

Synaptive Medical introduces new surgical robotic device

11 October 2017 | News

The new device is intended to allow an enhanced view of patient anatomy, which enables surgeons to perform accurate and less invasive procedures.



Synaptive Medical has introduced its second-generation, high-powered Modus V digital microscope that has a robotic arm to aid neurosurgery. Modus V is based on Canadarm technology used at the International Space Station and is part of the firm's integrated BrightMatter platform.

The new device is intended to allow an enhanced view of patient anatomy, which enables surgeons to perform accurate and less invasive procedures, leading to fast recovery times and decreased complications. With advanced instrument tracking and auto-focus, the device facilitates hands-free control and increased surgical efficiency.

BrightMatter is designed to provide a fully integrated platform for surgical planning, patient data collection, and intraoperative vision through navigation, robotic automation, digital microscopy, and data analytics. The device features improved flexibility to allow coverage of more space and versatile positioning, while its smaller unit footprint enables rapid deployment.