

FROM QUESTION TO EVIDENCE:

Anatomy of a Modern Biomedical Research Workflow

Evidence-based research requires more than finding relevant articles. It depends on precise searching, efficient workflows, transparent strategies and reliable access to evidence.

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DEFINE THE QUESTION

Turn a research need into a focused clinical question. A well-structured question provides the foundation for a more targeted search.

SUPPORTS: Precision

TOOLS:

- PICOT Searching

2



BUILD THE SEARCH

Translate the question into a precise search strategy. Controlled vocabulary and advanced search tools help identify concepts and build effective queries.

SUPPORTS: Precision

TOOLS:

- MeSH Subject Headings
- Filters and Limiters

3



REFINE THE STRATEGY

Adjust and combine searches without losing context. Review search history, modify queries and combine searches as the strategy evolves.

SUPPORTS: Precision + Efficiency

TOOLS:

- Search History
- Combine and Edit Searches

4



REVIEW THE EVIDENCE

Evaluate and manage relevant literature efficiently. Detailed records and AI-assisted tools help researchers review, understand and organize relevant literature.

SUPPORTS: Efficiency

TOOLS:

- Detailed Record
- Full Text
- AI Insights
- AI Ask

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PRESERVE THE SEARCH

Document strategies so they can be revisited and rerun. Search Sets preserve Search History and allow strategies to be rerun as research progresses.

SUPPORTS: Transparency

TOOLS:

- Save Search Sets
- Save Search History

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ACCESS THE EVIDENCE

Move from discovery to the full text behind the research. Reliable full-text access lets researchers move beyond citations to examine the evidence.

SUPPORTS: Access

TOOLS:

- Extensive Biomedical Full Text
- Ahead-of-Print Content

SUPPORT THE RESEARCH WORKFLOW FROM QUESTION TO EVIDENCE

MEDLINE Ultimate brings together trusted biomedical content and advanced research tools to help medical libraries support precise, efficient and transparent evidence-based research with reliable access to full text.