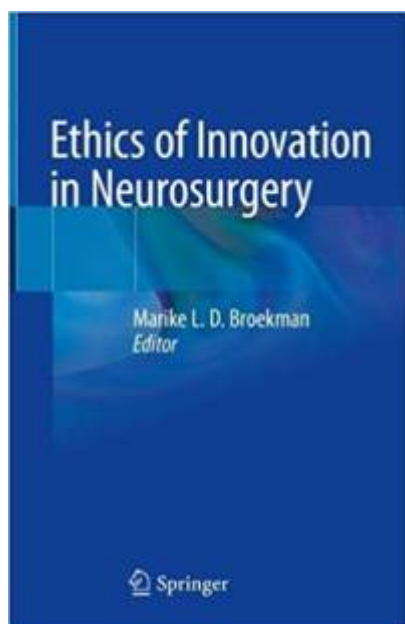


Ethics of Innovation in Neurosurgery

by Marike L. D. Broekman (Editor)



List Price: \$139.99

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This book covers all [ethical](#) aspects of introducing novel [implants](#) and [procedures](#) in [neurosurgery](#) in a structured way, addressing the current [knowledge](#) gap concerning ethical [innovations](#) in neurosurgery. Initially it explores the difficulties involved in defining when a [procedure](#) should be considered [innovation](#), [research](#), or [care](#). To this end, it presents not only an overview of current [literature](#), but also [data](#) from a recent [survey](#) among neurosurgeons in [Europe](#).

The book subsequently discusses the ethical issues related to innovation. These include: [informed consent](#) (what should a surgeon tell the patient and how should he/she do so), oversight (can any surgeon simply implant a novel spinal device?), the [learning curve](#) (when should a surgeon be allowed to perform a novel procedure?), vulnerable patients (how to innovate in the pediatric population or in an [emergency](#) setting), and [conflict of interest](#), as well as the [ethics](#) of paying for innovative treatments.

In turn, the closing chapters focus on the evaluation of neurosurgical [research](#) and innovation. Are cultural changes necessary and how could innovation benefit from (international) [collaborations](#)? Given the range of topics addressed, the book offers neurosurgeons, [residents](#), [scientists](#), companies and hospital [administrations](#) a valuable guide to introducing novel implants and [techniques](#) in neurosurgery.

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