

IMMEDIATE RELEASE

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Vcom3D Launches IMPACTT™ Immersive Modular Patient Care Team Trainer

IMPACTT Patient Care Team Trainer improves performance, thereby reducing life threatening medical errors.

July 21, 2021 – (Orlando, FL) – Carol Wideman, CEO/President of Vcom3D, announced the launch of Vcom3D's medical simulation product, *Immersive Modular Patient Care Team Trainer*. IMPACTT™ is designed to fill gaps in team training, specifically, ways to improve communication and enhance performance of teams working in emergency rooms and austere environments.

IMPACTT, a commercially available Immersive Team Trainer, delivers high-fidelity, virtual simulations for medical teams performing in environments including Tactical Casualty Combat Care (TCCC), Prolonged Combat Care (PCC), and Emergency Room (ER). Both military and civilian virtual patients and environments are included.

IMPACTT is a *system of systems* that seamlessly integrates Vcom3D's Compact Core™ (Blue Box), with its PC-based Virtual Patient System, and ten (10) android tablets for Learner Participants, Medical Equipment Simulations, Lab Reports, and Instructor Control and Assessment. Learner tablets enable students to perform roles such as physician, nurse, technician, or respiratory technician, and carry out interventions that are displayed on both the learner tablets and the virtual patient system shared view. A training session can be configured by the instructor to include the appropriate medical equipment tablets, selecting from a Patient Monitor, Field Ventilator, Hospital Ventilator, Triple Infusion Pump, and/or Urine Gauge. IMPACTT also includes a ground-breaking Instructor and Assessment tablet that automatically tracks team performance. Additional assessments may be added by the instructor.

In addition to being a virtual team trainer, IMPACTT provides a hardware and software platform with which modules (physical and virtual) that are compliant with the MoHSES™ Advanced Modular Manikin (AMM) standards can plug and play. The Vcom3D development team continues to integrate third party manikins, part-task trainers and virtual simulation modules with the IMPACTT platform.

The IMPACTT product will be demonstrated during IITSEC 2021, Booth 2081 in Orlando, FL, as well as during IMSH 2022 in Los Angeles, CA. Videos of the IMPACTT virtual team trainer may be viewed on the Vcom3D Website at [IMPACTT™ - Vcom3D](#).

The Defense Health Agency Joint Program Committee-1 (DHA/JPC-1), in conjunction with Army Futures Command Simulation and Training Technology Center (STTC), has funded the Immersive Modular Patient Care Team Trainer (IMPACTT) project, which enables medical teams to practice leadership, communication, and critical decision making while treating realistic virtual patients in simulated medical treatment facilities.