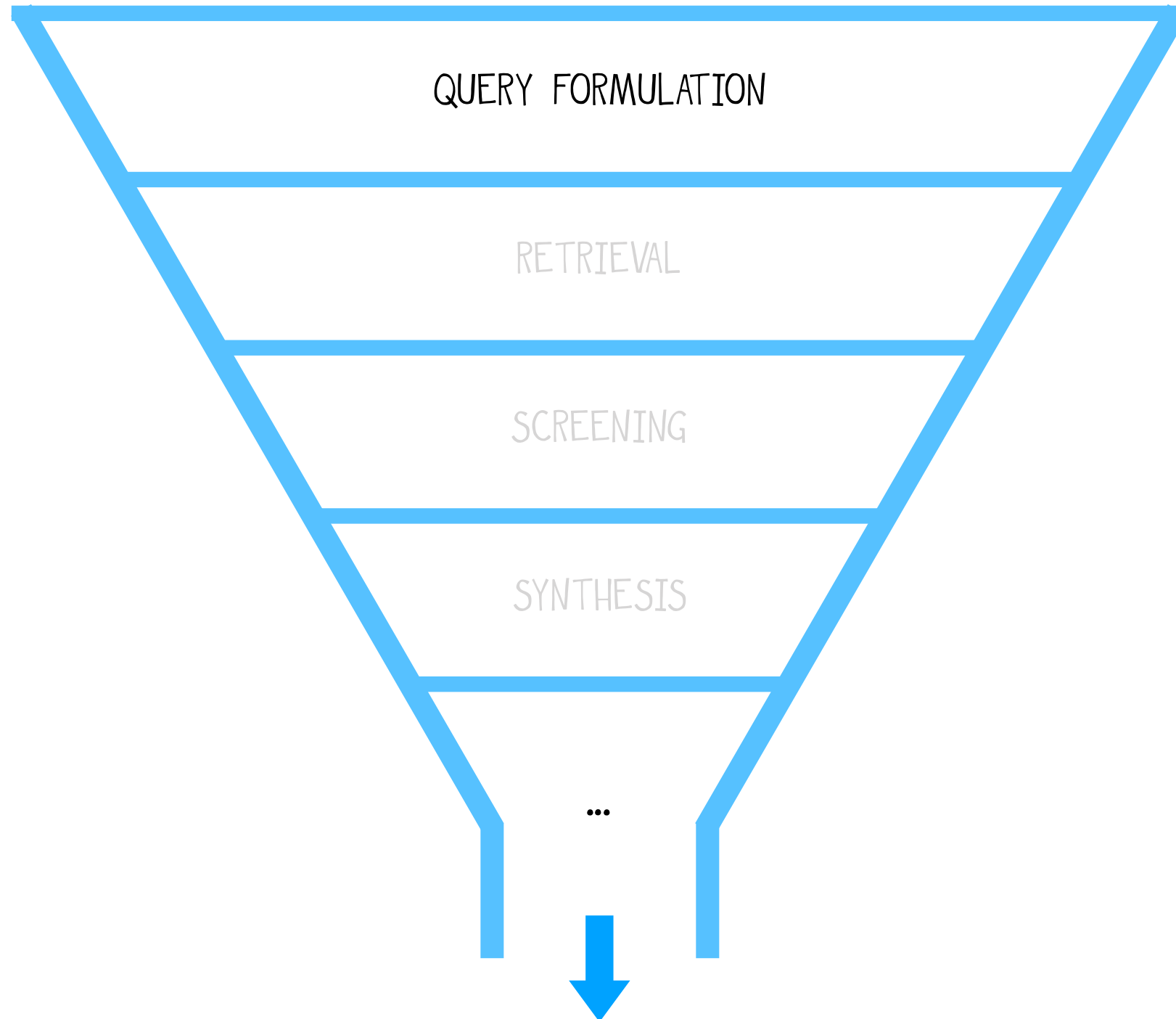


RESEARCH QUESTION: ARE CARDIO SELECTIVE BETA-BLOCKERS...



QUERY FORMULATION

RETRIEVAL

SCREENING

SYNTHESIS

...

RECOMMENDATION: BETA-BLOCKER TREATMENT  
REDUCES MORTALITY...

T1: Construction of Test  
Collection

RQ1

**T2: Query Formulation**

RQ2

T3: Retrieval for Screening

RQ3

T4: Screening Prioritisation

# Generating Better Boolean Queries

- Aim:
  - More effective queries means **less time spent screening** studies
  - Boolean queries have lots of different possible, complex **variations**
  - **Little is known** about the performance of a query until after the screening process is over
  - Transform Boolean queries into **more effective** Boolean queries