

EmerSim™

Vital Signs Monitor Simulator
for Emergency Care Training



A tool to enhance emergency training in real-life circumstances.

EmerSim™ is an award-winning vital signs monitor simulator, developed with the input of doctors and medical professionals with the purpose of improving emergency care training. A controller device enables the instructor to manipulate the vital signs display, replicating the various scenarios and challenges presented in real-life situations. The preset vital signs values can be easily changed with a single tap. Trainees will be prepared for real-world experience and have a better understanding of emergency care. It's an indispensable tool to help emerging professionals save lives.

ACHIEVEMENTS



Controller

Smart phone, Tablet, Laptop, Desktop Computer



EmerSim™

Connect your device to EmerSim™ wirelessly or by using HDMI cable



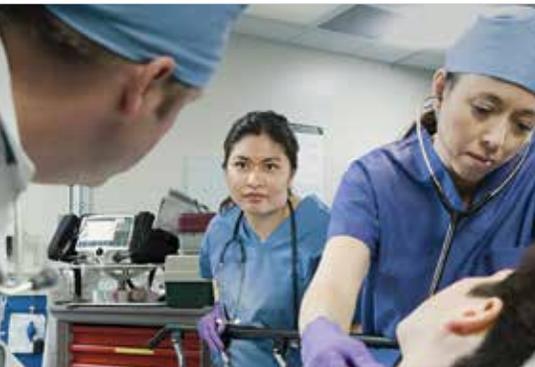
Monitor

TV, LCD monitor, Projector, Laptop, Tablet



“ We use EmerSim™ for our maternal emergency life saving training. It allows me to prepare a scenario and quickly change preset vital signs values during the training. It gives trainees a real sense of emergency. ”

— Dr. Kayo Osada, Tsukuba Central Hospital



EXAMPLE 1: Training

Replicate real-life situations and scenarios for hands-on emergency care training.

EXAMPLE 2: Seminar

For lectures, connect EmerSim™ to a projector using HDMI cable to display for a large audience.

EXAMPLE 3: Field Training

Set up a field scenario such as ambulance transportation practice, using a portable charger.

Key Features

- ✓ Connect with mobile and desktop device wirelessly.
- ✓ Customizable scenarios with various preset.
- ✓ The preset vital signs values can be easily changed with a single tap.
- ✓ Multiple sound effect options for realistic training enhancement.
- ✓ Real-time control, endless possibilities.
- ✓ No internet or special equipment required.

EmerSim™ Waveform Varieties

Electrocardiogram

Normal - NSR	Junctional
1°block	LBBB
2°block (Mobitz I)	RBBB
2°block (Mobitz II)	ST elevation
3°block	SVT
Asystole	Torsades de pointes
Atrial fibrillation	VF
Atrial flutter	VT

Arterial oxygen saturation

Normal	Poor perfusion
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PENGUIN SYSTEM CO.,LTD.

CB10, 2-1-6 Sengen, Tsukuba, Ibaraki, Japan, 305-0047

TEL: +81-298-93-2275 | FAX: +81-298-46-6672 | EMAIL: qtr@penguins.co.jp



www.penguins.co.jp/en