



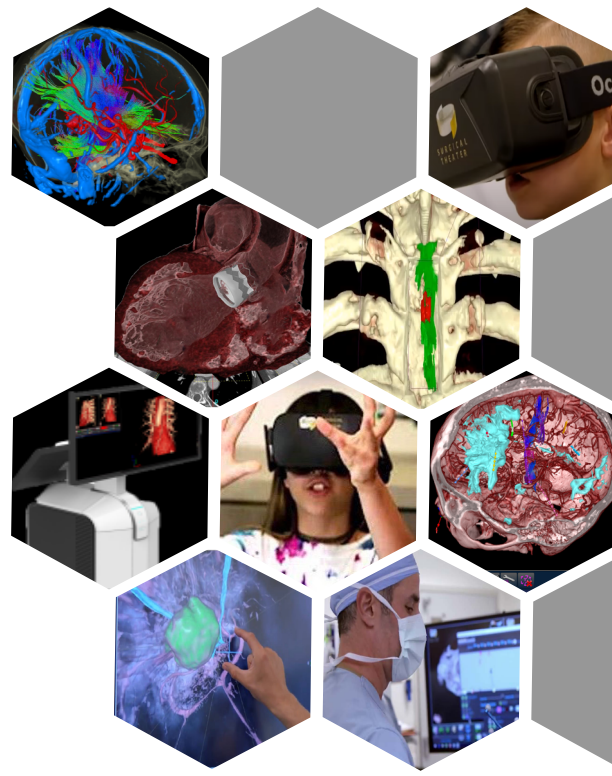
360° VISUALIZATION
POWERFUL INTEGRATION

About Surgical Theater®

With Headquarters in California and user sites in US, Europe and Asia, Surgical Theater is the market leader in virtual and augmented reality healthcare services, and the first to combine fighter jet flight simulation technology with patient scans.

Rendered from modalities of CT, MRI and advanced post processing images of White Matter (DTI), functional activity (BOLD) and blood flow (Perfusion), Surgical Theater Precision XR™ is designed to allow surgeons to walk into a reconstruction of the patient's anatomy and pathology.

Surgical Theater technology has been studied, published, and proven to improve patient engagement, increase patient conversion rates, improve surgical plans, and provide great clinical value in the operating room.



Leader in Precision XR™

Surgical Theater® Precision XR™ has been utilized in more than **15,000** surgeries worldwide.

Some of these leading, partner medical institutions utilizing Precision XR™ for their practice include: Stanford, Mayo Clinic, UCSF, NYU, Mt Sinai, Hackensack, Bambino Gesù, Baycare and others.



Our Mission

Beyond Viewing. Experience
Medical Images in 360°

...is to provide advanced
visualization

innovations that improve patient engagement, surgical planning, physician interdisciplinary collaboration and OR capabilities, enabling surgeons to see the unseen. Vertically integrating the institution, medical provider and patient, under a shared experience of improved outcomes.

We seek to find ways to leverage the magic of fully immersive technologies
– AR, VR, AI & Machine Learning –
to revolutionize the standard of care with
XR for ALL.

Surgical Theater® Product Suite

PLANNING

Turn 2-D images into dynamic, fully immersive, 360°VR surgical plans



PATIENT ENGAGEMENT

Platform to facilitate patient engagement utilizing 360° VR models



SURGEON ENGAGEMENT

Collaborative communication environment for surgical teams



INTRAOPERATIVE

AR & VR intraoperative visualization hub



AR in the Operating Room

Recent developments in the Surgical Theater line of **products** includes the utilization of advanced **XR techniques**.

SyncAR™ - 360° AR Visualization Hub

Surgical Theater & Medtronic - partnered to provide AR visualization hub in the operating room

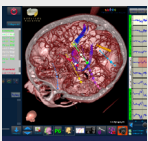
StealthStation™ S8



SyncAR™

Virtual Reality is injected into the operative microscope creating augmented reality where you can literally see through tissue and around corners. 

Provides all the information the surgeon needs while maintaining overlay and integrates with OR equipment from Medtronic, Zeiss and Leica. 



BrainSTORM™ Advanced Visualization. Streamlined Communication.

BrainSTORM is an epilepsy surgery product that, for the first time-ever, tracks seizure flow in the brain within the anatomical structure, making the treatment plan easy and intuitive. BrainSTORM visualizes electrical signals from sEEG leads in an MRI and CT-based 360°VR model.

Focused machine learning on lead placement and seizure foci localization.

