

L'impatto della medicina algoritmica sul *shared decision making*

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The Impact of Algorithmic Medicine on Shared Decision Making

Abstract: The application of machine learning is increasingly being developed for use in medicine, including for diagnosis and in treatment decision making. The use of AI in medical treatment raises many ethical issues that are yet to be explored in depth by bioethicists. Specifically, consideration of the ethical (and legal) challenges inherent in implementing machine learning in health care is warranted if the benefits are to be realized. Some ethical challenges should be addressed and need to be guarded against, such as concerns that the relationship between the ethical ideal of shared decision making and AI systems, for example IBM's Watson for Oncology, may entails both important risks and significant opportunities. But if designed and used in an ethically informed way, AI could offer a potentially powerful way of supporting shared decision making and of promoting patient autonomy.

Keywords: Machine learning, Shared decision making, Justifiable healthcare, Valueflexibility design.

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