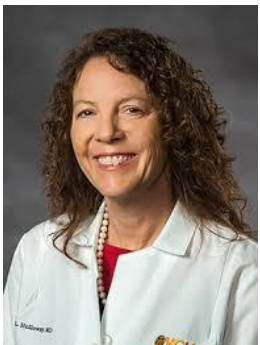


Neurology Grand Rounds

“THE UTILITY OF ADDING A VIM LEAD TO GPI DBS FOR
PARKINSONIAN PATIENTS WITH MEDICATION UNRESPONSIVE TREMOR”

Learning Objectives:

1. Know the targets of deep brain stimulation for movement disorders and the advantages and disadvantages of each
2. Understand the difference in medication resistant tremor and medication responsive tremor
3. Understand the utility of adding a VIM lead to the STN or GPI lead for better tremor control



Dr. Kathryn Holloway is an internationally recognized, board-certified neurosurgeon who has dedicated her life's work to treating movement disorders through surgery. Patients worldwide have benefitted from the work of Dr. Holloway, who treats debilitating conditions such as Parkinson's Disease, essential tremor, dystonia, epilepsy and others using delicate surgical procedures.

She is a global innovator in deep brain stimulation (DBS) surgery, which implants tiny electrodes within the brain and is today used to treat Parkinson's, essential tremor and other neurological disorders. She led a team in the late 1990s dedicated to understanding — and perfecting — DBS. During these defining clinical trials, Dr. Holloway partnered with medical device firm Medtronic to create a new surgical tool (the frameless stereotactic approach) for the procedure — resulting in improved patient comfort, equivalent accuracy and reduced surgery time. She serves as the program director of VCU Health's Deep Brain Stimulation program and Medtronic has ranked Dr. Holloway one of the busiest surgeons in the nation for DBS. Neurosurgeons have visited Virginia from as far as New Zealand to observe her in the operating room.



FRIDAY, November 6, 2020 ■ 12PM

Zoom: <https://vcuhealth.zoom.us/j/92541068301?pwd=U2hLcXAwMWRlY1Awa3dXWGFKVGdjUT09>



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