



## YOUR THREE MINUTE GUIDE TO SERIOUS GAMES

*What are Serious Games? How can it transform the way we teach and learn in healthcare?  
Here are some tips to get you started!*

### WHAT ARE SERIOUS GAMES?

Serious Games are games which prioritise *learning needs* rather than entertainment.



- Core design goal: teaching and training
- Are used to teach a skill, train a particular behaviour, or inspire critical thinking
- Focus on assessing and tracking learners' progress

### WHY USE SERIOUS GAMES IN HEALTHCARE EDUCATION?



- Facilitates learning in a fun and interactive way that holds the interest of learners
- Promotes mastery of skills in a safe environment
- Builds learners' confidence through reinforcement
- Offers opportunities for collaborative learning
- Gives learners immediate feedback on their performance

### HOW HAVE SERIOUS GAMES BEEN USED IN SINGHEALTH?



#### NEONATAL RESUSCITATION GAME

This game was created by the SGH Department of Neonatal and Developmental Medicine to train healthcare professionals for hospital-based resuscitation of high-risk infants. Learners guide a team through three categories of newborn resuscitation scenarios.

[Read more](#)



#### BLOOD TRANSFUSION GAME

Developed by the SGH Nursing Division, this game tests learners on their familiarity with procedures and their critical decision-making skills. Instructors are able to assess the competencies of nurses in the administration of blood and blood products via the virtual simulated environment.

### 3 QUESTIONS TO GET YOU STARTED

- What is the purpose of your game?
- What are the desired learning objectives and outcomes?
- What kind of storyline will appeal to your target audience?