

# OVERVIEW

## ASSESSMENT SERIES

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### The Problem

Assessing patients in the clinical environment can be challenging for novice learners as: 1) practicing these techniques on actual patients can be in a unfamiliar or high-risk environment and 2) the opportunities to practice assessing certain conditions can be rare. This makes it difficult to bridge the gap from the knowledge students are developing in the classroom to its application in patient care settings. To solve this problem, the **Serious Games: Assessment** storyline was developed.

### The Solution

The **Serious Games: Assessment** storyline is a collection of games that uses rich video media to provide students the opportunity to practice assessing “patients” in a low-risk manner prior to more high-risk settings. In addition, whether preparing for class, simulation and/or clinical experiences, students are provided with immediate feedback to further enhance learning.

## INSTRUCTIONS

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1. Students should use an iPad with the free ARIS app downloaded. The ARIS app should be started.
2. Present students with the serious game handout with instructions and the associated “Scan to Start” QR code. Students should scan this QR code to begin each game.
3. In each of the **Serious Games: Assessment** scenarios, the objective is to assess a patient within a given health care context and answer related questions. Students watch a patient video followed by a sound or image to assess. Multiple choice questions are then displayed requiring identification of the accurate assessment, related disease conditions, and related medication or treatment.
4. For each multiple-choice question, student must select a response. If they choose correctly, they can review the rationale and then move on to the next question. If they choose incorrectly, they must choose again. This continues until the correct answer is selected.

5. Students earn “stars” for correct answers and have stars deducted for incorrect answers. Their goal is to collect all of the possible stars and become a “Star Assessor.”
6. At the end of each game, a “Star Score” screen is displayed on the iPad which shows both the number of stars earned and a statement stating how well they did. Scores and statements correspond to the following table:

Total Stars Awarded	Accompanied iPad Language
<b>100%</b>	Wow! You are a Star Assessor and your assessment skills are amazing! Keep up the great work!
<b>99-93%</b>	Great! Your assessment skills are top notch!
<b>92-85%</b>	You did well, but we think you can do even better. Try your assessment skills again.
<b>84-80%</b>	Not bad, but your assessment skills still need some work. Maybe you should try again!
<b>79% or lower</b>	Try again! We know you can do better next time. Your assessment skills just need more practice!

7. As timestamp is provided on the final “Star Score” screen provided to the student. Students can take a screen shot of this and email it to their instructor as “evidence” that they completed this serious game successfully.

## CURRICULUM MAPPING

WTCS Nursing Program Outcome: Provide patient centered care by utilizing the nursing process across diverse populations and health care settings

WTCS Respiratory Therapy Program Outcome: Apply respiratory therapy concepts to patient care situations

EMT Paramedic Program Outcome: Integrate pathophysiological principles and assessment findings to provide appropriate patient care