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Title **Cytotron**

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Reference Technology Review Report, 022/08.
http://medicaldev.moh.gov.my/uploads/22.Cytotron.pdf

Aim

To assess the effectiveness, safety, and cost effectiveness of the Cytotron or Rotational Field Quantum Magnetic Resonance (RFQMR) device.

Conclusions and results

No evidence was retrieved from the main scientific databases as regards the effectiveness of Cytotron and RFQMR, and only one study was obtained from the website of the device itself. In the nonrandomized, noncontrolled clinical trial, RFQMR was found to be significantly effective in treating osteoarthritis of the knee joint. The noted improvement persisted when evaluated after one month. Caution is warranted when applying the findings from the study to local scenarios. Evidence was insufficient to support the effectiveness of Cytotron, and no evidence was retrieved on its safety, cost effectiveness, or use in cancer treatment.

Recommendations

Cytotron is not recommended for treating chronic conditions such as cancer and degenerative diseases (eg, osteoarthritis) until more scientific evidence is available to support its effectiveness, safety, and cost effectiveness.

Methods

Electronic databases used to search the literature included: PubMed/MEDLINE, Cochrane, INAHTA, Horizon Scanning, other relevant websites, eg, the US FDA website, the Agency for Healthcare Research and Quality, and general search engines. The search strategy used the following terms, alone or in combination: Cytotron, Rotational Field Quantum Magnetic Resonance, RFQMR. No limitations were applied in the search.

Further research/reviews required

Further research is warranted to obtained evidence on the effectiveness, safety, and cost effectiveness of the Cytotron or Rotational Field Quantum Magnetic Resonance device.

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