

Neurotechnologies and Privacy in the Medical and Non-medical Field: Ethical-legal Concerns

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Abstract: Neurotechnologies represent an unprecedented challenge for privacy. They allow direct access to the human brain, collection of brain data, and possibility of manipulating mental processes. In this paper, I will discuss the ethical-legal problems arising from neurotechnologies used for clinical and non-clinical applications with specific focus on privacy as a means to *nurture* autonomy and free construction of one's personality.

Keywords: Privacy, Neurotechnologies, Autonomy, Moral technologies.

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