

Medical Knowledge Integration

Knowledge Sources

- **Clinical Guidelines:** Evidence-based protocols (AHA, WHO, CDC)
- **Medical Literature:** PubMed, clinical trials, meta-analyses
- **Drug Databases:** Interactions, dosing, contraindications
- **Disease Knowledge:** Pathophysiology, diagnostic criteria

Integration Example

Patient Case: Hypertensive emergency

Guideline Reference: JNC-8 recommendations

Evidence Integration: BP targets, medication choice

Output: Treatment plan aligned with current guidelines

Critical: Always reference authoritative medical sources