

# **Examining the Gate Control Theory and how it has reshaped research in quantitative methods in music and medicine**

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## **Abstract**

The Gate Control Theory of Pain was first proposed by Ronald Melzack and Patrick Wall (1965). They suggested that there is a "gating system" in the central nervous system (in the spinal cord where the nerves come in from an injury) that opens to let pain messages through to the brain and closes to block them. The aim of paper is to examine the contributions of the Gate Control Theory in the quantitative research in music and medicine. The paper delves into the tenets of the theory, its reliability and validity, and overall application in the biomedical research. The author can be reached at [dakombo@hotmail.com](mailto:dakombo@hotmail.com)