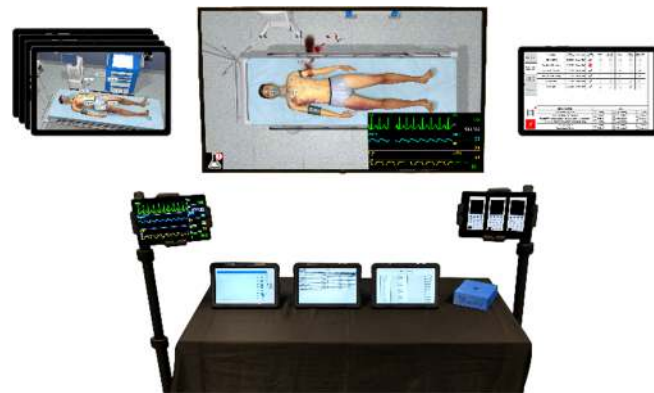


IMPACTT On-Site Team Trainer

Overview

The IMPACTT™ On-Site Team Trainer supports the training and assessment of clinical diagnosis, critical decision-making, and interprofessional teamwork in emergency medicine. Using the Immersive Modular Patient Care Team Trainer, multiple learners participate in the shared experience of treating realistic virtual patients whose vital signs, diagnostic tests, and medical outcomes depend on collaborative decision-making, as well as the individual skills of each participant.



IMPACTT Onsite Team Trainer

A user-provided large flat screen monitor provides a consistent overhead Shared Virtual Patient view of the patient's appearance and behaviors, and of each intervention initiated by the learners, including the patient's response. Each learner also has a tablet with a personal view of the patient. In this view, they can maneuver around the patient, zoom in to a selected body area, or perform an intervention. Interventions can be performed by tapping on a body part and then selecting from alternatives displayed in context-sensitive radial menus.

An IMPACTT Onsite System includes:

- A **Compact Core** (Blue Box) that includes Communications Hardware, Simulation Management Software, and Physiology Engine
- Five (5) **Learner/Instructor Tablets** each of which is pre-loaded with both Learner and Instructor/Assessment apps.
- Five (5) **Virtual Equipment (VE)** tablets, each of which is pre-loaded with Seven (7) Virtual Equipment simulations (2 Patient Monitors, 2 Ventilators, Triple IV Pump, Urine Gauge, and Lab Tests)
- An **Instructor PC** that includes the Shared View display application.
- **Carrying Case** for all components, suitable for checked airline baggage.
- **Installation and Operation Guides.**





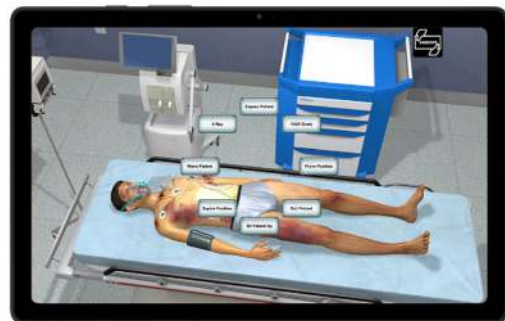
IMPACTT supports two training modes for each patient case:

- Team Communications Training. This mode emphasizes the deliberate use of teamwork protocols such as TeamSTEPPS®. Learners are assessed on their use of closed loop communication, clear assignment of tasks, identifying concerns, and other teamwork strategies.
- Emergency Medical Treatment Training. This mode emphasizes the protocols and critical decision-making of Advanced Trauma Life Support (ATLS), Advanced Burn Life Support (ABLS), and other guidelines for emergency intervention.

IMPACTT On-Site Learner Apps enable each learner to maneuver around the patient, make observations, select from 150+ procedures, or request and review imaging results.

Each learner may also interact with any of the virtual equipment, including:

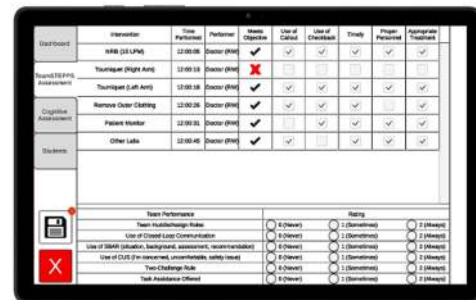
- Field or Hospital Patient Monitor
- Field or Hospital Ventilator
- IV Pump
- Urine Gauge
- Lab Tests



Learner App

IMPACTT On-Site Instructor App provides the instructor with:

- A Dashboard to load scenarios and monitor simulation sessions.
- Both Teamwork and Cognitive Assessment screens that automatically record learner actions and instructor observation inputs.
- The ability to store time-stamped learner performance data for analysis, scoring or after-action review.



Instructor App

Vcom3D’s commercial products include its Immersive Modular PATient Care Team Trainers. The **IMPACTT™** Product-line includes **IMPACTT On-site** (In-person), and **IMPACTT Remote** (Virtual) Team trainers that enable learners to train in-person and/or join training sessions from remote locations using their own PCs.

