



FIRSTsystem
Fully Interactive Respiratory Simulation Technology

NEW!



Create dynamic patient scenarios and view ventilator plus patient data simultaneously on a single screen.

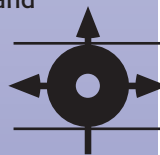
RespiSim-PVI Option for the ASL 5000 Breathing Simulator

The Future of Respiratory Simulation

How do you give students a deeper grasp of critical ventilator management skills while reducing instructor workload? Take the power of a spontaneously breathing simulator; pair it with a real mechanical ventilator; then give the instructor a tool that puts it all on the same screen.

Introducing RespiSim-PVI for the ASL 5000 Breathing Simulator – a groundbreaking new tool for interactive ventilator management training. The RespiSim-PVI system provides instructors and students with comprehensive, real-time information on patient-ventilator interaction (PVI).

With RespiSim-PVI, you see both “patient” (ASL 5000) and ventilator data simultaneously on the same screen, together with alarm events and instructor notes. Rich feedback is the hallmark of this system and allows you to enhance and accelerate training. Cause and effect of treatment modalities become visible with an immediacy not previously possible. Challenging, interactive training can be leveraged for powerful debriefing like never before.

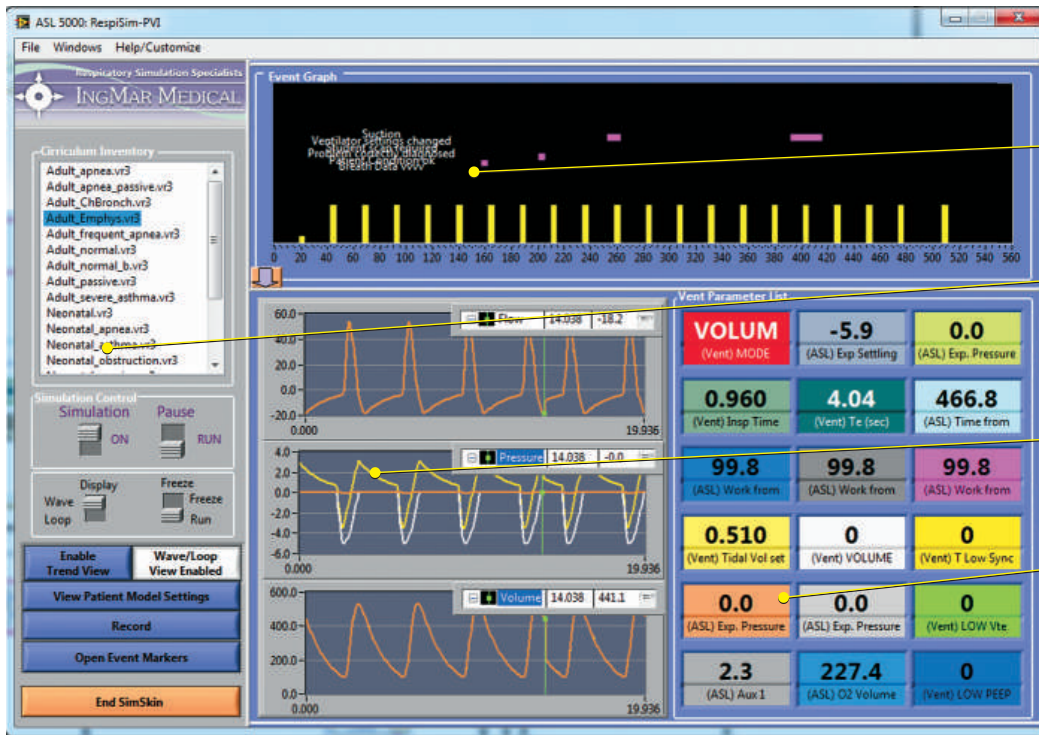


Advancing Respiratory Simulation

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RespiSim-PVI — Get the Complete Picture of Patient-Ventilator Interaction (PVI).



Clinical events

- Ventilator alarms
- Instructor-defined events

Patient models

- Pre-scripted patients
- Evolving disease states

Real time graphics

- Waveforms
- Trend lines

Real time data

- Ventilator parameters
- Simulator parameters

RespiSim-PVI Option for the ASL 5000

Real time feedback and interactivity

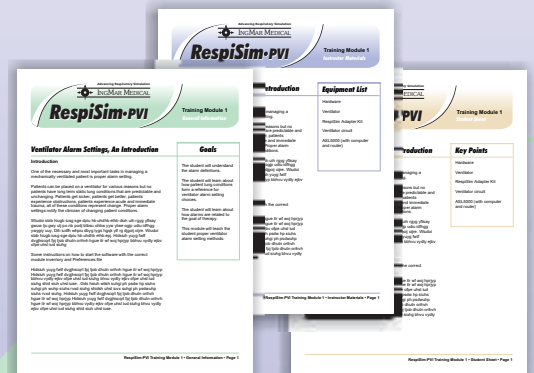
The entire simulation is controlled from a single screen (see screenshot) where you can view data from the simulator and ventilator together. This is done with hardware that works with commonly used ventilators to gather all available data.

Patient Scenarios

The software comes with a library of pre-scripted modules for training and teaching which can be run and then played back for debriefing. You can also create your own scenarios.

Training Modules

Complete training modules guide instructors and students through ventilator management scenarios, reducing class prep time. Curricular materials include background, goals, detailed setup instructions, key points, as well as learning and response cycles.



RespiSim-PVI training modules make preparation easy with special materials for instructors and students.

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