

McSleepy Meets DaVinci

In a world first, a completely robotic surgery and anesthesia was recently performed at the McGill University Health Centre (MUHC). The DaVinci surgical robot was first put to work this summer in the hospital, whereas the anesthesia robot, nicknamed McSleepy, has been providing automated anesthesia since 2008. The two combined to perform the first all-robotic surgery on a prostatectomy patient.

Providing anesthesia for robotic prostatectomy can be challenging because of the specific patient positioning and the high degree of muscle relaxation necessary to maintain the right surgical conditions. However, automated anesthesia delivery can be configured exactly to the specific needs of different surgeries, such as robotic surgery. Researchers will use the results of this project to test all robotic surgery and anesthesia in a larger scale of patients and various types of surgery.

www.muhc.ca [1]

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