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Intelligent Ultrasound Group plc
("Intelligent Ultrasound" or the "Group")

BodyWorks COVID-19 Ultrasound Simulator case study

Intelligent Ultrasound Group, the ultrasound artificial intelligence (AI) software and simulation company, announces it has produced a case study based on feedback from the Veteran's Administration NY Harbor Healthcare Simulation Center in New York, USA. New York is currently the epicentre of the US pandemic and, facing a mounting number of patients, the centre has recently introduced critical care simulation based training sessions utilising the BodyWorks Point-of-Care (PoCUS) Ultrasound Simulator with the newly installed COVID-19 lung module.

These sessions have prepared non critical care health care professionals including surgery, anaesthesiology, paediatrics and acute care nurse practitioners for roles as bedside ICU providers. The simulation sessions have been made available to all providers scheduled to work in the rapidly expanding COVID-19 intensive care units.

Dr Brian Kaufman, Professor of Anesthesiology, Medicine, Neurology and Neurosurgery at NYU Grossman School of Medicine and Director of the simulation laboratory at VA NY Harbor Healthcare in Manhattan said: *"As all the hospitals in the NYU Langone Health system and major affiliates including the Manhattan campus of the NY Harbor Healthcare Center and Bellevue Hospital were being deluged with COVID-19 patients requiring ICU admission and care, there was an overwhelming need for rapid expansion of ICU beds, and providers to care for these patients. These needs were exacerbated when some of our usual ICU clinical providers needed to be removed from the workforce due to the need to quarantine. Having these COVID-19 specific cases available on the BodyWorks Eve ultrasound simulator in the early days of the pandemic has had a significant effect on our ability to quickly train clinicians on lung ultrasound in order to provide better patient care."*

To view the case study, please see the attached link:

<https://www.intelligentultrasound.com/bodyworks-eve-covid-19-module-used-to-train-front-line-clinicians-in-nyc/>

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About Intelligent Ultrasound Group (www.intelligentultrasound.com)

Intelligent Ultrasound develops artificial intelligence-based clinical image analysis software tools for the diagnostic medical ultrasound market and hi-fidelity virtual reality simulators for the ultrasound training market.

Based in Cardiff and Oxford in the UK, Atlanta in the US and with representation in Beijing in Asia, the Group operates two divisions:

Clinical AI Division

Focuses on developing deep learning-based algorithms to make ultrasound machines smarter and more accessible. Products in development include ScanNav which uses machine-learning based algorithms to automatically identify and grade ultrasound images to provide scan assessment and audit of protocol-based ultrasound scanning; and AnatomyGuide, which aims to simplify ultrasound-guided needling by providing the user with real-time AI-based needle guidance software for a range of medical procedures.

Simulation Division

Focusses on hi-fidelity ultrasound education and training through simulation. Its three main products are the ScanTrainer OBGYN training simulator, the HeartWorks echocardiography training simulator and the BodyWorks Eye Point of Care and Emergency Medicine training simulator. To date over 850 simulators have been sold to over 500 medical institutions around the world.