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## Wearable cardioverter-defibrillator (WCD) therapy in primary and secondary prevention of sudden cardiac arrest in patients at risk

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### Record Status

This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

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### Authors' objectives

This assessment, performed within the "European Network for Health Technology Assessment (EUnetHTA) Joint Action 3, aimed to provide valid data on clinical effectiveness and safety of the WCD. Furthermore, the project intended to elicit patients' views on aspects regarding their cardiac disease and the WCD therapy as well as to identify neglected outcomes.

### Authors' conclusions

According to the published data, no statement can be made about the device's effectiveness – further research is needed. Studies suggest that the WCD could be a relatively safe intervention in the short to medium term. However, more data and more adequate reporting of (serious) adverse events are needed in order to establish the device safety. In particular, more data is needed for specific risk stratification of high risk patients in order to further narrow down the wide range of indications for WCD use.

### Project page URL

<http://hta.lbg.ac.at/page/tragbare-kardioverter-defibrillator-wcd-therapie-als-praevention-vor-dem-ploetzlichen-herztod-in-risikopatientinnen/en>

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