

This was a great review of the ethics and professional conduct of medical implant risks. I really enjoyed your opening statement that “Medical implants have the potential to revolutionize healthcare, offering new possibilities for improving or maintaining patient well-being”, this statement is also supported by Bastos et al (2021), Pessanha (2018) and Mauch (2021).

Although the introduction of medical implants into treatment is beneficial for patients, you also highlighted that medical implants are surrounded by ethical, professional and legal controversy, with your statement that “the development and application of these implants raise complex ethical, legal, and professional considerations” which is a very important observation. With the increase in numbers of implants of medical devices into patients being performed, this has also led to an increase in explantations (Hansson, 2023). According to Hansson (2023), these explantations are due to many reasons, two of those reasons being device defects and battery exchanges.

From an ethical perspective for the patient who receives a medical implant, explantations for defective implants raises many ethical and professional points, especially for explantations due to implant removal at the end of clinical studies (Hansson, 2023).

Conclusion

When it comes to jurisdiction and legal issues, it still appears divided. According to Kramer & Parasidis (2022), existing laws and regulations may not require patient authorisation for collection and use of data incorporated into compulsory registries. It appears that this observation by Kramer & Parasidis (2022) does not align with your good and valid point on “patient privacy”, but the ACM (2012), Anderson (2007) and the BCS all provide support to your point within their papers and documentation. However, Kramer & Parasidid (2022) state that “these legal limitations should not dictate the ethical obligations of healthcare providers and registry stewards” and this is where you all align.

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