

Salt River Fire Department EMS Policies and Procedures

Blood Glucose Quality Control



01/2003

402.03

PURPOSE

The purpose of this policy is to outline the process of field blood glucose monitoring.

POLICY STATEMENT

Blood Glucose testing is a procedure approved by the Medical Direction Commission of the Arizona Department of Health Services (AZDHS), Office of EMS, for use by certified EMT's (Basic to Paramedics), under the direction of an ALS Base Hospital or Medical Director. The ALS Base Hospital may delegate the responsibility of managing the Quality Control Program to a Provider Agency with a current CLIA Certificate of Waiver.

RESPONSIBILITY

Blood Glucose Quality Control Program is a cooperative effort between Salt River Fire Department and the Department's Base Stations. Both ALS and BLS providers are responsible for the quality control of all equipment and materials necessary to complete accurate field blood glucose monitoring. The ADHS requires the completion and documentation of Quality Control testing as described below.

Company Officers are responsible for maintaining and monitoring compliance with the Blood Glucose program requirements within their crews, although some duties may be delegated. Notice of quality control failure, concerns, or questions should be routed to the EMS Section by the company officer or his/her designee.

PROCEDURE

You must calibrate your monitor so it can recognize the test strip you are using. This ensures that your results are accurate. Failure to calibrate properly will cause incorrect results.

You must calibrate your monitor each time you open and use a new box of test stripes. Use only the calibrator that comes with the new box of test stripes. When the box is empty, Throw the calibrator away.

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How to calibrate

Hold the calibrator with the LOT number facing toward you. Insert the calibrator into the test port. Push it in until it stops.

Check that the LOT number matches on **all** of these items: monitor display window, test strip calibrator, test strip instructions for use, test strip foil packet.

STANDARD

Field blood glucose testing is a diagnostic tool used by the Salt River Fire Department in accordance with National, State and Local guidelines.