Procedure/Skill Evaluation

Student:_____ Level: □ EMT □ EMT- I / A Date:_____

Time

Evaluator:_____ Start:_____ End:_____ Total:_____Pass/Fail ___

Blood Glucose Assessment

Indications	Altered mental status, confusion or disorientation; any patient in whom you suspect hypoglycemia or hyperglycemia
Red Flags	Contamination of equipment or site can cause false reading. Daily calibration may be required. Do not use venous blood when machine requires capillary blood, or vice versa.

Don appropriate standard precautions	
Prepare Equipment and Site	
Prepare glucometer and equipment	
Ensure glucometer is calibrated	
Ready glucometer for testing (manufacturer's recommendation)	
Open and insert new testing strip	
Power on device so that it ejects testing strip	
Select site - Fingertip or pad of finger	
Prepare site	
Ensure skin is not broken or bleeding	
Massage finger to be used from palm up (if needed and applicable)	
Cleanse area vigorously with alcohol prep pad	
Assess Blood Glucose Level	
Grasp finger to be sampled firmly below pad	
Do not occlude circulation	
Perform puncture with lancet, Quickly and firmly	
Sides of finger pads are less sensitive than pads themselves	
Dispose of sharp immediately into appropriate container	
Apply drop of blood to glucometer strip	
If blood flow is limited, "milk" finger by slowly squeezing from palm to site	
Do not squeeze skin surrounding puncture site	
Watch for glucometer response	
Should begin to count down when a sufficient sample is obtained	
May display error message, follow manufacturer's recommendations	
Control bleeding - Apply adhesive bandage or ask patient to pinch small piece of gauze	
Obtain reading	
Does reading make sense given patient's clinical condition?	
Consider assessing at another puncture site if value seems suspicious	

Critical Criteria:

__ Don appropriate standard precautions
__ Dispose of sharps in appropriate container