

Name: _____ Date _____

| | Ultrasound-Guided Peripheral IV Access Skills Assessment | Yes | No |
|----|--------------------------------------------------------------------------------------------------|------------|-----------|
| 1 | Understand the basic ultrasound system setup and probe selection on the ultrasound system | | |
| 2 | Select appropriate linear transducer | | |
| 3 | Select appropriate exam setting | | |
| 4 | Identify depth markers | | |
| 5 | Determine the appropriate gain settings by adjusting the Near, Far, and overall Gain buttons | | |
| 6 | Describe Autogain and when it should be used | | |
| 7 | Understand the green dot on the screen and its significance to the probe and the image | | |
| 8 | Turn on and off the center guideline markers (L25 Transducer only) | | |
| 9 | Describe how the guidelines are used and its relationship to the probe (L25 Transducer only) | | |
| 10 | Understand the importance of gel and when to use sterile and non-sterile gel | | |
| 11 | Be able to identify skin, subcutaneous fat, muscles, vessels and nerves on the ultrasound image | | |
| 12 | Show pulsations of the artery and compression of the vein | | |
| 13 | Use compression to determine the difference between the vein and the artery | | |
| 14 | Describe the terms hyperechoic, hypoechoic and anechoic structures and show on an image | | |
| 15 | Image vessels in the sagittal scan plan | | |
| 16 | Image vessels in the transverse scan plane | | |
| 17 | Describe beam thickness | | |
| 18 | Show good hand position on the transducer | | |
| 19 | Position vessel directly under probe and center guidelines for skin marking | | |
| 20 | Position needle into phantom vessel by using the "Sliding Technique" of following the needle tip | | |
| 21 | Identify the needle tip as it enters the phantom with ultrasound | | |

SonoSite Specialist _____ Date _____

This assessment provides a general overview of the basic ultrasound examination, evaluations, and procedures performed while performing an ultrasound-guided peripheral IV insertion. This assessment does not constitute professional medical advice or a complete course of training. You should not perform an ultrasound-guided peripheral IV insertion solely in reliance upon the information from this skills assessment.