No More Talking Heads — Kool Tech for Kool Kids

An Introduction to Virtual Patient Simulation

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MedSims
Around half of all medical knowledge becomes obsolete about every 5 years.
About every 15 years, the world’s body of scientific knowledge approximately doubles.
What is VPS?

**SIMULATION**

Simulation is a technique—not a technology—to replace or amplify real experiences with guided experiences that evoke or replicate substantial aspects of the real world in a fully interactive manner.

*DM Gaba, 2004*

**VIRTUAL PATIENT SIMULATION (VPS)**

VPS are case-based educational scenarios in which the user progresses through various steps and applies clinical knowledge and critical thinking skills in making judgements about the care and treatment of the virtual patient.

*Guise, Chambers & Valimaki, 2012*
Where VPS sits

- STANDARDIZED PATIENT
- VIRTUAL PATIENT
- SIMULATION MANIKIN
An educational bridge

Accessing virtual patients
The path of the learner

INTRO  PATIENT INTERVIEW  TESTS  DIAGNOSIS  ORDERS  CASE REVIEW
Educational design of the simulation

JOEL A.
I have a very active job, and lately, it’s been difficult for me because I feel to out of breath.

Age: 55
Gender: Male
Weight: 94.30 kg
Height: 180.3 cm
BMI: 29
Allergies: None

CASE DESCRIPTION
Joel A. is a 55-year-old man who has recently been feeling out of breath while at work.

PAST VISITS
POC decisions
Outcomes
More than pre and post