

## Accepted Manuscript

Brain Shift in Neuronavigation of brain tumours: A Review

Ian J. Gerard , Marta Kersten-Oertel , Kevin Petrecca ,  
Denis Sirhan , Jeffery A. Hall , D. Louis Collins

PII: S1361-8415(16)30156-6  
DOI: [10.1016/j.media.2016.08.007](https://doi.org/10.1016/j.media.2016.08.007)  
Reference: MEDIMA 1178



To appear in: *Medical Image Analysis*

Received date: 4 November 2015  
Revised date: 22 August 2016  
Accepted date: 23 August 2016

Please cite this article as: Ian J. Gerard , Marta Kersten-Oertel , Kevin Petrecca , Denis Sirhan , Jeffery A. Hall , D. Louis Collins , Brain Shift in Neuronavigation of brain tumours: A Review, *Medical Image Analysis* (2016), doi: [10.1016/j.media.2016.08.007](https://doi.org/10.1016/j.media.2016.08.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**HIGHLIGHTS**

- A comprehensive review of research on the phenomenon of brain shift
- A new taxonomy separating brain shift into physical, biological and surgical factors
- Contrast between brain shift correction through intraoperative imaging methods
- Recommendations for future focus of brain shift research

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6878084>

Download Persian Version:

<https://daneshyari.com/article/6878084>

[Daneshyari.com](https://daneshyari.com)