

# The Use of Artificial Intelligence in Palliative Care: A Literature Review

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## Introduction

- This paper presents a perspective on the use of artificial intelligence (AI) technology in palliative care for patients in rehabilitation or at the end of life.
- Although the full potential of AI is still being explored, artificial intelligence represents a significant advancement that society is currently experiencing.
- In healthcare, the use of AI brings numerous benefits.
- AI can assist in palliative care through devices that help detect pain, estimate quality of life, and predict complications using mortality prediction algorithms implemented in electronic medical records.
- In this way, it provides all necessary forecasts to support the medical and multidisciplinary teams in making decisions that benefit the patient.
- AI is built on training data; for example, an algorithm trained to recognize melanomas will be able to identify the condition in diagnostic images after being trained with such images.

## Objective

- To demonstrate how the use of technology can revolutionize and contribute to medical decision-making, helping to ensure quality of life for patients

## Methods

- This is a literature review study in which four studies written in plain language were selected to gather information on the use of AI in palliative care and to demonstrate its importance and benefits

## Conclusion

- It is evident that technology is increasingly gaining space in the healthcare field, contributing to personalized and effective care aimed at providing quality of life for patients and/or predicting future quality of life and disease progression.
- It is also clear that AI needs to be properly trained to perform effectively with the lowest possible error rate.



## REFERENCES:

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