



SYNAPSE

Neurosurgery

RESIDENT'S CORNER

SYNAPSE – SPRING 2015

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Henry Ford Hospital has been delivering cutting-edge neurosurgical care for more than 90 years and has graduated dozens of neurosurgeons who touch the lives of many people across the globe. In order to drive our mission forward to enhance health through patient care, education and research, a team of current residents led by senior resident Dr. Aqueel Pabaney have created a YouTube™ channel, Henry Ford Neurosurgery Digital Video Library (tinyurl.com/hfndvl).

The screenshot shows the YouTube channel interface for 'HENRY FORD NEUROSURGERY DIGITAL VIDEO LIBRARY'. The channel header features the Henry Ford Medical Group crest. Below the header, the channel name is displayed in large blue letters. The main content area shows a video thumbnail for 'Thoracic Intraforaminal disc' uploaded by the channel 1 month ago, with 27 views. The video description indicates it is a Thoracic Laminotomy for Excision of Intraforaminal Disc at T11 / T12 on right side. Surgery performed by Dr Mokbel Chedid at Henry Ford West Bloomfield Hospital. On the left sidebar, there's a 'What to Watch' section and a 'BEST OF YOUTUBE' section listing categories like Popular on YouTube, Music, Sports, Gaming, Education, Movies, TV Shows, News, Live, and Spotlight. A link to 'Browse channels' is also present. At the bottom of the sidebar, there's a call to action: 'Sign in now to see your channels and recommendations!'

Sharing Surgical Insights

New state-of-the-art, high definition, fluorescence-ready operative microscopes are utilized to record in high resolution some of our most complex and insightful cases that can now be shared with not only our own residents, but also neurosurgery residents and medical students from all over the world. In addition, with the use of GoPro™ mounted cameras – an innovation introduced by senior resident Dr. Adam Robin – patient positioning, incision and early parts of the surgical approach can also be incorporated. Background commentary emphasizing salient features of the operation will be included as well.

"We think this may lead to better outcomes in the future," say Drs. Robin and Pabaney. "We are excited to continue working with our fellow residents on these projects and others that will positively impact our patients through new developments in education, research and patient care."

AQUEEL H. PABANEY, M.D.



Dr. Aqueel H. Pabaney is a senior neurological surgery resident at Henry Ford Hospital. He received his medical education at the Aga Khan University in Pakistan. He is a member of the AANS, CNS and North American Skull Base Society. His clinical and research interests include intracranial aneurysms, arteriovenous malformations and surgical approaches to the skull base. He will pursue further training in cerebrovascular and skull base surgery as a Fellow under Anil Nanda, M.D., at Louisiana State University's Health Sciences Center.

ADAM M. ROBIN, M.D.



Dr. Adam M. Robin is a senior neurological surgery resident at Henry Ford Hospital. He obtained his undergraduate degree at University of Michigan and studied neuroscience and medical research in graduate school at Wayne State University School of Medicine, before earning his medical doctorate. He is a member of the AANS, CNS and Society for Neuro-Oncology. His clinical and research interests include glioma, meningioma, brain and spinal metastases, brain plasticity and surgical adjunctive technologies to improve the efficacy and safety of brain tumor surgery. He will pursue his training in neurosurgical oncology as a Fellow at Memorial Sloan-Kettering Cancer Center in New York City under Philip Gutin, M.D.