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Master Thesis Defense

Entitled

PROVISIONS OF THE LEGAL RESPONSIBILITY OF THE MEDICAL ROBOT

By

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abstract

The medical robots are considered as the most modern techniques in the artificial intelligence, which are used in various medical domains as robotic health care which look after the disabled and elderly people, the medical robotic surgery which are used for surgical operations, cause some legal issues, such as social, ethical and medical mistakes.

So, this research will highlight on the robotic surgery, the general system and the legal frame for those robots and the entailed responsibility, this research will illustrate the current legal frame for those robot's medical health care and the robots which are used for surgical operations. The research also will focus on how the UAE law provides such medical responsibility and what are the basic legislations lied on.

The researcher indicates that using medical robots cause many medical legal problems, especially when those issues are considered as legal medical cases, and how exemption occur, the researcher recommend various recommendations relate to the medical robots' responsibilities which focus on the doctor's commitment when he or she uses the medical robots, they must be reassure in advance that they will achieve a result, not merely efforts.

Keywords: The robots medical care, the Robotic Surgery
and the medical responsibility.