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

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Citation

Muskens, I. S. (2021, April 1). *Innovation in neurosurgery: Evaluation of neurosurgical innovation, related ethics, and solutions*. Retrieved from <https://hdl.handle.net/1887/3151773>

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Author: Muskens, I.S.

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

Issue date: 2021-04-01

Acknowledgements

A great many of fantastic people have contributed to this thesis in various ways for which I am truly grateful. I would like to thank the following people in particular because of their help, friendship, and continued support:

First of all, I would like to thank the patients that participated in the studies or whose data was reviewed for this thesis. The only way to improve their outcomes is through their trust and willingness to participate, for which I am truly grateful.

My promotor, prof. dr. Peul. Beste prof. Peul, het is voor mij een enorme eer om te mogen promoveren bij uw afdeling. Daarnaast wil ik u danken voor uw goede input en hulp bij de totstandkoming van dit proefschrift.

My copromotor, dr. mr. Broekman. Beste Marike, wat een stage had moeten worden voor sociale geneeskunde is een beetje uit de hand gelopen tot een hoofdstuk in dit proefschrift en nog een klein beetje meer. Zonder jouw enthousiasme, inzet, vertrouwen, maar ook geduld, was dit hele boekje nooit tot stand gekomen. Jouw visie is essentieel geweest voor het boekje dat heeft geresulteerd. Alle “walk-and-talks”, “Nero’tjes” en al het overige “on-the-fly” overlegjes, maar ook alle uitgebreide besprekingen elke week hebben dit boek gemaakt tot wat het is. Het belangrijkste zijn echter jouw geweldige persoonlijkheid, onvermoeibaarheid en de geweldige samenwerking die ik heb mogen meemaken. Je zal altijd een inspiratie voor mij zijn en zal onze fijne samenwerking nooit vergeten.

Prof. dr. Bredenoord, beste Annelien, dank voor al uw hulp bij alle projecten. Uw visie op de geneeskunde en innovatie vind ik heel bijzonder. Ik waardeer het zeer dat ik met u hebben mogen samenwerken en veel van u heb kunnen leren.

Dear faculty of neurosurgery of Brigham and Women’s Hospital, Harvard Medical School, thank you all so much for the opportunity to work at your great department. This was a great learning experience for me. I would like to especially thank Drs. Claus, Smith, and Gormley for their mentorship, support, and leadership.

All members of CNOC. Dear all, thanks so much for your dedication and great working environment. This environment was a great source of inspiration and collaboration for me. I am sure you all will achieve greatness in the future. I would like to especially thank Dr. Mekary, Dr. Gupta, Dr. Lamba, David Cote, and Joseph Castlen.

Dr. Moojen, beste Wouter, jouw werkhouding, inzet en organisatieskills zijn een grote inspiratie geweest voor mij. Het mogen samenwerken aan projecten beschreven in dit boek maar ook daarbuiten is een zeer leerzame ervaring geweest.

Dr. Tsie, beste Lennart, jouw steun, waardevolle vriendschap en levenslessen zijn tijdens mijn studententijd en daarna heel belangrijk geweest en zijn dat nog steeds. Mijn dank is dan ook groot!

Dr. Senders, beste Joeky, van jouw talent in programmeren en precisie heb ik veel geleerd. Daarnaast hebben we onwijs een mooie tijd gehad in Boston en hebben we

veel “leerzame” congressen bezocht. Dank voor de fantastische tijd en fijne samenwerking.

Dr. Martin, beste Enrico, jouw leiderschap en organisatieskills maar ook jouw inzet voor plastische chirurgie is erg inspirerend. Daarnaast hebben we ook in Boston en Utrecht een mooie tijd gehad met veel koffietjes en gezelligheid. Dank voor jouw betrokkenheid en inzet.

Dr. Hulsbergen, beste Alexander, dank voor alle mooie projecten en gezellige momenten. Ik kijk uit naar onze verdere samenwerking.

Beste Marion St. bewoners, dank voor de geweldige steun, gezelligheid en leuke tripjes. Jullie waren essentieel voor mijn geweldige tijd in Boston.

Beste Alpaca's, dank voor het bezorgen van een onvergetelijke afgelopen 10 jaar. Onze borrels, trips en gezelligheid hebben me tot een beter mens gemaakt en ik waardeer jullie vriendschap ontzettend.

Beste familie en vrienden, dank voor jullie steun en vriendschap in goede en in mindere goede tijden. Zonder jullie steun was dit boek niet tot stand gekomen.

Beste Frans en Mathijs, dank voor al jullie steun en onvoorwaardelijke support. Jullie betekenen heel veel voor me en zonder jullie support was dit nooit mogelijk geweest.

Beste Laura, ook al kende ik je nog niet toen ik in Boston zat, ik ben heel blij dat ik je ben tegengekomen tijdens mijn korte “pauze” in Nederland. Jouw liefde en hulp zorgen ervoor dat ik mij elke dag kan inzetten en het beste uit mezelf kan halen.

Beste Marion, dank voor je steun, geduld en relativerende blik op de inhoud. Je was een van de grootste inspiratiebronnen voor dit boekje, mijn inzet voor de neurochirurgie en de geneeskunde als geheel. Zonder jou was dit boekje nooit tot stand gekomen en had het nooit zoveel diepgang gehad. Je zal altijd een bron voor inspiratie en menselijkheid voor me zijn.

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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