VIRTUAL REALITY NURSING

SUGGESTED INTRO:
INTERACTIVE ROBOTIC SIMULATORS ARE HELPING NURSING STUDENTS EXPERIENCE LIFE-LIKE PATIENT CARE WITHOUT EXPOSING A REAL PERSON TO DANGER. MORE IN THIS REPORT:

[VIDEO]
Student nursing team works on Sim-Man patient robot.
Shots of chest resuscitation, ventilation, blood-pressure monitor, etc.

[AUDIO] [VOICEOVER] open
HE BREATHES, AND HAS BLOOD PRESSURE AND A PULSE. HE’S SIM-MAN, A ROBOTIC PATIENT THAT IS TRAINED. ONE OF THE FIRST SIM-MAN UNITS IS ONLINE AT CASE WESTERN RESERVE UNIVERSITY’S FRANCIS PAYNE BOLTON SCHOOL OF NURSING. THE SIMULATOR CAN PRESENT MOST TYPES OF PATIENT EMERGENCIES FOR STUDENTS TO TREAT. KAREN JOHNSON-GUY IS A SENIOR NURSING STUDENT AND SAYS SIM-MAN HAS MADE A BIG DIFFERENCE IN HER NURSING EDUCATION.

[ON-CAMERA INTERVIEW]
SOT#1 & SUGGESTED SUPER:
KAREN JOHNSON-GUY, NURSING STUDENT, CASE WESTERN RESERVE UNIVERSITY
Cut-away to hand feeling Sim-Man for pulse. Cut back to Johnson-Guy.

[INTERVIEW] “I do feel like I’ve worked on a patient after working on Sim-Man. Sim-Man breathes on its own. Sim-Man has a heart-rate, has palpable pulses. Being able to practice on a robot instead of actually having to practice on a human life does matter. I can become more proficient practicing on a robot.”

(TRT :26)

-more-
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[VIDEO]
Shots of nursing instructor and student using the Cath-Sim virtual patient computer to practice drawing blood.

[AUDIO]
[VOICEOVER] bridge
INTER-ACTIVE COMPUTERS ARE ALSO TEACHING FUTURE NURSES EVERYDAY SKILLS LIKE DRAWING BLOOD, IN A VIRTUAL REALITY ENVIRONMENT. THE SYSTEM LETS STUDENTS FEEL SENSATIONS LIKE SKIN RESISTANCE DURING A TRAINING SESSION AND WILL EVEN LET THEM KNOW IF SOMETHING GOES WRONG. JOHN CLOCHESY, A PROFESSOR OF NURSING, SAYS THE VIRTUAL PATIENTS GIVE STUDENTS THE CONFIDENCE TO BE BETTER NURSES.

[ON-CAMERA INTERVIEW]
SOT#2 & SUGGESTED SUPER:
JOHN CLOCHESY, PROFESSOR OF NURSING, CASE WESTERN RESERVE UNIVERSITY

Cut-away to shot of nursing team working on Sim-man. Cut back to on-camera interview.

[INTERVIEW]
"Whether it’s Cath-Sim or Sim-Man, the students really can go through the same situation over and over and over again if they choose and many students learn better that way. Students minimize their anxiety before they get into the clinical situation. They can practice things before they have to do it with a real patient. Another student one day said, If I would have done that to a real live patient they may have been harmed or they might have died, and it was OK because I didn’t kill Sim-Man, and we jokingly said well you did but he comes back to life on a regular basis.”

(TRT :28)

[VOICEOVER] close
JUDGING BY ITS SUCCESS, CLOCHESY EXPECTS TO SEE PATIENT SIMULATORS LIKE SIM-MAN IN NURSING SCHOOLS ACROSS THE COUNTRY. THIS IS DAVE NAROSNY REPORTING FROM CASE WESTERN RESERVE UNIVERSITY, CLEVELAND.

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