ORama VR

Project COVID-19: VR Strikes Back

eEMERGENCY MEDICINE
Inselspital Bern University Hospital

NYU

VIVE

Overview

COVID-19, an infectious disease, the newest of the coronavirus family, first identified in Wuhan, China in December 2019, has been declared a pandemic on March 11th, 2020 by the World Health Organization.

The pandemic epicentre has moved from China to Europe, and now has exponentially spread in the United States. Healthcare providers are in need of personal self protection training, while caring for, and swab testing COVID patients.

Virtual reality can provide a specific value towards the cause, as a method for rapid and effective training, one that can enhance the readiness of the emergency physician, the ICU doctor, the nurse practitioner, the EMT, the PA, and many others.

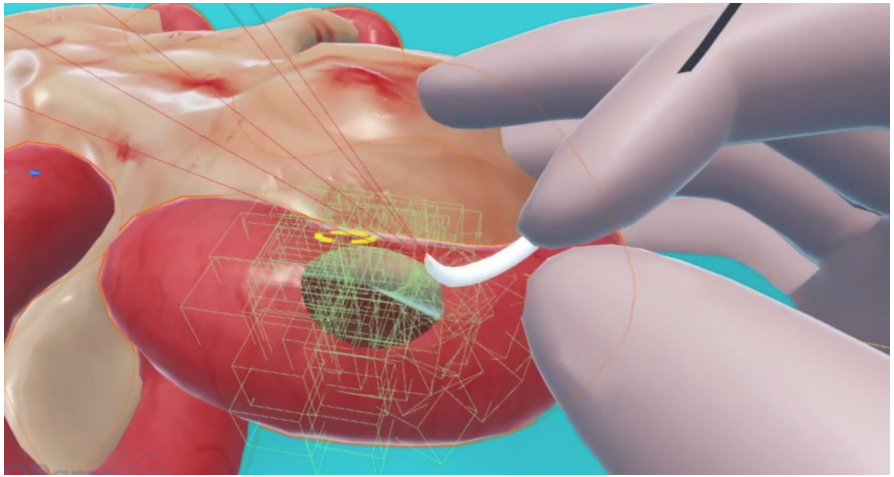
The Project

ORamaVR, a deep technology start-up, in cooperation with the **eEmergency Medicine at University Emergency Department, Inselspital Bern, New York University, and HTC Vive, is expeditiously developing an intelligent virtual reality simulation for COVID-19 training**.

Users will be trained in testing and protective measures; how to perform swabs, and how to get in and out of protective equipment - all in an engaging, immersive experience that can facilitate skill transfer from the virtual, to the real world.

The Technology

MAGES, developed by ORamaVR, is the world's first hyper-realistic VR-based software platform for accelerated healthcare training and assessment. With our clinically validated software, users can perform life-like medical simulations in a risk-free learning environment, enhancing knowledge retention and skills acquisition. We have built the next generation 3D virtual human simulation, geometric algebra frameworks for spatial computing and gamified, AI powered, educational content creation systems.



Free Access

This VR learning simulation will be widely accessible at no cost, both at HTC's Viveport and at ORamaVR's Store, and will support all current SteamVR enabled desktop HMDs, as well as untethered mobile units. A learning video will also be available for those users that do not have access to a VR hardware unit.

For the global developer community, our free source code will also be released.

Join us

In response to this global pandemic, we believe that our unique deep technology can provide a measure of impact to our heroes at the frontline. We welcome you to join us, and learn more at www.oramavr.com or write to info@oramavr.com.

- The ORamaVR Team

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