



## SimOccluder

### ADD AIRWAY COMPLEXITY. TRAIN WITH CONFIDENCE

SimOccluder is an advanced simulation tool that introduces realistic airway obstruction scenarios into your training sessions. With adjustable resistance, it allows educators to replicate conditions such as asthma, partial occlusions, and upper airway blockages – supporting learners in developing critical skills for managing compromised airways under pressure.

Fully compatible with REALiTi 360, SimOccluder integrates seamlessly with SimConnect – the central connectivity hub of the REALiTi 360 system – enabling real-time control, synchronized communication with accessories, and responsive feedback.

Whether you're training for prehospital ventilation, pediatric airway management, or in-hospital respiratory emergencies, SimOccluder adds essential clinical realism to strengthen decision-making and improve learning outcomes.

# TRAIN WITH YOUR STANDARD BVM – ADJUST AIRWAY RESISTANCE IN REAL TIME

SimOccluder connects to standard clinical BVMs, adding variable airway resistance to simulate conditions like asthma, partial occlusion, or full airway blockage. Instructors can easily adjust resistance levels on the fly using the REALITi 360 system, tailoring scenarios to challenge learners at any skill level. Real-time tactile feedback reinforces hands-on airway management under pressure.



**NOT FOR HUMAN USE – FOR TRAINING PURPOSES ONLY**



## KEY FEATURES

- **Dynamic Airway Simulation**

Adjust resistance levels to replicate real-life airway conditions – such as partial obstructions, asthma, or complete airway blockage – giving educators full control over training complexity.

- **Integrated with REALITi 360 for Full Scenario Control** When paired with SimConnect, instructors can monitor and adjust airway resistance directly within the REALITi 360 system, enabling realistic, high-fidelity training scenarios.

- **Tactile, Hands-On Feedback**

Ventilation efforts are physically affected by the selected airway resistance, providing learners with immediate, realistic, tactile feedback. This helps reinforce airway management techniques and improves skill retention.



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## ALSO AVAILABLE WITH A STANDALONE APP

Not using REALITi 360 You can still train with SimOccluder.

SimOccluder is available as a free standalone simulation tool, controlled by a mobile app, making it a versatile solution for any training setup. Whether you're working with manikins or live scenarios, you can use SimOccluder and control it directly from your smartphone via Bluetooth (BLE) – no REALITi 360 system required.

Use SimOccluder anywhere, with any manikin, and in any airway training scenario – right from **your iOS or Android device**.



**IF YOU HAVE ANY QUESTIONS OR NEED SUPPORT, PLEASE SCAN HERE**



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