



# Enhancing Poster Creation with AI: A Look into the Future of Medical Conferences

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## INTRODUCTION

Recent advances in artificial intelligence (AI) have transformed healthcare, particularly in the realm of medical information sharing. Large language models like ChatGPT have emerged as a significant breakthrough in the field. They can produce human-like responses to natural language prompts, which have enormous potential to enhance the accuracy and efficiency of medical information sharing. Despite the advantages, the use of AI in medical information dissemination is not without its drawbacks and challenges.

## ADVANTAGES

- AI can help researchers to efficiently search and analyze vast amounts of medical literature. This can lead to more comprehensive and accurate literature reviews and inform evidence-based medical practice.
- Saves time, effort, and resources
- Can generate novel ideas and perspective
- Allows for more professional-looking posters.

## DISADVANTAGES

- AI-generated posters may lack creativity and uniqueness, resulting in a generic and unmemorable poster.
- Over-reliance on AI may limit critical thinking.
- Risk of plagiarism or intellectual property infringement.
- Risk of fabricating information.



## ETHICAL CONSIDERATIONS

- Potential impact of AI-generated posters on employment opportunities for human designers.
- Transparency and accuracy of information presented on AI-generated posters.
- Using AI tools to produce entire posters without any input or contribution from the presenter may be considered unethical.
- Presenting work that is not one's own could be viewed as academic dishonesty.
- Diminished educational value, potentially compromising academic integrity and intellectual engagement.
- AI-generated posters without any human input may limit potential for meaningful discussions and critical feedback.

## CONCLUSION

- While AI technology has the potential to revolutionize the creation of posters for medical conferences, it is important to recognize the ethical considerations that come with its use.
- While AI can offer advantages such as increased efficiency, cost-effectiveness, and improved accessibility, it also presents challenges related to transparency, accountability.
- It is important to recognize that AI is not a substitute for human expertise and judgment.
- By balancing the benefits of AI with the ethical considerations at play, we can harness its power to enhance the dissemination of medical information while upholding the values of academic integrity and intellectual engagement.

## REFERENCES

- ChatGPT, an AI language model trained by OpenAI. Knowledge cutoff: 2021-09.
- Microsoft Bing Image Creator AI. Microsoft Corporation, 2023.

## DISCLAIMER

The text and visuals presented on this poster are generated through AI technology, with the guidance and formatting provided by human intellect.



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