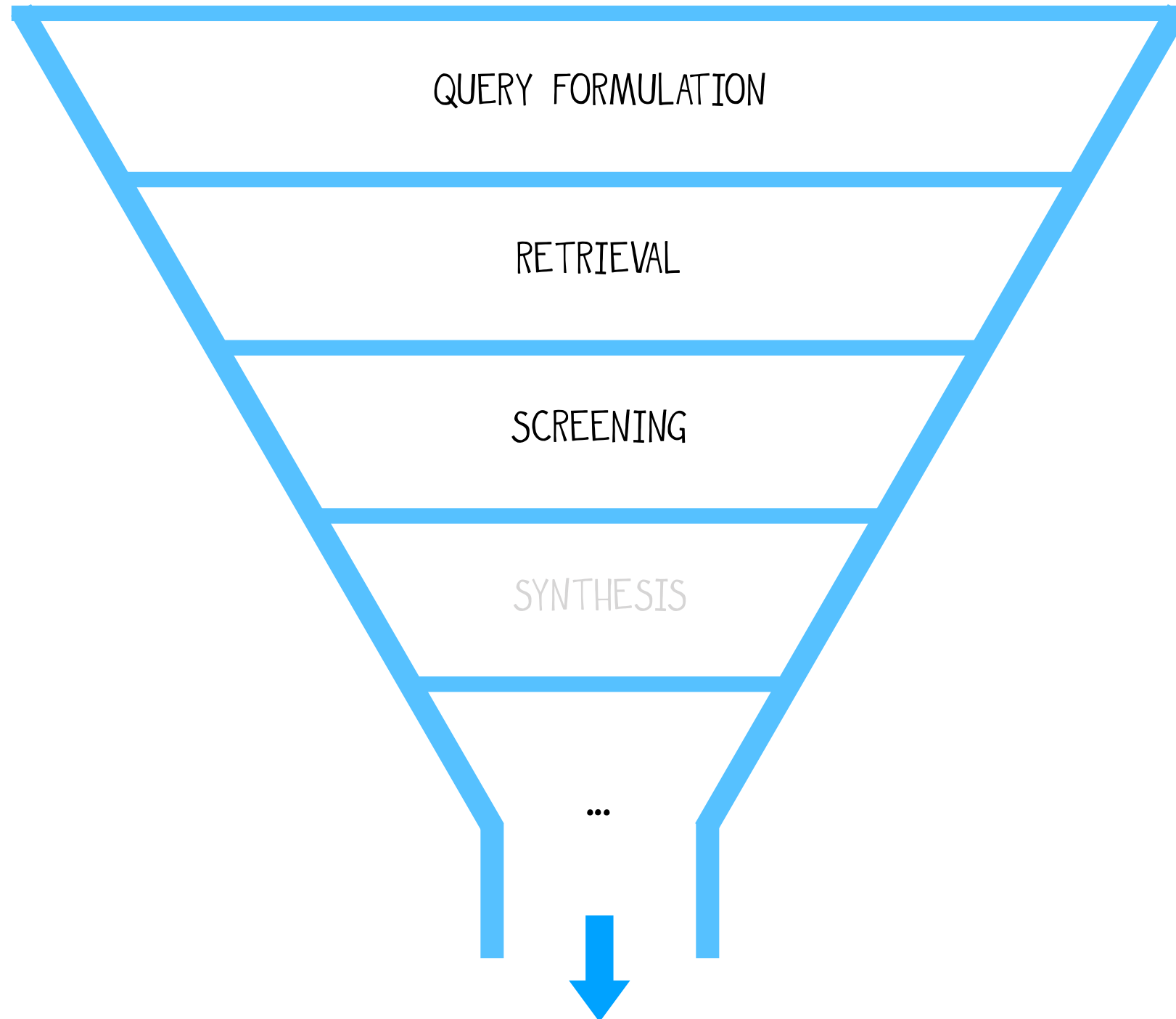


RESEARCH QUESTION: ARE CARDIO SELECTIVE BETA-BLOCKERS...



RECOMMENDATION: BETA-BLOCKER TREATMENT  
REDUCES MORTALITY...

**How can information retrieval be used to  
improve the retrieval of literature for medical  
systematic reviews?**

RQ1 How an information specialist  
formulates a query to retrieve  
medical study citations.

RQ2 How an IR system uses the  
queries to search citations.

RQ3 How to rank citations from most  
relevant to least.

# Significance

- The motivation for this research is to decrease the workload required of reviews contributing to systematic reviews in the early searching and screening phases
- Workload reduction has three benefits:
  1. **Reduction in time and cost** of systematic reviews
  2. More timely publishing of systematic reviews leading to **more confident and timely clinical decisions**, and **better policy making**
  3. **Updating a review** becomes more convenient