

CranialVault atlas

Fully automatic targeting based on nonrigid image registration with the use of the CranialVault atlas is as accurate and more precise than popular manual methods for [subthalamic nucleus](#) STN-DBS ¹⁾.

¹⁾

Pallavaram S, D'Haese PF, Lake W, Konrad PE, Dawant BM, Neimat JS. Fully Automated Targeting Using Nonrigid Image Registration Matches Accuracy and Exceeds Precision of Best Manual Approaches to Subthalamic Deep Brain Stimulation Targeting in Parkinson Disease. *Neurosurgery*. 2015 Jun;76(6):756-765. PubMed PMID: 25988929.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=cranialvault_atlas

Last update: **2024/06/07 02:52**

