Multi-hop Reasoning

🔍 **Multi-hop Query Example**

Q: "Treatment for pneumonia in diabetic patients?"

1 **Hop 1**
Search: "pneumonia treatment"
→ **Antibiotics: Amoxicillin, Azithromycin**

2 **Hop 2**
Search: "diabetes drug interactions"
→ **Fluoroquinolones affect glucose**

3 **Hop 3**
Search: "safe antibiotics diabet"

Synthesis →

📋 **Evidence-Based Answer**

Amoxicillin is recommended for diabetic patients with pneumonia. **Avoid fluoroquinolones** due to glucose control interference. Monitor blood sugar during treatment.