TOPIC #3:   GLUCOMETER ELITE XL

1. test slot
2. test end
3. test strip
4. button
5. screen
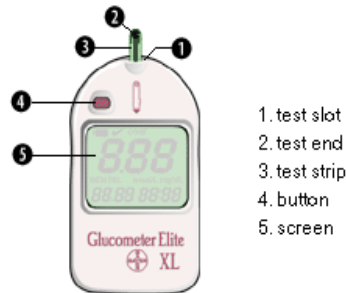
The Glucometer Elite XL is a blood glucose, or blood sugar, monitoring system. This monitor gives test results in only 30 seconds and automatically turns off in 3 minutes. It stores up to 120 test results with time and date. Pictured to the right are the needed components for testing blood glucose levels in the field. The Glucometer elite XL measures blood glucose levels between 20 and 600 mg/dl.

BATTERIES
The Glucometer Elite XL operates on two lithium batteries (CR2032). Place the batteries into battery compartment with the "+" side up. Slide battery compartment lid back into place by lining up with the slots and closing firmly. Replace batteries when the meter displays the battery symbol. Test results stored in the memory are not erased when batteries are changed, but the time must be reset.

SET TIME
Hold button for 5 seconds to place meter in "set-up" mode. Press the button to change the display as it flashes (you have 5 seconds to make changes).
Display 1- Press button to switch beeper on and off.

Display 2- Press button to set time.
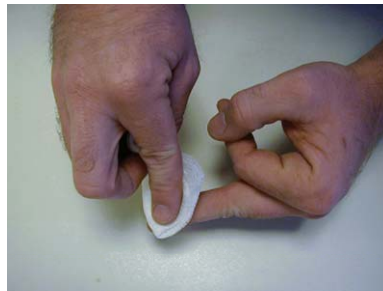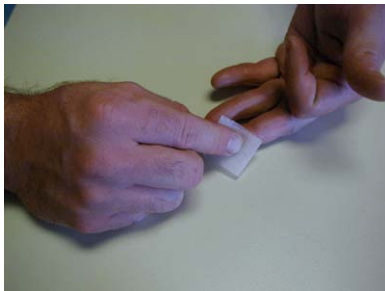Display 3- Press button to format clock (12/24 hr. day). Date & Units.

CODE THE METER

Code the Glucometer Elite XL whenever a new box of test strips is opened. Insert the code strip into the slot as shown. A beep will sound and a full display appears. Another beep sounds and the code number appears in the display (ie; F-5). Remove codes strip and save it for later use.

BLOOD GLUCOSE TEST

Prep the side of the patients' middle finger and wipe dry with a 4 x 4 gauze. Be sure finger surface is clean and dry or you will get a false reading. Insert the test strip fully into meter until you hear a beep. The Glucometer will turn on and alternately flash the code # (i.e.; F-5) and the previous test result. *Always check the expiration date on the test strip foil packet or carton. Use test strips immediately after removing from the packet. Test strips cannot be re-used.*

Gently squeeze prepped finger and puncture skin with lancet devise. Dispose of lancet devise immediately into an approved sharps container to prevent injury or contamination to yourself and others. A small drop of blood should form at the puncture site. Touch and hold the TEST END TIP of test strip to the drop of blood until the meter beeps.

Capillary action at the end of the test strip automatically draws a small amount of blood into the reaction chamber. The Glucometer will begin counting down. After 30 seconds your test result is displayed. Do not remove test strip until the test result is in the display screen. After completion of test remove test strip and dispose of in an approved sharps container.

CARE AND CLEANING
The exterior of the meter can be cleaned with a moist (not wet) lint free cloth and disinfectant solution. Wipe dry. Store meter in case provided. Avoid exposing meter and test strips to excessive heat, humidity, cold, dust or dirt.

MEMORY AND RECALL
The Glucometer Elite XL holds 120 tests. To recall test results, press the button to turn Glucometer on. Press button again to obtain last test result with date and time. Keep pressing button for more past results.

More information regarding the Glucometer Elite XL is available at
www.glucometer.com