

# Case Study: UpToDate Integration



## UpToDate RAG Integration

World's Leading Clinical Decision Support

**6,000+**

Clinical Topics

**12,000+**

Expert Authors

**130+**

Countries

**40+**

Updates/day

### Search Layer

Hybrid search with medical synonym expansion

### Ranking

Evidence-based + Usage frequency + Recency

### Generation

Graded recommendations with source citations

### Clinical Impact

6% reduction in mortality (NEJM 2012)

19% reduction in length of stay

92% of users change clinical decision