

## **Impacts of Artificial Intelligence on the Doctor-Patient Relationship: Ethical Principles, Informed Consent and Medical Obligation**

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**Abstract :** It is presented hypothetical cases in the context of AI algorithms to support clinical decisions, in order to discuss the importance of doctors to respect AI ethical principles. Regarding the principle of transparency and explanation, there is an impact on the new model of patient consent and on the understanding of qualified information. Besides, the human control of technology (AI as a tool) should guide the physician's activity; otherwise, he breaks the patient's legitimate expectation in a specific result, with the consequent transformation of the medical obligation nature.

**Keywords :** medical law, artificial intelligence, ethical principles, patient's informed consent, medical obligations

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