Functional neurosurgery involves surgical procedures that modulate brain activity and restore neurological function. These procedures, which include deep brain stimulation and epilepsy surgery, have great potential for improving the outcomes of patients suffering from a wide range of neurological, cognitive, and psychiatric disorders. Current approaches could benefit from many improvements, and a host of technologies could be translated into effective clinical therapies in the near future. Advances in functional neurosurgery are being driven rapidly by progress in neuroscience, neurobiology, and neurotechnology. Keeping abreast of these research developments and their clinical translation is crucial for members of the functional neurosurgery field. As such, the overall objective of this conference is to provide a forum for sharing and discussing updates on recent clinical and scientific progress in the field of functional neurosurgery.

Objectives

- List novel methods for improving the accuracy and efficacy of deep brain stimulation
- Discuss strategies for developing new indications for neuromodulation
- Explain the role of brain networks in epilepsy
- Review new technologies and approaches for restoring brain function

Registration

The registration fee is $50 for physicians and other interested healthcare professionals. Registration for Penn Medicine residents, fellows and students is complimentary. Registration includes continental breakfast, lunch, mid-morning & afternoon breaks.

Accreditation

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Designation of Credit

Physicians: Penn Medicine designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

More Information

Please reach out to penncme@mail.med.upenn.edu or call 215-898-8005 with any questions. Registration is only available online.