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Innovation in neurosurgery: Evaluation of neurosurgical innovation, related ethics, and solutions

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Curriculum Vitæ

Ivo S. Muskens

Ivo S. Muskens, MD, was born on October 11, 1991 in Utrecht. He went to the Christelijk Gymnasium in Utrecht for high school, where he graduated cum laude in 2010. A passion for working with people, a keen interest in the workings of the human body, and a desire to help others made Ivo decide to go to medical school at Utrecht University. While in medical school, Ivo joined the Utrecht Studenten Corps, a fraternity, and the Utrechtse Studenten Rugby Society, a rugby club for students. After several rotations, Ivo realized that, out of all the medical specialties, his passion lay with neurosurgery. He started a fruitful collaboration with neurosurgeon Dr. Broekman, MD PhD LLM. Subsequently, he decided to join her for a year in Boston to perform research at the Department of Neurosurgery of the Brigham and Women's Hospital, part of Harvard Medical School, in Boston, MA. The research during this period focused on the ethics of neurosurgical innovation and formed the basis of this thesis. After obtaining his MD in 2017, Ivo was offered a postdoctoral position at the University of Southern California in Los Angeles, CA, with prof. Joseph Wiemels, PhD. The research during this postdoc focused on the identification of genetic and non-genetic risk factors for pediatric cancers, pediatric glioma in particular. After his postdoc, Ivo realized he wanted to make an impact at a higher level in the healthcare landscape and joined Gupta Strategists, a consultancy, in Amsterdam as a consultant.

List of Publications

List of publications included in this thesis

1. **Muskens IS**, Senders JT, Dasenbrock HH, Smith TR, Broekman ML (2017) The Woven Endobridge Device for Treatment of Intracranial Aneurysms: A Systematic Review. *World Neurosurg* 98:809-817 e801. doi:10.1016/j.wneu.2016.11.020
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