



Connectome

Students Association for
Neurosurgery, Neurology and
Neuroscience

Connectome's Research Hub – Projekte

Title: Research Fellowship: Spine Division

Key Points

Subject area: Spine Surgery

Description:

The research fellow will develop study protocols, conduct chart reviews, administer surveys, perform systematic reviews/meta-analyses, analyze data, and write manuscripts. As part of their research fellowship, it is anticipated that the fellow will complete 6-8 publishable manuscripts. It is expected that the fellow will have done some preliminary research before they arrive and will complete 3-4 studies in their time here. The rest will be completed when they return home. We will consider candidates who are pursuing a Dr. med thesis.

Research Topics and Expectations:

Areas of focus will include outcomes after spine surgery, evaluation of treatment methods, and patient safety/quality improvement projects. There may be also opportunities to work in the Orthopaedic laboratory on cadaver studies. The fellow will be responsible for the design and conduct of these studies. Their presence at BIDMC is essential to conduct this research. The fellow will be involved in conducting literature searches, collecting data, performing statistical analysis, and drafting manuscripts, and supervising short-term researchers in our department.

Timespan: 12 months, full time. Anticipated start: September 2025

Location: On-site, Boston

University: Harvard University

Supervisor: Sapan Gandhi, MD

Spine Surgeon, Department of Orthopaedic Surgery
Director of Spine Research, Department of Orthopaedic Surgery
Instructor in Orthopaedic Surgery, Harvard Medical School
Beth Israel Deaconess Medical Center

Contact: Michael McTague, MPH

Director of Clinical Research
Carl J. Shapiro Department of Orthopedic Surgery
Beth Israel Deaconess Medical Center
330 Brookline Ave
Boston, MA 02115
USA
mmctague@bidmc.harvard.edu