

# **Developing a Procedure-based Checklist Using a Modified Delphi**

**Julie Morris, DHEd., MS**

**Health Professions Education Research Scholars (HERS)**

## **Abstract**

As part of this HERS Research project I have developed a Lumbar puncture procedure-based checklist. To ensure items on the checklist are standard I conducted a Modified Delphi.

The initial study and as part of fulfillment of my HERS Project I completed the plan in two stages. During Stage 1, I developed a Lumbar Puncture procedure-based checklist using the Emergency Procedure and Techniques. Fourth Edition (Simon, R.R., Brenner, B.E., 2002) as a guide. During stage two I conducted Modified Delphi.

**Stage 1:** Development of procedure-based checklist in the Center for Simulation, Research, and Patient Safety (Table 1).

**Stage 2:** Conducted three virtual sessions with physicians and Advanced Care Providers (ACPs), from various specialties, who perform Lumbar Puncture regularly.

- Round 1- Reviewed Project Goals. Committee was asked to review initial procedure-based checklist to change, add, or take away items
- Round 2- Reviewed comments, item changes from each committee member.

Researcher took all the comments and changes from the committee member and developed the final Procedure-based Checklist.

- Round 3- Final checklist was approved by committee members.