



## Dartmouth Neurological Surgery Residency Program

Established in 1947, our program is one of the oldest in the country. Residents in this program are respectfully treated as colleagues and are held to the highest professional standards. The collegial atmosphere, along with the program's apprenticeship training structure, are enabled by a small, cohesive group of residents and faculty.

Our mission is to provide advanced neurosurgical care to our region of northern New England: we are a referral resource for subspecialty expertise across all areas of neurosurgery. We are committed to training the next generation of neurosurgeons who will enter practice as safe, competent and skillful surgeons. We believe that research is an integral part of the education of residents and the advancement of the field of neurosurgery. Our institution is a Level 1 trauma center, a Comprehensive Cancer Center, a Primary Stroke Center and has a Children's Hospital and we provide integral support to these programs.

Our Center for Surgical Innovation represents a joint collaboration between Dartmouth-Hitchcock, the Geisel School of Medicine, and the Thayer School of Engineering, with capital funding from the NIH. This facility includes three highly advanced operating suites with intraoperative MRI and CT, with direct integration of image guidance. It is the only facility in the nation approved for both clinical surgery and animal research, affording near limitless investigative potential.

Both of our 2021 graduates had well over 2,000 cases each – more than double the ACGME's 800 case log minimum.

Our faculty participate in a wide variety of research. For example we were one of the first centers to participate in the development of fluorescence trials which lead to FDA approval and frameless stereotaxy was developed here.

We have a new Neuro Critical Care CAST Fellowship.

We encourage you to come train in beautiful New Hampshire with mountains, lakes and the sea coast all within easy driving distance. See for yourself with these videos:

<https://gme.dartmouth-hitchcock.org/neurosurgery/current-residents-alumni.html>

<https://gme.dartmouth-hitchcock.org/neurosurgery/overview-program-details.html> scroll to the bottom of the page for videos about working at DHMC and living in the Upper Valley

Questions? Email Tobi Cooney, Residency Program Coordinator at: [tobi.j.cooney@hitchcock.org](mailto:tobi.j.cooney@hitchcock.org)

