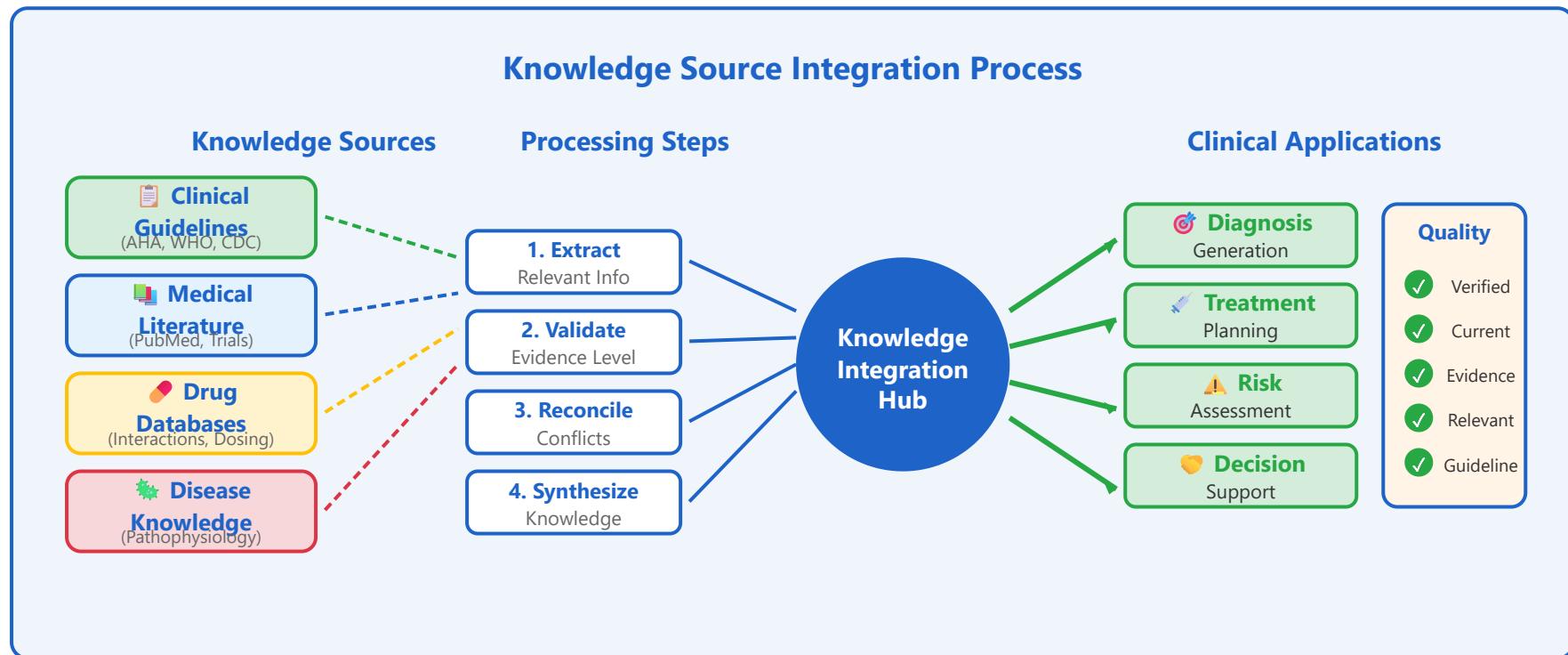


Medical Knowledge Integration



Integration Example: Hypertensive Emergency

Patient Case: BP 220/120, chest pain, confusion

Guideline Integration: JNC-8 → Target BP reduction 25% in first hour

Evidence Integration: Recent meta-analysis → IV labetalol preferred

Drug Database: Check contraindications, adjust for CrCl

Output: Evidence-based treatment protocol with monitoring plan

Critical: Always reference authoritative medical sources