

IMPACTT Remote Team Trainer

Overview

The IMPACTT™ Remote 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 Remote Team Trainer
Instructor Station**

IMPACTT Remote Features include:

- An instructor can initiate and monitor a training session with up to eight remote participants who communicate via MS Teams or Zoom while collaboratively assessing, diagnosing, and treating a shared patient case.
- Each participant interacts with the patient by selecting from over 150 available interventions and by using simulated equipment such as patient monitor, laboratory and imaging diagnostics, ventilator, IV pump, and urine gauge.
- Physiological and behavioral response of virtual patients is computed automatically by the IMPACTT physiological models, enabling the instructor to focus on assessing and remediating learner performance.
- Automated recording of learner actions supplements the instructor's observations to provide comprehensive assessment tools.
- IMPACTT Remote uses the same patient cases as IMPACTT Onsite, enabling organizations to train geographically distributed teams.

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 teamwork.
- Emergency Medical Treatment Training. This mode emphasizes the protocols of Advanced Trauma Life Support (ATLS), Advanced Burn Life Support (ABLS) and other guidelines for emergency intervention.





IMPACTT Remote Learner Station runs on each learner's own PC, with optional second screen. Any number of users can download the IMPACTT Remote Learner App. In a preferred configuration, the user communicates via MS Teams or Zoom on their PC screen and interacts with the IMPACTT patient and equipment on a second screen.



IMPACTT Remote Learner Station

Using MS Teams or Zoom, learners assign roles and communicate plans, observations, concerns, decisions, and orders.

Using the Remote Learner App on the second screen, each learner can:

- Get patient history.
- Navigate around the patient.
- Observe real-time vitals and labs.
- Request and review imaging results.
- Collaboratively diagnose conditions.
- Select any of 150+ procedures.
- Observe and respond to real-time changes in patient conditions.

IMPACTT Remote Product Bundle includes:

- **IMPACTT Remote Instructor Station** with:
 - A *Compact Core (Blue Box)* that includes Communications Hardware, Simulation Management Software, and Physiology Engine
 - An *Instructor PC* with Remote Configuration Set-up, Virtual Patient, 7 Medical Equipment Simulations (Field and Hospital Patient Monitors, Field and Hospital Ventilators, Triple IV Pump, Urine Gauge, and Lab Reports)
 - An *Instructor Tablet with Instructor / Assessment App*
- Carrying case for all components of IMPACTT Remote Instructor Station
- Product Warranty (12 months); and Product Support (up to 4 hours), User Guide
- Annual License that enables unlimited number of learners to download IMPACTT Remote Learner App to their personal computer at no cost to the user
- Options for Professional Support Services
- Optional components such as additional tablets with the IMPACTT Medical Equipment Simulation apps installed.

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.

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