ARISE BI-ANNUAL WORKSHOP

February 2017

Agenda

- Technical Updates
- Website: www.ariseproject.com
- Storylines and Disciplines Released
- Upcoming Storylines
- New Augmented Reality features

- Hands-On Demonstrations
  - High fidelity simulation
  - Low fidelity simulation

- Survey Results to Date
- Troubleshooting/Sticking Points
- Question and Answer Time

Introductions

- Your name and role at your college
- Is there anything particular you are hoping to learn during our workshop today?

Technical Updates

- iPads:
  - Update to iOS 10.2 or higher
  - ARISE latest update: 20161220
  - Run ARIS game “Bug fix” to resolve video streaming issues
  - www.ariseproject.com

- Recommendation – Display ARISE scenarios to student groups using:
  - VGA connector
  - Apple TV (demonstrated in HPS room)
  - AirServer app (demonstrated in HPS room)
    - Videos do not always play well though

New Website

www.ariseproject.com

- Login from anywhere to access teaching plans and curriculum mapping table

- Other resources available:
  - Videos
    - ARISE project overview
    - Demo with students including pre-brief, simulation, debrief
    - Student perspective demo using iPads and QR codes
  - HELP section
    - FAQ
  - Webinar recordings (coming soon)

Storylines Released to Date

- Wound Management
- Therapeutic Communication – Serious Games
- Typical Chest Pain Male
- Atypical Chest Pain Female
- End of Life
- Pediatric Pain
- Pediatric Asthma (MA and RT released; Nursing and EMT/P coming soon)

- See Curriculum Mapping table on WIDS and website

Upcoming Storylines

- Heart Failure
- OB
  - Prenatal care
  - Labor and Delivery
  - Postpartum
  - Complications
- Newborn
- More Serious Games

Disciplines

- Nursing
- Respiratory Therapy
- Medical Assistant
- EMT
- Paramedic

- Coming Up in Heart Failure Storyline:
  - Pharmacy Tech
  - C.N.A.

New AR Features

- Lung sounds according to anatomical location
- Lung sound “hot spots” for EMT/Paramedic
- End of Life: sacral wound
- Writable ventilator flowsheet for Respiratory Therapy

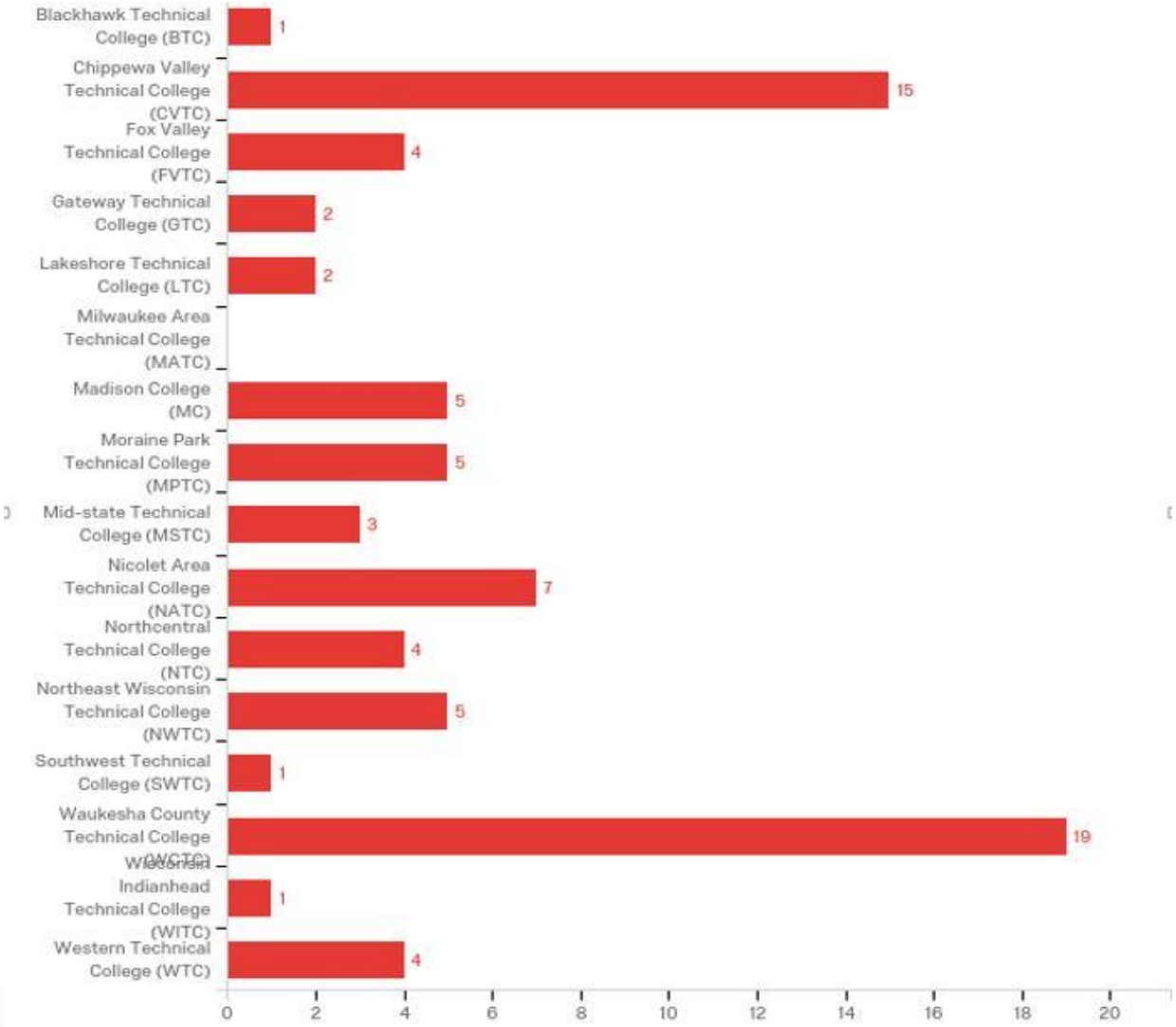
- Working on:
  - Ventilator Customization

Hands-On Demonstration

*Note: Please leave Wi-Fi enabled devices in this room

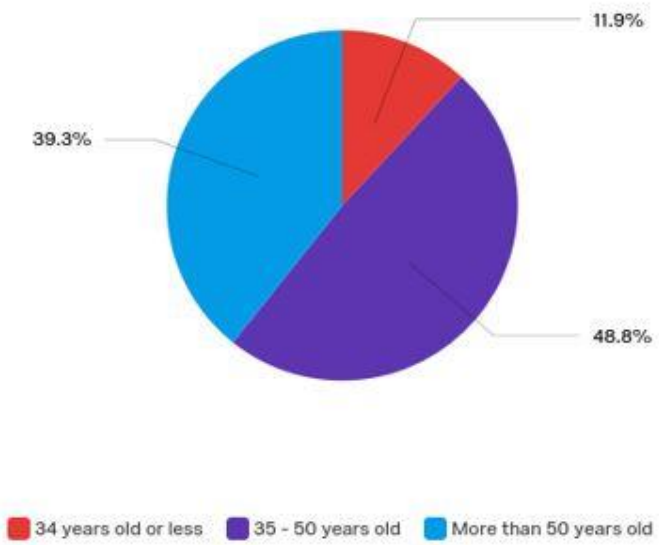
Faculty/Staff Survey

Participation (n=78)



Faculty Age Range

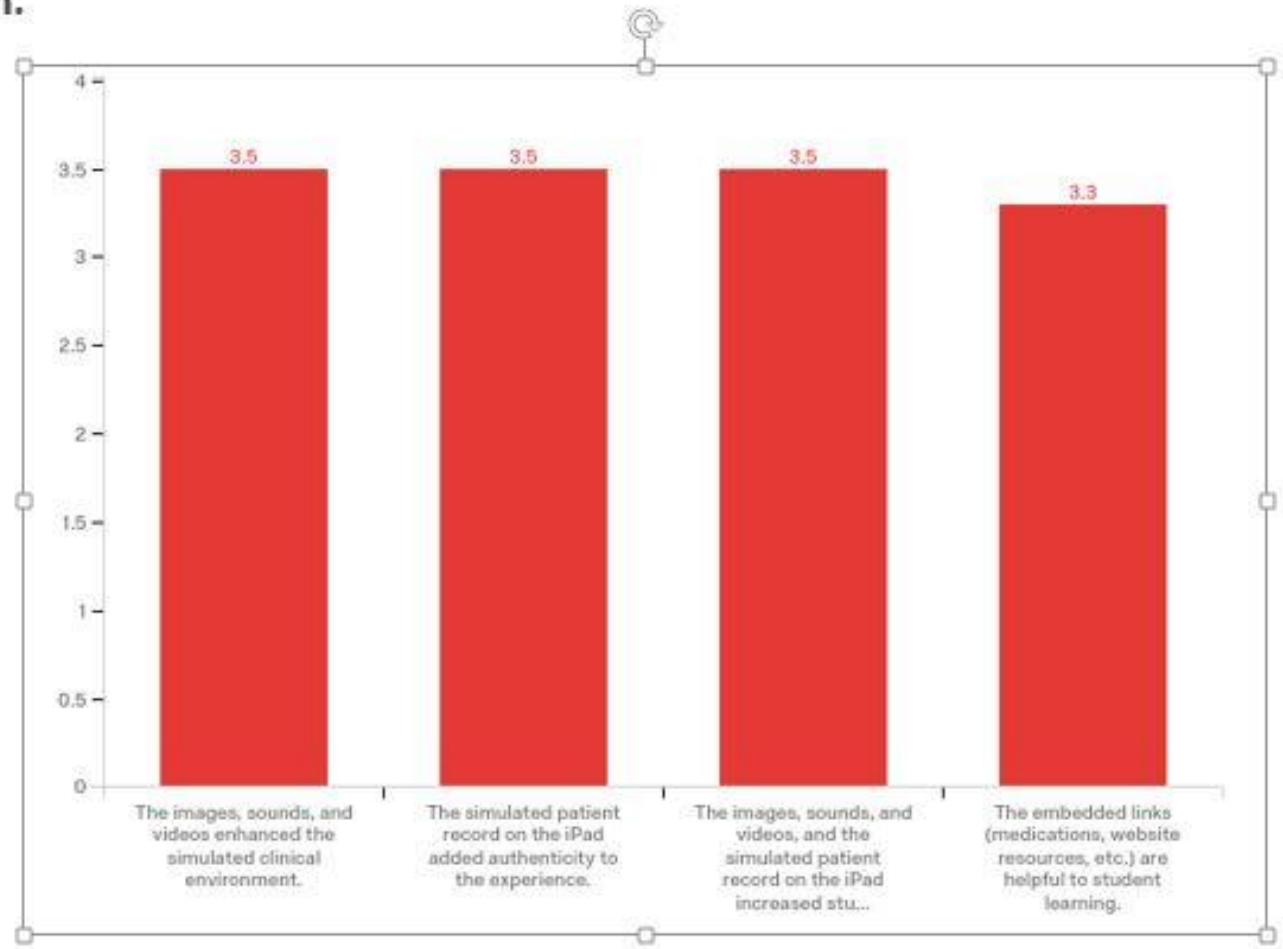
Q5 - What is your age range?



#	Answer	%	Count
1	34 years old or less	11.90%	10
2	35 - 50 years old	48.81%	41
4	More than 50 years old	39.29%	33
	Total	**100%**	**84**

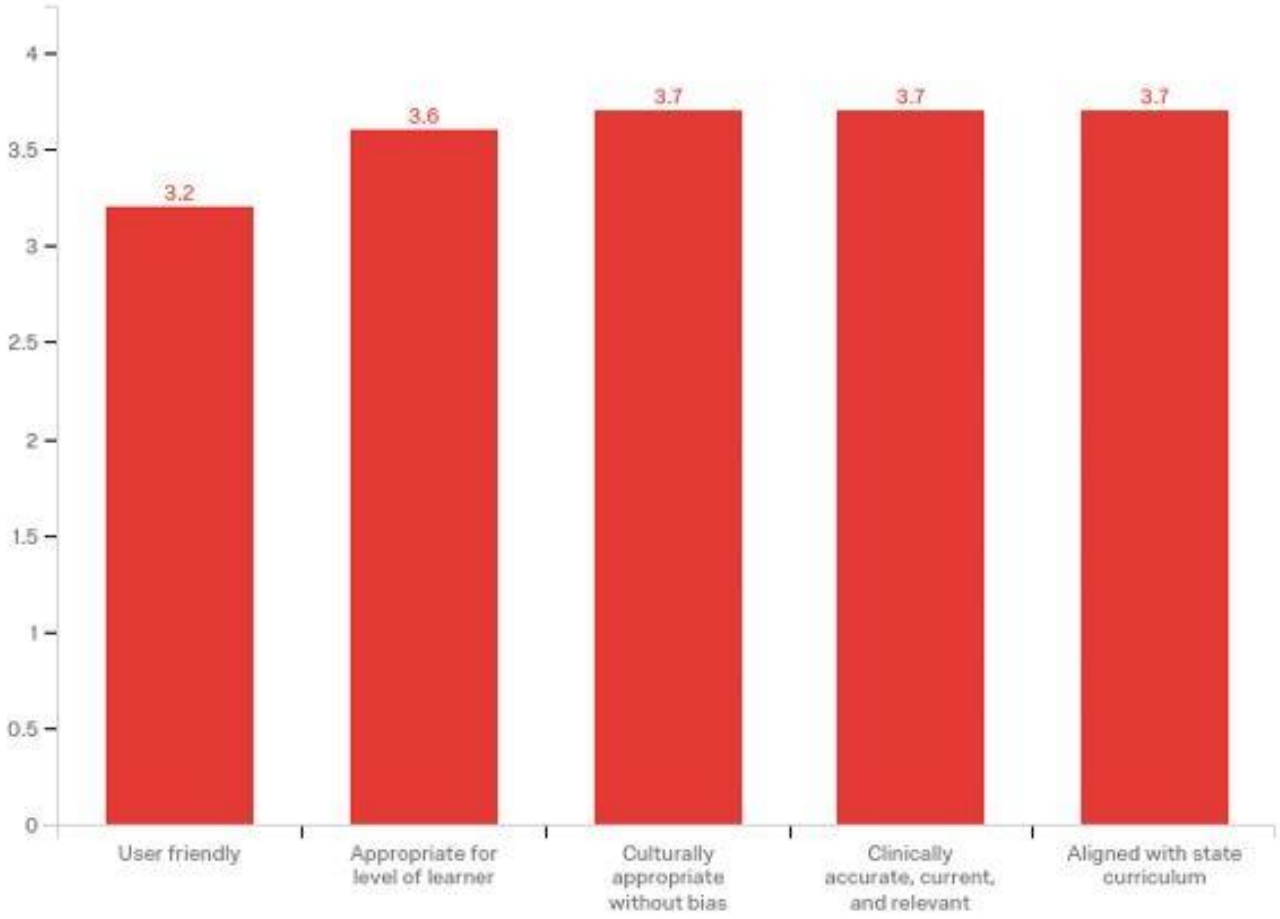
Faculty Survey: AR

Please rate your level of agreement...regarding the use of augmented reality in simulation.



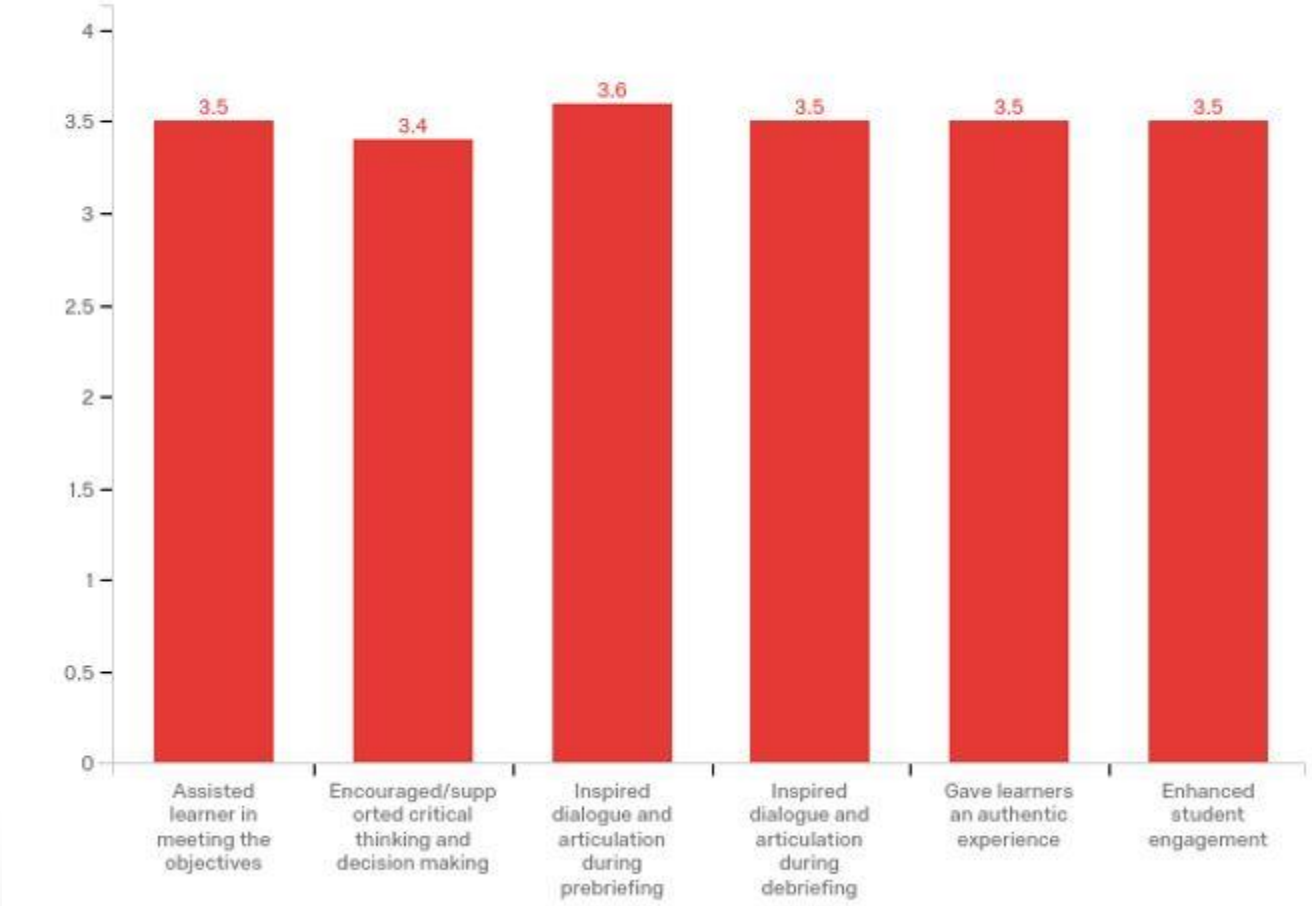
Faculty Survey: Teaching Plans

Please rate your level of agreement...regarding the Written Curriculum/Teaching Plans.



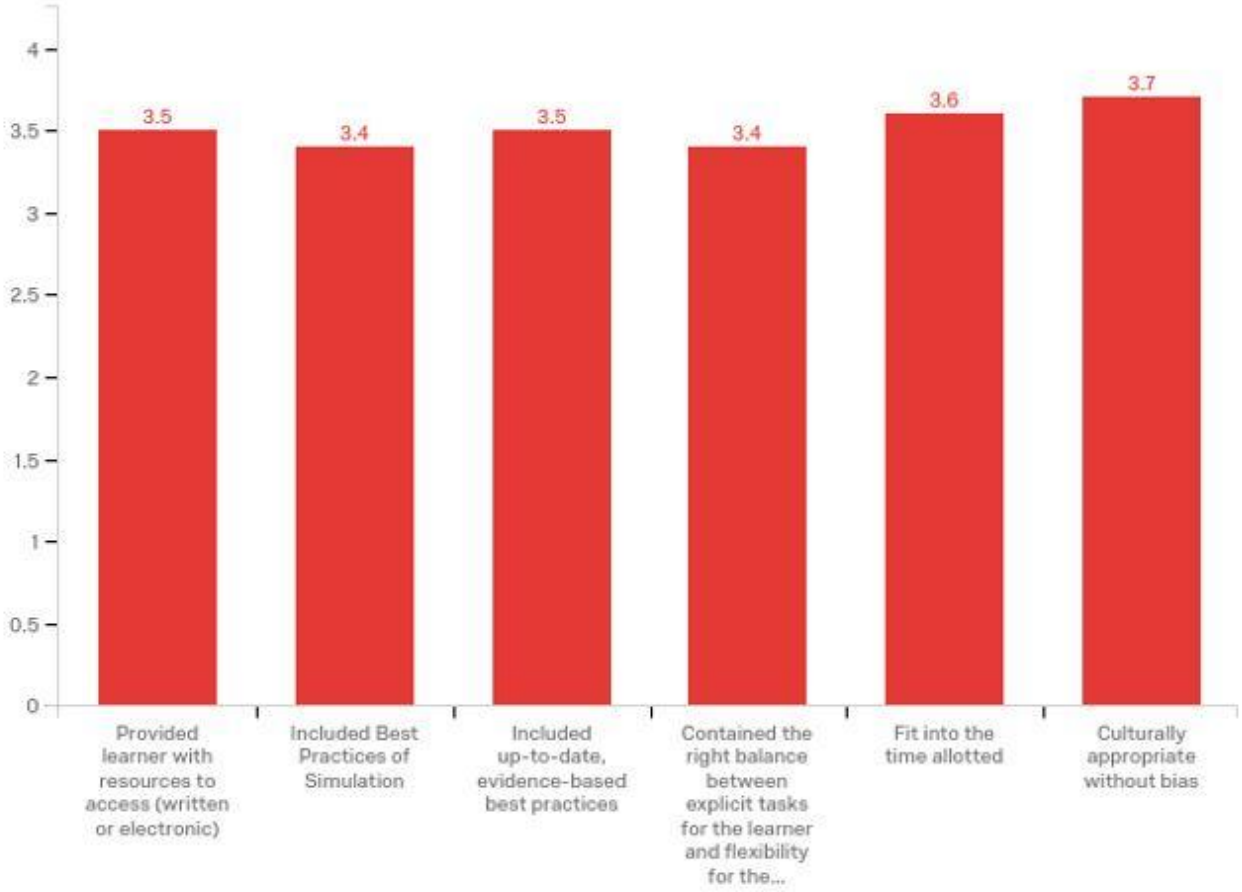
Faculty Survey: Using ARISE

Please rate your level of agreement...regarding your experience using ARISE.



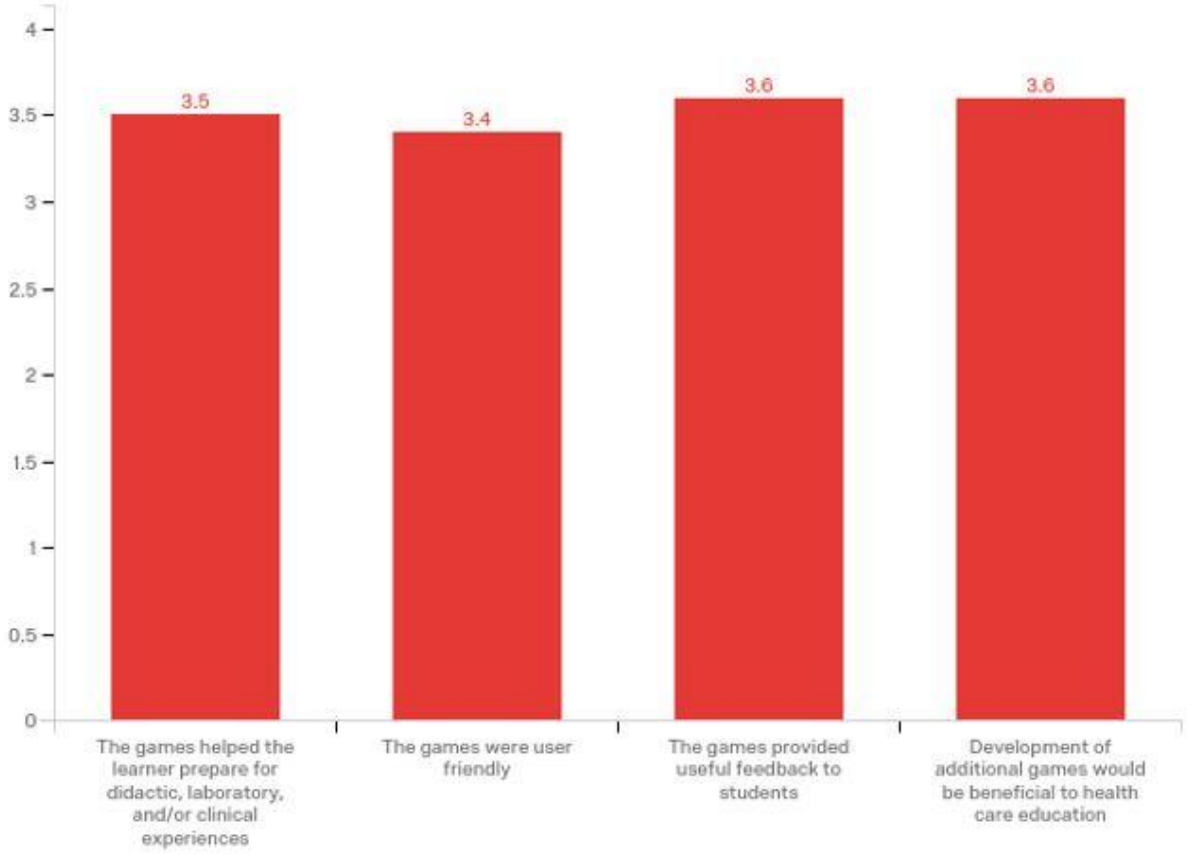
Faculty Survey: Design Elements

Please rate your level of agreement with the design elements of ARISE.



Faculty Survey: Serious Games

Please respond to the following statements regarding Serious Games.



Troubleshooting/Sticking Points

- "Please be able to use on Android"
  - ARIS app is only available on Apple Products
- "Videos are delayed or freeze-up"
  - Check the wifi connection in your HPS lab
  - Use VGA connector or Apple TV (not AirServer app) to display on monitors in the lab
  - Be sure all technical updates have been done
  - Shut the ARIS app completely down and start again
  - Run the ARISE game "ARISE: Bug Fix Simulation"
- "Volume did not work on iPad"
  - Be sure your iPad has been updated with ARISE Bug fix

ACT FOR HEALTHCARE

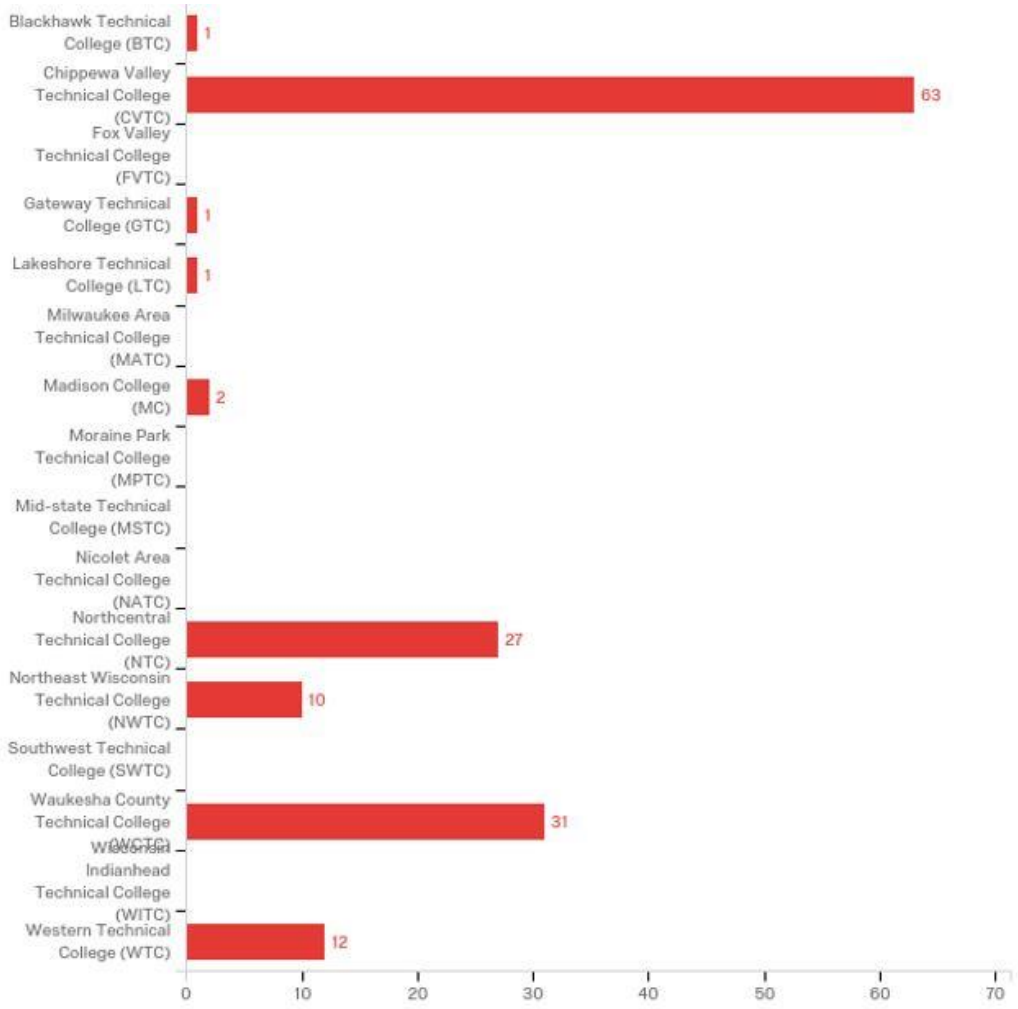
Troubleshooting/Sticking Points

- "Using scenarios is a learning curve – request demo"
  - Website aristeproject.com has two demo videos
    - Faculty implementation video includes: prebrief; short simulation demo incorporating QR code scanning; debrief
    - Student perspective video: using iPad during ARISE simulation
  - Monthly Webinars: "walk-throughs" of latest releases

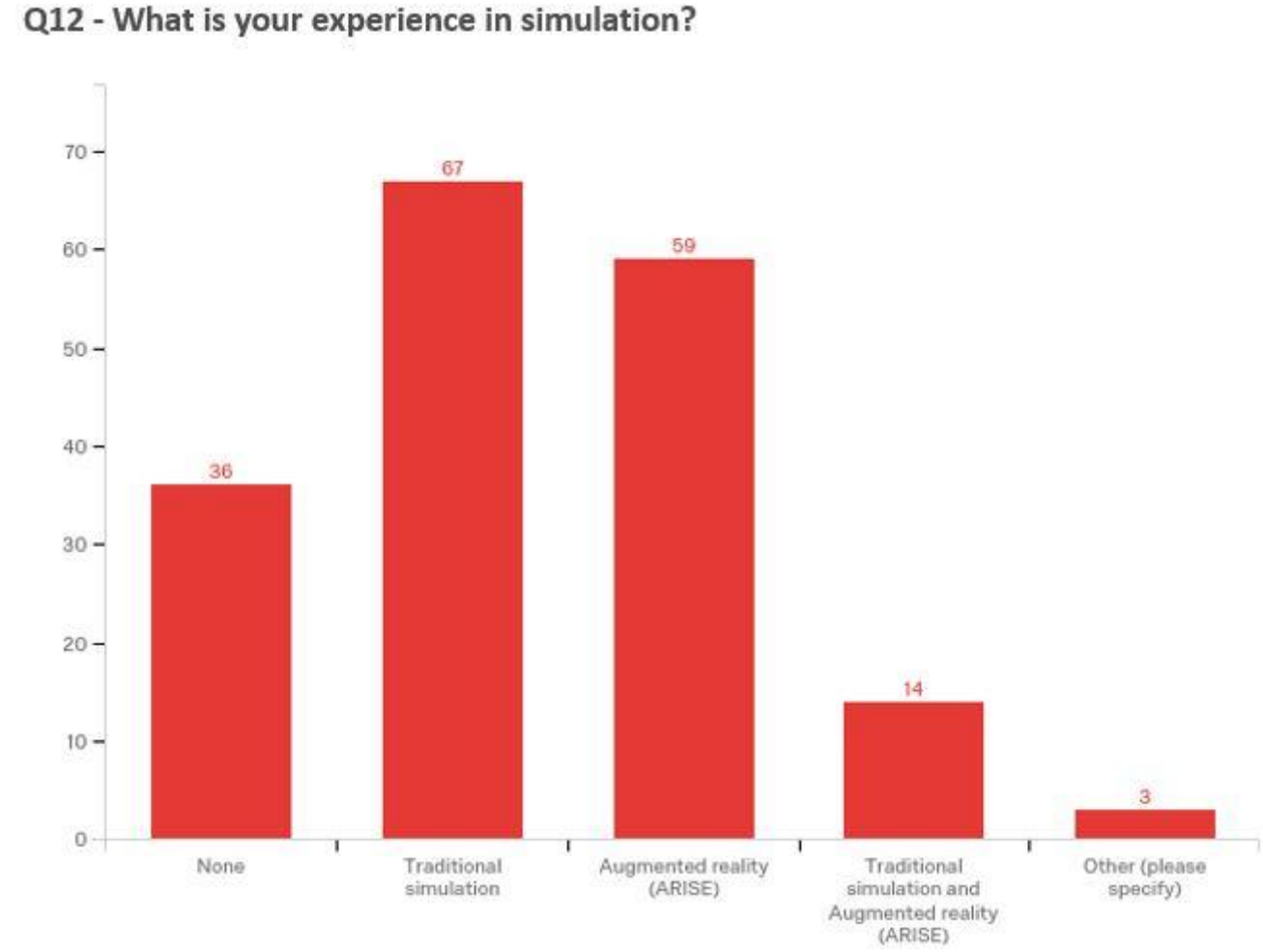
- "Hard to synchronize more than one iPad during simulation"
  - We recommend using one iPad for the group during prebriefing and simulation. An option is to display the iPad on a larger monitor using AirPlay or Apple TV.

Student Survey

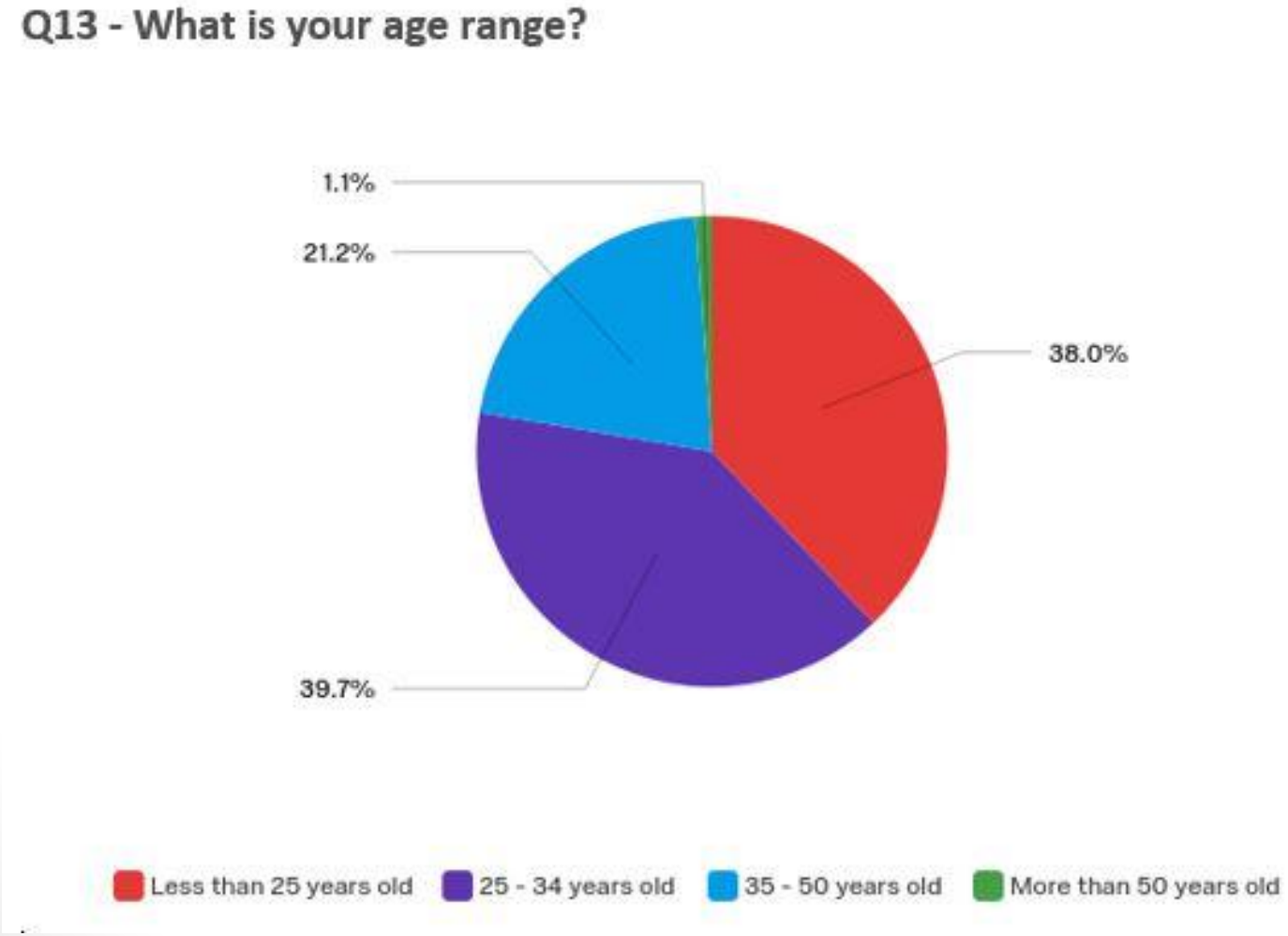
Participation (n=148)



Student Survey: Experience in Simulation

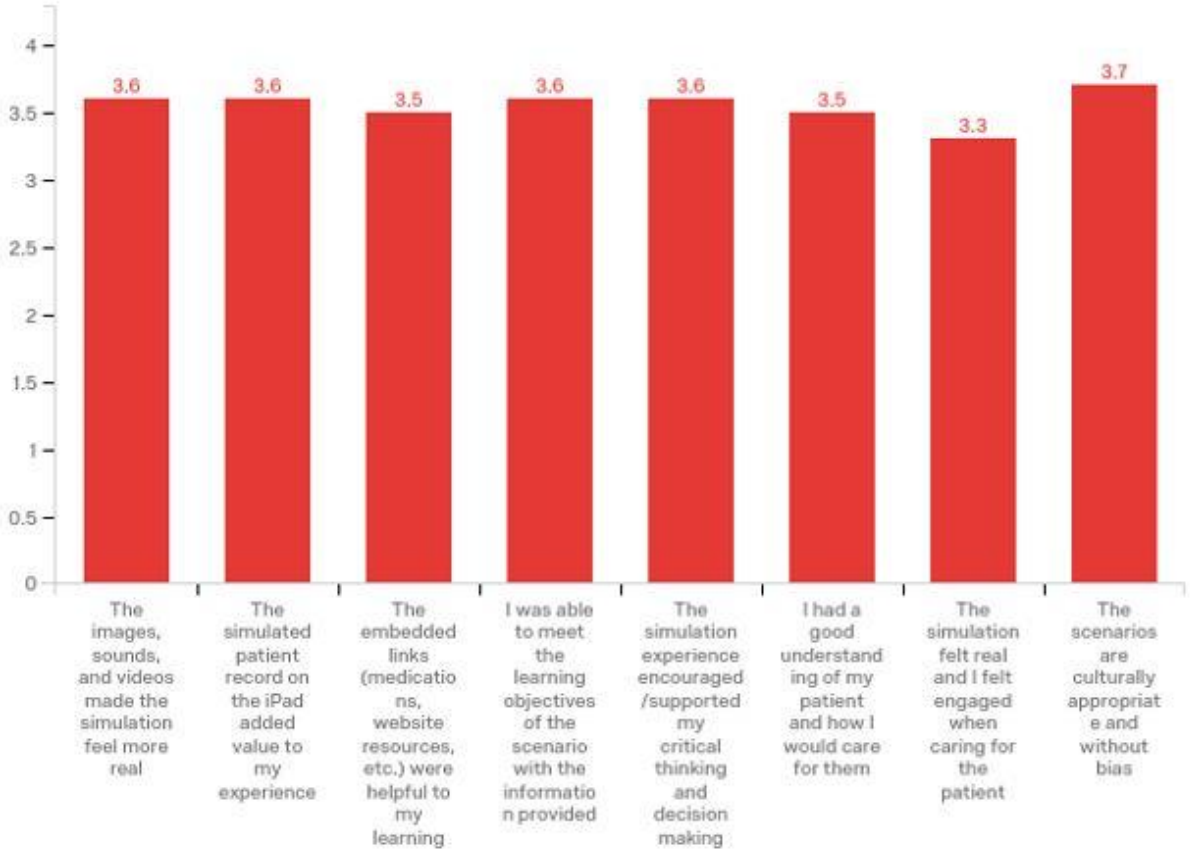


Student Survey: Age Range



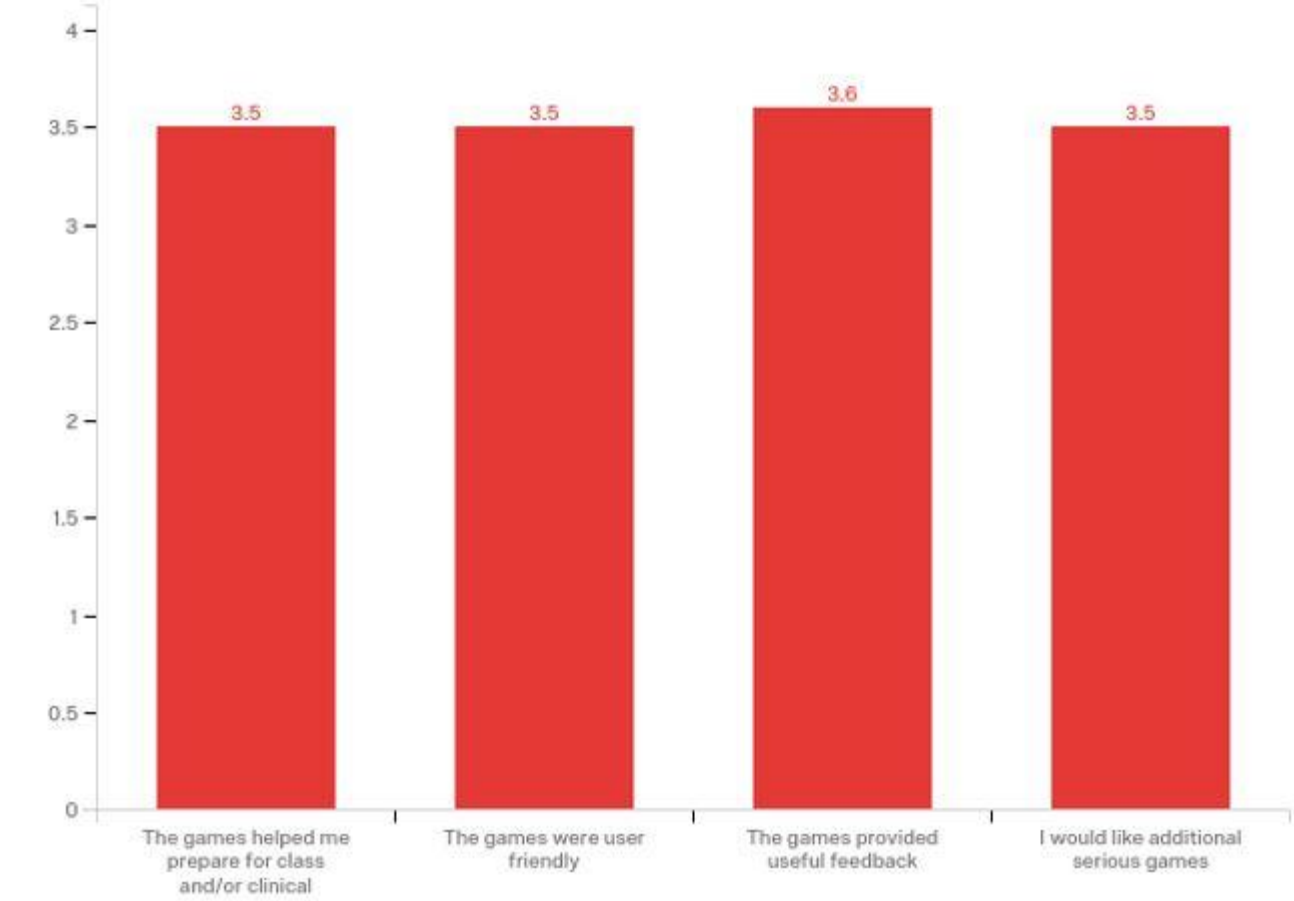
Student Survey: ARISE experience

Q14 - Please rate your level of agreement...regarding your experience using the ARISE scenarios:



Student Survey: Serious Games

Q15 - Please respond to the following statements regarding Serious Games:



Student Survey Feedback

- “I liked having access to the patient record at the bedside”
- “I really liked using this. It made everything seem more real and interactive.”
- “I thought this was a wonderful experience. Having all the information at the touch of a button really helped me stay organized.”
- “Nurse report at beginning assisted with reality of case scenario. Very helpful to have mar, labs, h&p, etc”
- “This simulation ran smoothly and helped my critical thinking. I thought this was a great experience.”

Student Suggestions Addressed in Design

- “More specific lung sounds would be good (lung fields)”
- “Be able to go back in the iPad to see past vital that were put in.”
  - DONE! See Pediatric Asthma Scenarios and going forward

- “Would like some type of notification for new orders, lab results, ecg results, etc.”
  - Notification of new orders now occurs in Pediatric Asthma scenarios and going forward. However, in some health care situations it is realistic for students to know to watch for results to appear in the EMR, so ARISE scenarios replicate this process by not providing notification of results received

Recommendations to Faculty Based on Student Feedback

- “Didn't feel as real without calling a doctor”
  - Continue to call doctor, lab, etc. as you normally would. The scenarios are programmed to update orders, MAR, progress notes AFTER it has been indicated to the iPad that the calls have been made
- “It was an interesting experience however I felt that I spent more time looking and reviewing the iPad than talking to my patient to obtain subjective data.”
  - Be sure to run simulations as you normally would with actual patient assessments and interventions… the iPads are only meant to “augment” the experience with sounds, pictures, and interactive chart forms as the scenario progresses

CONTACT INFORMATION

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