
| III. Treatment                         | VI. Practice Management |

### FEES

\$100, paid by credit card.

### HOW TO APPLY

Go to <https://secure.ptcny.com/webtest> and follow the directions to apply.

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## REFERENCES

**The following references may be of some help in preparing for the examination. The list does not attempt to include all acceptable references nor is it suggested that the Certification Examination for Physicians in Wound Medicine and Surgery is necessarily based on these references. The American Board of Wound Medicine and Surgery does not endorse any reference or resource as an official study guide for the certification examination.**

Clinics in Plastic Surgery, Elsevier

Hyperbaric Medicine Practice, Fourth Edition, Kindwall and Whelan, Best Publishing Company, 2008

Hyperbaric Oxygen Therapy Indications, 14<sup>th</sup> Edition, Gesell, The Undersea and Hyperbaric Medical Society, 2008

MasterMinding Wounds, First Edition, Straus, Aksemov and Miller, Best Publishing Company, 2010

Schwartz's Principles of Surgery, Tenth Edition, Brunickardi et.al., McGraw-Hill Professional, 2009

Skin and Wound Care, Eighth Edition, Hess, Lippincott Williams & Wilkins, 2007

The Epidermis in Wound Healing, Rovee and Maibach, CRC Press, 2004

Wound Care, Fourth Edition, Sussman and Bates-Jensen, Aspen Publishers, 2012

Wound Care Certification Study Guide, Second Edition, J. Shaw, M.D. (Author), P. J. Sheffield, PhD, Caroline E. Fife, MD, Best Publishing Company, 2016

Wound Care Essentials, Fifth Edition, Baronowski and Ayello, Lippincott Williams & Wilkins, 2011

Wound Care Made Incredibly Simple, Second Edition, Burghardt, Lippincott Williams & Wilkins, 2006

Wound Care Practice, Second Edition, Sheffield, Smith and Fife, Best Publishing Company, 2007

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