TTS 2024 ISTANBUL TURKEY
September 22-25
30th International Congress of The Transplantation Society

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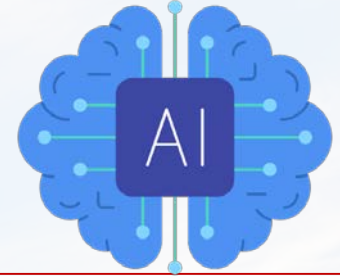# WHAT IS THE FUTURE ROLE OF ARTIFICIAL INTELLIGENCE IN TRANSPLANT NURSING?

The largest event in the field of Transplantation

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INTRODUCTION

- Artificial intelligence (AI) is predicted to transform transplant nursing by offering advanced algorithms and machine learning capabilities to improve patient care, organize administrative tasks, and enhance outcomes.

- Despite its potential, preserving the integral human touch of nursing while ethically and effectively integrating AI is crucial.
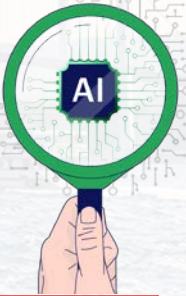
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AIMS

- This study aims to examine the responses regarding the future role of artificial intelligence in organ transplant nursing.

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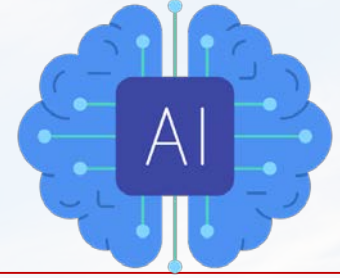30th International Congress of The Transplantation Society
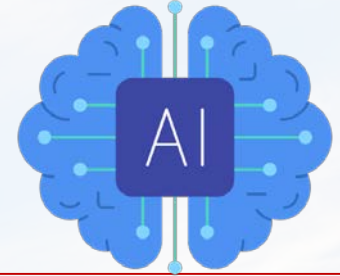
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METHOD

- Hix.Ai was queried about the best artificial intelligence sites in 2024.

- **Thirty sites** were examined where academic research questions were answered and freely accessible.

- The question "What is the future role of artificial intelligence in transplant nursing?" was posed to six sites providing explanations to this question.

- **HIX.AI**, **ChatGPT**, **Bing AI-copilot**, **Google Bard-Gemini**, **Writesonic**, **Elicit.**

RESULTS

Predictive Analytics: Predicting transplant success rates and complications by analyzing patient data.

Organ Allocation Optimization: Ensuring better matching of organs with recipients.

Personalized Patient Care: Customizing treatment plans and monitoring based on individual data

Enhanced Diagnosis and Monitoring: Early detection of complications using AI-supported tools.

Patient Education and Support: Providing assistance throughout the day via AI-powered chatbots

Streamlining Administrative Tasks: Focusing more on patient care by automating administrative duties.

Research and Innovation: Facilitating data-driven research to improve transplant outcomes.

CONCLUSION

- AI integration in transplant nursing can enhance patient care, streamline processes, and advance research.

- Collaboration among healthcare professionals, researchers, and policymakers is crucial for effective use, while addressing ethical issues is crucial.

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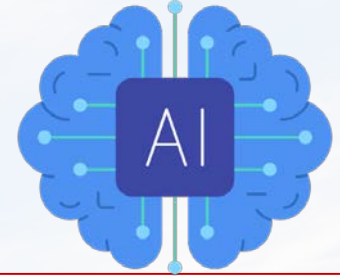30th International Congress of The Transplantation Society

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