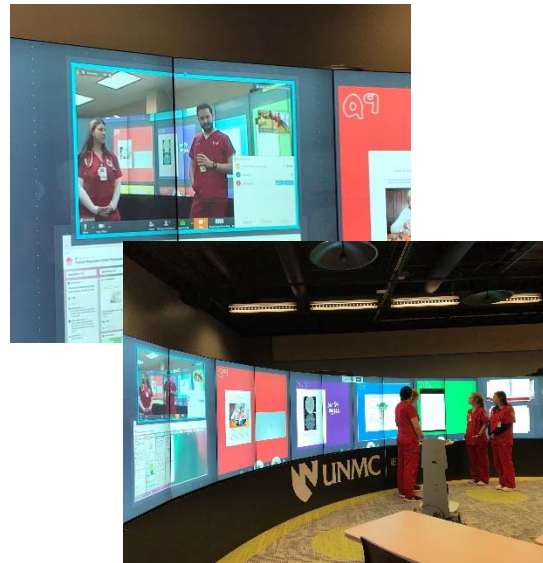


# Use of MultiTaction i-Wall to Enhance Multi-Sensory Learning

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- **Introduction:** Multi-taction I-Walls are emerging as an ultimate touch technology that may help facilitate a complete multi-sensory and collaborative solution for digital learners. This learning strategy can be implemented in multiple locations. Using a multi-sensory approach to engage the student in active learning requires knowledge and availability of technology, technology support, and faculty development time.
- **Purpose:** To enhance learning through a multi-campus collaborative approach.
- The UNMC College of Nursing Scottsbluff Campus and the Omaha campus participated in a Pediatric Diabetic Ketoacidosis case study developed to enhance knowledge and decision making skills using a multi-sensory teaching strategy.



## Development:

- Faculty met with iEXCEL staff to review the iWall and construction of the activity
- Students were provided with a pre-assignment to be completed and added to the iWall in Advance
- Faculty and iEXCEL staff completed a practice run of the case study in advance
- Scottsbluff faculty and students completed the case study first with Omaha faculty observing on the iWall.

## Implementation:

- Small groups of Omaha students presented their responses to case study questions with material on the iWall.
- 63 students in Omaha observed from another room when not presenting and participated in a Padlet activity for engagement.
- Scottsbluff students interacted with the groups by asking clarifying questions and added their own findings from the case.
- The activity took about 90 minutes for the review of 18 questions related to the case study.
- **Results:**
  - Students found the activity to be an interesting way to learn the material, enjoyed working with technology, found an increase in learning.
  - Students also requested more time to practice with the iWall first and pointed out some issues that provided insight for the faculty for future improvements.

