

Singular Health Group Ltd: SHG

ASX Announcement

13 December 2021

Release of Collaborative Medical Visualisation in Virtual Reality and 3D Tools align Company's software to the Medical Metaverse.

- Virtual Surgical Planning (VSP) code now fully integrated into 3Dicom.
- Collaborative voice and text features added to the Surgical version of 3Dicom.
- Upgrades to 3Dicom result in transition to wireless Virtual Reality (VR) headset Oculus Quest 2.
- These new and future improvements aim to provide clinicians a fully interactive, virtual and collaborative telemedicine platform.
- Singular Health's patent, acquisition and subsequent integration of VSP, and recent software releases naturally align the Company with the metaverse.

13 December 2021 – Singular Health Group Ltd (ASX: SHG) ("Singular Health", or "the Company") is pleased to announce the full integration of the Virtual Surgical Planning (VSP) software acquired in early 2021, to create a collaborative real-time Virtual Reality and 3D environment for visualising, collaborating, and designing patient specific components using medical data. Furthermore, the Company has begun beta testing its 3Dicom Lite (Web Edition) software with full 3D collaboration capabilities, aligning both the software and the Company with the recently announced metaverse initiative from Meta Platforms Inc, Facebook's parent company. (Introducing Meta: A Social Technology Company OCT 28, 2021 <https://www.nasdaq.com/market-activity/stocks/fb>)

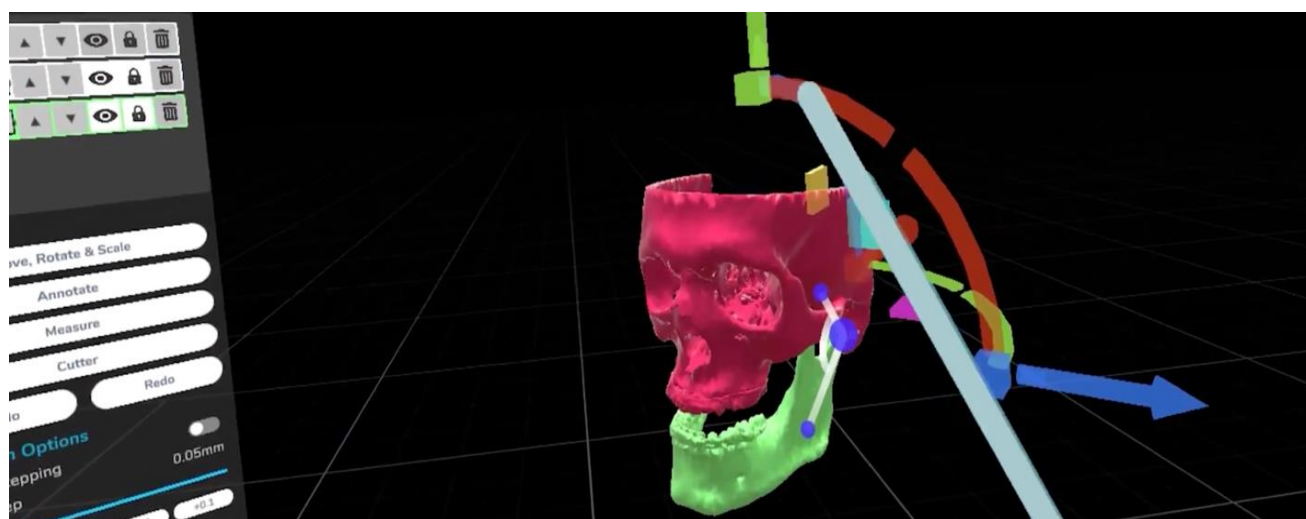


Figure 1: Virtual Surgical Planning (VSP) with the manipulation tool pivoting the mandible in Virtual Reality

With the Company having a core focus on Virtual Reality since the first version of MedVR was developed in 2017, the recent announcement of the metaverse initiative by Meta Platforms Inc has brought into focus the scalable, globally accessible telemedicine and tele-consultation applications being developed by Singular Health. The 3Dicom suite of software provides the possibility for patient-practitioner consults while viewing a virtual twin of the patient’s anatomy, and allows medical practitioners to collaboratively plan cases and design patient specific parts.

For the past two years, Singular Health has been using some of the essential components that ultimately comprise the metaverse including Virtual Reality (VR), collaboration, and Artificial Intelligence (AI). In addition, Singular Health has been part of the Oculus Independent Software Vendor (ISV) program since 2019 and the recent operational focus on the integration of VSP into the wireless Oculus Quest 2 VR headset provides the Company’s VR software with global scale and a proven third-party supply chain for ordering, delivery, and setup. Oculus is also owned by Meta Platforms Inc.

While much of the attention of the metaverse has focused on Virtual Reality, the Company’s development team has also built collaboration tools into its full suite of 3Dicom viewer tools including its recent release of 3Dicom Lite (Web Version). This online version of 3Dicom Lite enables an enterprise deployment of Singular’s 3Dicom software. This deployment can be on local servers or delivered as a full Software as a Service (SaaS) model using HIPAA-compliant¹cloud servers.

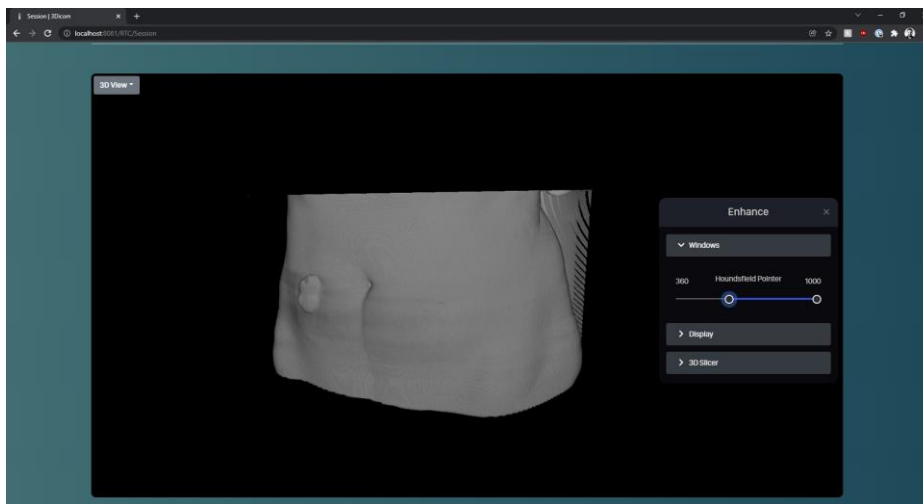


Figure 2: 3Dicom Lite (Web Edition) with collaboration features for telehealth.

Granted in 2019, the Company’s original patent *2019101736: Medical Virtual Reality and Mixed Reality Collaboration Platform*, demonstrates that not only has Singular Health’s focus been for a number of years now on core elements of the metaverse, but also that the Company has taken steps to protect and promote its vision of medical and health related collaboration through visualisation and manipulation of medical data in 3D and VR rendered representations of CT, MRI, and PET scans. As a result, collaborative voice & text chat features are being integrated into most of the 3Dicom Suite including 3Dicom Surgical on desktop devices. This will allow for fully interactive and collaborative telemedicine, visualisation, and multi-disciplinary discussions between medical practitioners globally.

¹ HIPAA is the acronym for the Health Insurance Portability and Accountability Act (HIPAA) which sets the standard for sensitive patient data protection.

Thomas Hanly, Singular Health’s Chief Executive Officer, said:

“Singular Health welcomes the attention to the metaverse by the recent announcements made by Meta Platforms Inc. as it further validates both the technical and commercial vision on which the Company was built. The Company’s founder recognised the importance of collaboration in the virtual space in 2017 when he filed the Company’s original patent, and the recent release of the Meta’s Oculus Quest 2 VR headset has further allowed Singular Health to realise his vision.

“In addition to improved surgical planning, the development of VSP and 3Dicom Lite (Web Version) represents a key strategic step into providing medical decision support tools in telemedicine and give practitioners and their patients information that is secure, clear, and easy to understand.

“It is a credit to the Company’s staff that the VSP code is now fully integrated into 3Dicom, along with many associated collaborative voice and text features.”

This announcement is authorised for release by the Board of Directors of the Company.

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About Singular Health:

Founded in 2017, Singular Health is a medical technology company that has developed and commercialised the proprietary Volumetric Rendering Platform (“VRP”) for the 3D & VR visualisation of anatomy using standard radiological imagery.

Singular Health is committed to developing technologies that provides patients and practitioners alike with access to personalised, enhanced medical data to inform better health decisions and is currently developing and deploying software products that are built upon the proprietary VRP on a global scale through a direct-to-consumer Software-as-a-Service (“SaaS”) model.

About Scan to Surgery:

Scan to Surgery™ is a disruptive technology driven process that revolutionises the planning and execution of surgical procedures, reducing cost and improving patient outcomes. Built on the backbone of MFTP, incorporating 3D/VR scan review with virtual surgical planning (VSP) software and utilising local additive manufacturing facilities, Scan to Surgery™ aims to rapidly deliver patient-specific solutions.