




Point of Care Training (EKG) for the Medical Assistant

A healthcare professional wearing blue nitrile gloves is holding a printed EKG strip. The strip shows a clear heart rate rhythm. In the background, a patient is lying down with EKG electrodes attached to their chest. The text "Optimizing patient care with the latest EKG technology" is overlaid on the image.

**Optimizing patient
care with the latest
EKG technology**

The problem

Medical technology changes at an ever increasing pace.

Medical Assistants need to be provided with the latest EKG technology to perform EKG's in the medical office environment confidently.





The solution

Wallingford Adult Education purchased a new GE Mac 1200 EKG Machine, 12 lead with display and printer.

Students were provided with step by step training on a manikin and peers.

The Evaluation

Practical Skills Evaluation

Students must be evaluated by the instructor for each step of the EKG process.

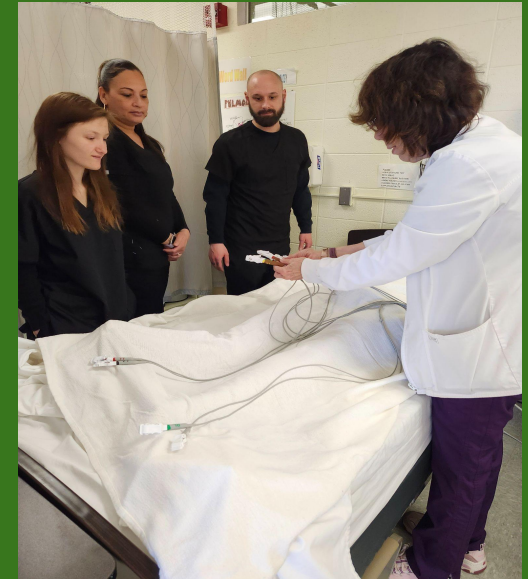
This includes:

- Equipment Set-up
- Infection Control
- Patient Communication
- Electrode Placement
- EKG Machine Operation
- Exiting the Patient
- Clean-up



Written Knowledge Test

Students take a written exam



Student Survey

Do you feel having an up to date EKG machine was helpful in learning the skills needed for performing and EKG in a doctor's office? 10:10 Yes

What did you like about the hands-on EKG Training?

"I like that we got to see exactly how to perform an EKG"

"I learned how to place the electrodes...the hardest part"

"...it made learning a lot easier"

"Everything was color coordinated and labled. It allowed me to map out the electrodes correctly"

"It was very helpful to walk through (the procedure), with corrections as needed, and how to communicate with the patient"

Do you feel ready to do an EKG test in your externship? 10:10 Yes

If you did not have the latest technology of this EKG machine, would you have felt well trained? 10:10 No

Conclusion



Students showed full competency in their practical skills for machine set-up, infection control, patient communication, EKG application, and clean up.

Students passed the written EKG exam. The Instructor was confident that all students were ready for externship ECG testing.