

Procedure Competency Assessment Tool – Lumbar Puncture

Provider: _____

Date: _____

Procedure: 62270 Diagnostic 62272 Therapeutic 76942 U/S Guidance for Needle Placement
 Neonatal/Infant Adult/Child

How many of this procedure have you completed thus far? _____

Please circle the descriptor corresponding to the candidate’s performance in each category, **irrespective of the training level.**

Indication/Informed Consent:

Novice	Competent	Expert
Not sure of the patient’s history, context of the procedure, or has knowledge gaps in procedure contraindications or potential complications	Understands the general indications, contraindications, potential complications, and clinical value of procedure; able to explain to patient	Clearly articulates the clinical value, potential complications, and alternatives to patient; able to accurately answer all patient questions to obtain informed consent

Knowledge of Specific Procedure:

Novice	Competent	Expert
Deficient knowledge; unable to articulate procedure steps	Able to articulate all important steps of procedure	Demonstrates familiarity with all aspects of procedure

Procedure Setup:

Novice	Competent	Expert
Does not gather required supplies, poor patient positioning, poor sterile technique, or does not properly identify landmarks	Gathers key instruments and supplies; properly positions patient; identifies landmarks and needle entry site; maintains sterile technique	Anticipates supplies needed for unexpected complications; ergonomic setup of all instruments and supplies

Ultrasound: Not Applicable

Novice	Competent	Expert
Unsure of orientation and alignment of transducer, how to optimize image, or difficulty identifying key structures	Properly orients and scans with the transducer to acquire images needed; identifies key structures	Rapidly acquires optimal images (gain, depth, etc.) to visualize and guide needle to target

Needle Positioning:

Novice	Competent	Expert
Corrections needed to properly position and direct needle or handle stylet	Properly handles stylet, independently positions and directs needle, repositioning or redirecting as needed	Easily positions and directs needle without need for repositioning or redirection

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Manometry: [] Not Applicable

Novice	Competent	Expert
Improper positioning or timing to take accurate CSF pressure measurement	Demonstrates proper technique to obtain accurate CSF pressure measurement	Obtains accurate CSF opening pressure measurement with ease

Procedure Flow and Efficiency:

Novice	Competent	Expert
Frequently stops procedure and seems unsure of next move, or many unnecessary moves	Demonstrates some forward planning with reasonable progression of procedure; efficient time/motion but some unnecessary moves	Obviously plans course of procedure with effortless flow from one move to the next; clear economy of movement and maximum efficiency

Management of Complications: [] Not Applicable

Novice	Competent	Expert
Does not recognize or appropriately address developing complication	Recognizes and appropriately addresses developing complication	Immediately recognizes developing complication; manages with precise direction and without hesitation

Overall on this task did the provider demonstrate competency to perform this procedure independently?

Yes _____ No _____

Comments:

Attending Name (Print): _____

Signature/Date: _____