

FACULTY GUIDE TO THE STUDENT BP MEASUREMENT ESSENTIAL SERIES



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1. AMA'S 'STUDENT BP MEASUREMENT ESSENTIAL SERIES' OVERVIEW





BP MEASUREMENT ESSENTIALS: STUDENT EDITION

Covers information about importance of in-office BP measurement, devices, preparation, positioning. and procedure for in-office BP measurement and basics of SMBP

Includes practice exercises for in-office BP measurement



≈35 mins



Novice



BP MEASUREMENT REFRESHER: STUDENT EDITION

Covers the preparation, positioning, and procedure for in-office BP measurement from the Essentials module and acts as a refresher



≈10 mins



Intermediate



SELF-MEASURED BLOOD PRESSURE (SMBP) ESSENTIALS: STUDENT EDITION

Covers all the necessary information to train patients in conducting SMBP from their homes



≈15 mins



Novice



MEASURING BP IN REAL-WORLD SETTINGS: STUDENT EDITION

Covers tips and tricks on how to work with common realworld challenges during inoffice BP measurement



≈12 mins



Intermediate



PRACTICE EXERCISES FOR MEASURING BP: STUDENT EDITION

Provides practice exercise for in-office BP measurement preparation, positioning, and procedure



≈15 mins



Advanced

2. WHY IS THE STUDENT BP MEASUREMENT ESSENTIAL SERIES HELPFUL?



BP measurement is the most-commonly performed procedure in clinical practice.

Accurate BP measurement is critical to patient care and requires mastering several skills.

A recent <u>study</u> highlights the requirement for additional training as medical students do not attain mastery of the skills required to measure BP accurately.

"159 students from around the country were assessed on 11 BP measurement skills – only one student was proficient on all 11 skills."



Another <u>study</u> shows that the AMA series has produced showed pronounced improvements in patient preparation, positioning, and cuff sizing and placement among medical and nursing students.

"After completing the first module in the series, more than 75% of students correctly identified proper technique for preparation, positioning, cuff selection, and BP measurement."







BP MEASUREMENT ESSENTIALS: STUDENT EDITION

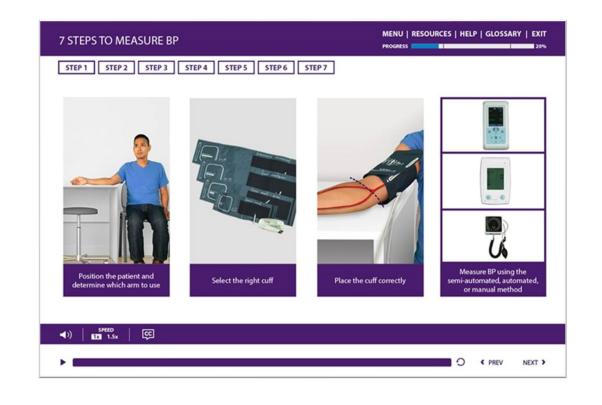


≈35 mins

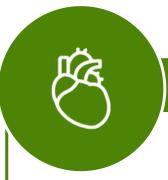


Novice

- The module supports existing efforts
 within health care schools to ensure all
 health care students are learning the latest
 evidence-based techniques as their peers
 and future care team members.
- The first two sections cover the importance of BP, basic terminology and equipment and practices required for in-office measurement.
- The third section covers the topic of Self-Measured Blood Pressure (SMBP).







BP MEASUREMENT ESSENTIALS: STUDENT EDITION



≈35 mins



Novice

Learning objectives:



Section 1 Introduction

- Explain the importance of accurate blood pressure measurement and review the current epidemiology
- Define the basic concepts of blood pressure
- Identify the different equipment used to measure blood pressure and their key features



Section 2 Measuring in-office

- Demonstrate how to properly prepare and position a patient for BP measurement
- Perform BP measurements on a manual, semiautomated, and automated device
- Identify the different categories of blood pressure



Section 3 Self-measured blood pressure

- Define self-measured blood pressure, or SMBP
- Describe the importance of SMBP and how it can be used to diagnose and manage hypertension
- Identify how to choose the right equipment for SMBP measurements
- Explain how to perform selfmeasured blood pressure and document the measurements





BP MEASUREMENT REFRESHER: STUDENT EDITION

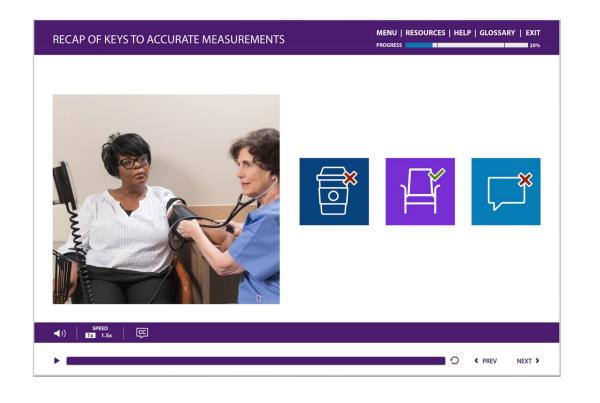


≈10 mins



Intermediate

- The module is a condensed version of BP Measurement Essentials: Student Edition and is designed to follow it as an ongoing re-training for all health care students.
- It supports existing training efforts as students begin clinical experiences and throughout their career.







BP MEASUREMENT REFRESHER: STUDENT EDITION



≈10 mins



Intermediate

Learning objectives:



Objective 1

Prepare and position a patient for blood pressure (BP) measurement



Objective 2

Perform BP measurements on manual, semi automated and automated device



Objective 3

Identify the different categories BP





SELF-MEASURED BLOOD PRESSURE ESSENTIALS: STUDENT EDITION

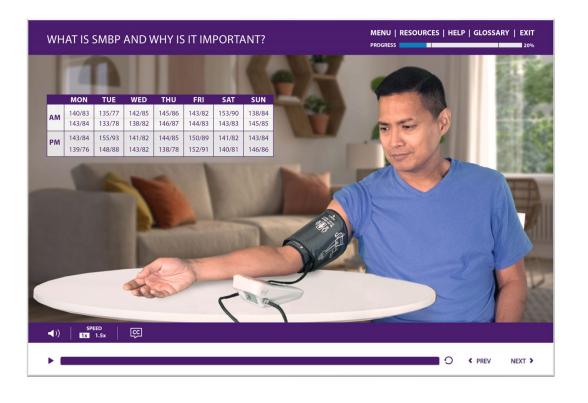


≈15 mins



Novice

 The module informs health care students' understanding on how to properly partner with patients to measure BP – at home and in the office – to drive improved quality of care for patients with hypertension, during training and beyond.







SELF-MEASURED BLOOD PRESSURE ESSENTIALS: STUDENT EDITION



≈15 mins



Novice

Learning objectives:



Objective 1

Define self-measured measured blood pressure (SMBP)



Objective 2

Describe the importance of **SMBP**



Objective 3

Identify how to choose the right equipment for **SMBP** measurements



Objective 4

Explain how to perform SMBP and document the measurements



Objective 5

Identify the resources you can use with patient to help them measure BP correctly





MEASURING BP IN REAL-WORLD SETTINGS: STUDENT EDITION

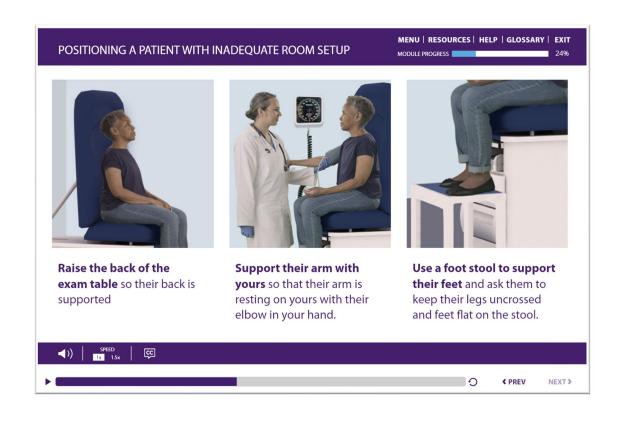


≈12 mins



Intermediate

- The module offers health care students strategies and best-practices for navigating common, real-world challenges of measuring accurate BP in health care settings.
- It provides practice in communicating with patients sensitively to ensure the accuracy of BP readings while providing high-quality patient care.







MEASURING BP IN REAL-WORLD SETTINGS: STUDENT EDITION



≈12 mins



Intermediate

Learning objectives:



Objective 1

Identify the different factors that can lead to inaccurate BP measurements



Objective 2

Describe how to properly prepare and position patient to measure their blood pressure



Objective 3

Explain how to manage situations when the ideal preparation and room set up for blood pressure is not possible



Objective 4

Identify ways to care patients sensitively when preparing and positioning them for BP measurements





PRACTICE EXERCISES FOR MEASURING BP: STUDENT EDITION

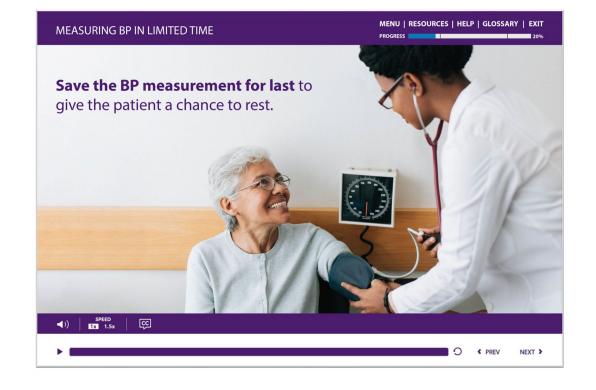


≈15 mins



Advanced

- The module is designed to follow the Measuring BP in Real World Settings: Student Edition as ongoing re-training for health care students.
- It provides health care students with additional practice scenarios on implementing the key steps of measuring BP in real-world situations using various devices.







PRACTICE EXERCISES FOR MEASURING BP: STUDENT EDITION



≈15 mins



Advanced

Learning objectives:



Objective 1

Identify tactics to deal with imperfect clinical settings for blood pressure measurements, which may occur in real-world situations

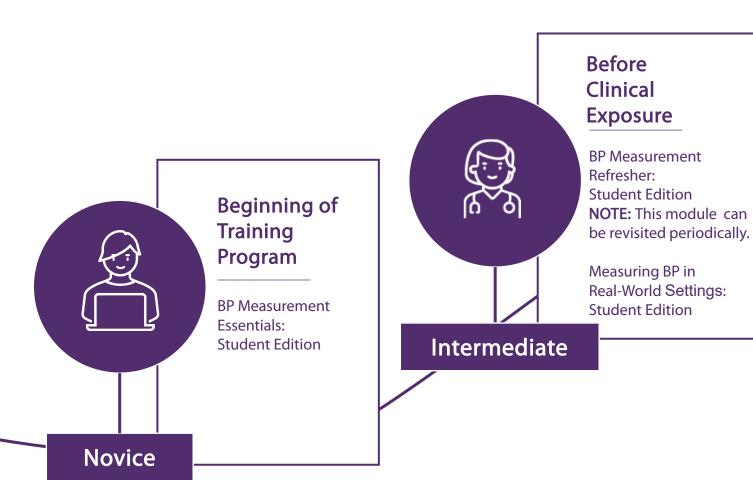


Objective 2

Practice the key steps to take blood pressure using different types of blood pressure devices

4. WHEN SHOULD THE MODULES BE DELIVERED?





Before or After Some Clinical Exposure

Practice Exercises for Measuring BP: Student Edition

Self-Measured Blood Pressure Essentials: Student Edition

Advanced

5. HOW TO ACCESS THE STUDENT BP MEASUREMENT ESSENTIAL SERIES



The BP modules are **freely available** for all AMA members to access.

Step 1

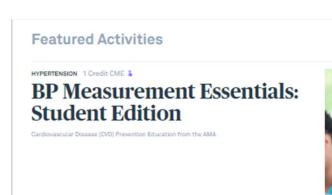
Go to the AMA CVD Prevention Education site on AMA's Ed Hub and log in https://edhub.ama-assn.org/ama-cvd-prevention-education

Step 2

If you do not have an existing log in please create a new one using your email address (preferably edu email address).

Step 3

Find modules under the 'Featured Activities' section or by selecting the 'Browse Activities' button on the home page.



HYPERTENSION 0.5 Credit CME \$

BP Measurement Refresher: Student Edition

Cardiovascular Disease (CVD) Prevention Education from the AMA



HYPERTENSION 0.5 Credit CME \$
Self-Measured Blood Pressure Essentials:
Student Edition

Cardiovascular Disease (CVD) Prevention Education from the AMA



6. BEST PRACTICES AND TIPS FOR THE STUDENT BP MEASUREMENT ESSENTIAL SERIES



- Assign modules as homework or pre-work to provide basic information and use classroom time to practice skills with real patients or even on practice case studies or <u>Objective</u> <u>Structured Clinical Examination (OSCE) cases</u>.
- Use classroom time to focus on areas that students struggle with, such as patient preparation, cuff sizing and placement, and determining the correct number of readings.
- Encourage students to revisit modules as needed throughout their journey as a learner.
- Encourage students to use resources provided in the eLearnings as learning and job aids across personal and clinical spaces to serve as reminders for best practices, e.g., the ABC QUES pocket card.
- Leverage assessment cases and tools developed by the AMA grantees.

