

THE ECOSYSTEM OF EVIDENCE

Navigating the future
of the ecosystem of evidence

Artificial intelligence and digital transformation
in research and healthcare

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Mapping AI Integration in Evidence Synthesis

Emerging Practices in Medical Libraries and HTA Units

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Background and aims

- AI adoption in medical libraries and HTA units is poorly documented
- Medical librarians and information specialists support responsible, transparent, and ethical use of information, including AI

- Map use and identify best practices for AI implementation in evidence synthesis

Methods

- Environmental analysis using literature searches, grey literature review, and professional outreach
- Focus on AI tools for searching, screening, and updating CPGs and SRs for HTAs
- Synthesis of findings to identify trends and methodological challenges

Results, so far

- Growing interest in AI-assisted screening and information retrieval
- Systematic integration remains inconsistent across organizations

Limits and future conclusions

- Limited by publicly reported practices and variable AI terminology
- Additional stakeholder input will be needed to validate findings

- Will help identify best practices and support efficient, transparent, high-quality evidence processes

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