

California Children's Hospital First in the World to Implement Synaptive Technology

Synaptive Medical's Modus V and BrightMatter™ solution among technology selected for new surgical and intervention center.

As announced in [a recent press release](#) marking the opening of their new surgical and interventional center, Lucile Packard Children's Hospital Stanford is the first pediatric hospital in the world to implement the use of Synaptive Medical's and the BrightMatter™ technology suite.

Modus V is an automated robotic arm with high-powered digital microscope that uses the most powerful optics available on the market today and robotic technology originally developed for the International Space Station. It may allow surgeons to perform less invasive procedures with more precision. In some cranial cases, it may allow surgeries that were previously deemed inoperable.

Synaptive's technology [will allow doctors](#) to view patient anatomy in 3-D so that the hospital's neurosurgeons can perform complex surgery on previously unreachable deep tumors of the brain with less invasive approaches and more precision.

[It is hoped](#) that Modus V's use may lead to faster recovery times and fewer complications for patients and, in some cases, may render an inoperable diagnosis operable.

Synaptive's BrightMatter™ integrated surgical platform will also be

implemented at Packard Children's Hospital. BrightMatter Plan automates the generation of brain tractography imaging, which maps the sensitive white matter tracts that control sight, mobility and other functions in the body. When seamlessly loaded during surgery via BrightMatter Guide, this functionality gives surgeons a dynamic 3D visualization of the brain that may allow for less invasive surgery and potentially safer surgical routs. For patients, less invasive procedures may lead to reduced complications and faster recovery times.

"We're excited to learn from the hospital's experience with our technology to increase our understanding of how it can help neurosurgeons to create better outcomes for children," said Cameron Piron, president and co-founder of Synaptive Medical.

About Synaptive Medical | Synaptive Medical is a company solving surgical, imaging and data challenges to improve the quality of human lives. Our team is committed to delivering innovative and results-oriented products that capture patient data and deliver it when and where it matters most for clinical decision making. Pioneers in surgical planning and navigation, robotic digital microscopy and data platforms, we're helping doctors to see the brain and body in ways they never have before. Learn more at www.synaptivemedical.com.

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