Gaumard®
Simulators for Health Care Education

September 24th, 2024

To Whom It May Concern,

We are writing to provide justification for the decision to procure the HAL® S5301, exclusively available from Gaumard Scientific Company, Inc. ("Gaumard"). This highly advanced patient simulator, coupled with Gaumard's unmatched support services, offers unrivaled realism and user experience in the field of healthcare simulation.

Unique Capabilities: The HAL® S5301 has unique capabilities not found in comparable models in the healthcare simulation field, providing an incredibly realistic and immersive learning environment that allows practitioners to create opportunities for participants to enhance their skills and increase their readiness for real-world healthcare scenarios.

Salient Features
The following is a list of salient features of HAL® S5301, and should not be interpreted as an exhaustive list of features. For the complete list of features, please go to our web page at https://www.gaumard.com/hal-s5301.

- Full-body, lifelike skin with palpable landmarks and seamless joints
- Advanced articulation: arm and leg abduction and adduction
- Programmable bilateral and unilateral eye movement and stimuli tracking
- Conversational Speech enhanced by artificial intelligence[1]
- Active mouth movement synchronizes with speech
- Programmable lifelike facial expressions: facial droop, pain, scared, smiling, and more
- Sound localization: automatically turns head and eyes towards speaker
- Active motor reflexes: shake hand, raise hand, pain withdrawal, abnormal posturing
- Pain response: Programmable, automated response to pressure-sensitive sites
- Supports Train of Four monitoring using real devices
- Fully internal dynamic lungs and airway accommodate real mechanical ventilators and patient circuits

[1] Internet access is required. Feature currently available in some areas. See product page for details.

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- Supports mechanical ventilation while fully mobile without adapters, calibration, or converters
- Design and generate custom cardiac injury, ischemia, and necrosis, and view resultant 12-lead on real monitors
- Monitor intra-arterial blood pressure using real adjuncts, sensors, and devices
- Computer-controlled urinary output rate and urine/blood mixture

Value Proposition: HAL® S5301 from takes experiential learning to a whole new level, medical situations with immersive fidelity. This capability transforms healthcare simulation training, offering a platform for educators to enhance skill acquisition and ultimately better prepare participants for their roles in medical scenarios.

Should you have any questions or concerns regarding this matter, please feel free to contact us. Thank you for your support in this procurement decision.

Best Regards,

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