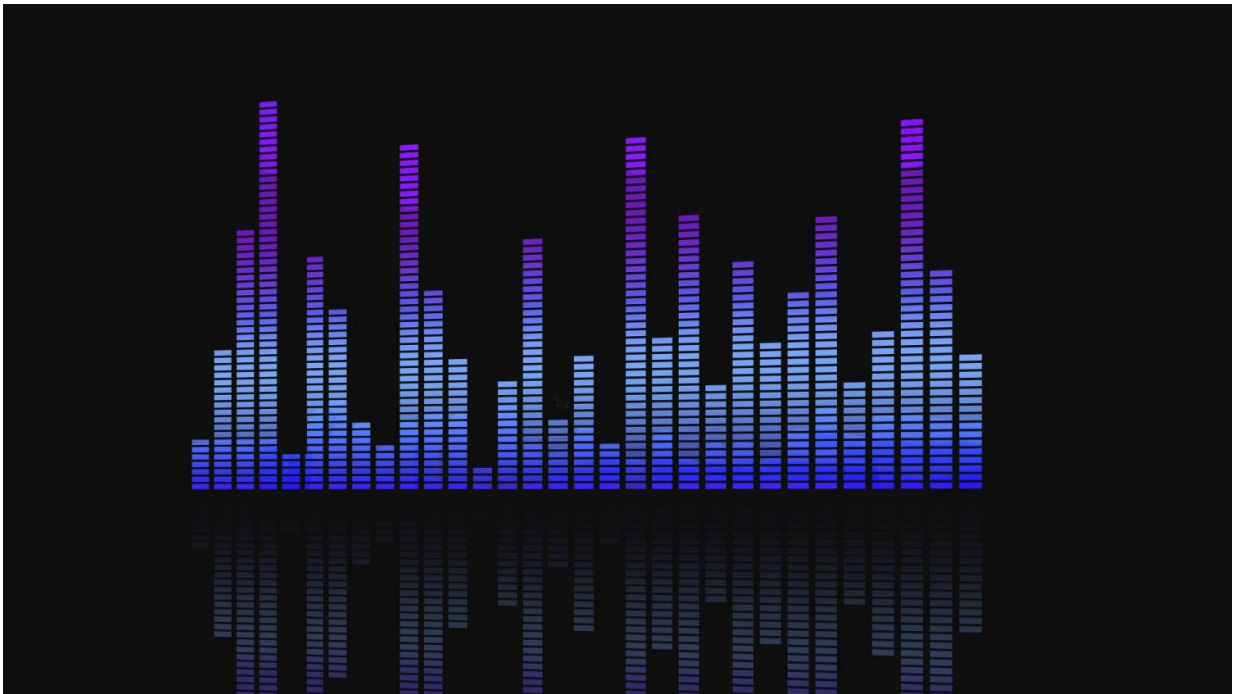


# Music lessens pain and anxiety in patients undergoing surgery

April 24 2018

---



Credit: CC0 Public Domain

Music can reduce the anxiety and pain of invasive surgery, according to an analysis of all relevant randomized controlled trials published since 1980.

Ninety-two trials with a total of 7385 patients were included in *British Journal of Surgery* analysis. Music interventions significantly decreased

anxiety and pain compared with controls, equivalent to a decrease of 21 mm for anxiety and 10 mm for pain on a 100-mm visual analogue scale.

There was no significant association between the effect of music interventions and age, sex, choice and timing of music, and type of anaesthesia.

"This result makes it now possible to create guidelines for the implementation of music interventions around surgical procedures," said lead author Dr. Rosalie Kühlmann, of Erasmus MC–Sophia Children's Hospital, in The Netherlands.

**More information:** A. Y. R. Kühlmann et al. Meta-analysis evaluating music interventions for anxiety and pain in surgery, *British Journal of Surgery* (2018). [DOI: 10.1002/bjs.10853](https://doi.org/10.1002/bjs.10853)

Provided by Wiley

Citation: Music lessens pain and anxiety in patients undergoing surgery (2018, April 24) retrieved 11 May 2024 from <https://medicalxpress.com/news/2018-04-music-lessens-pain-anxiety-patients.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--