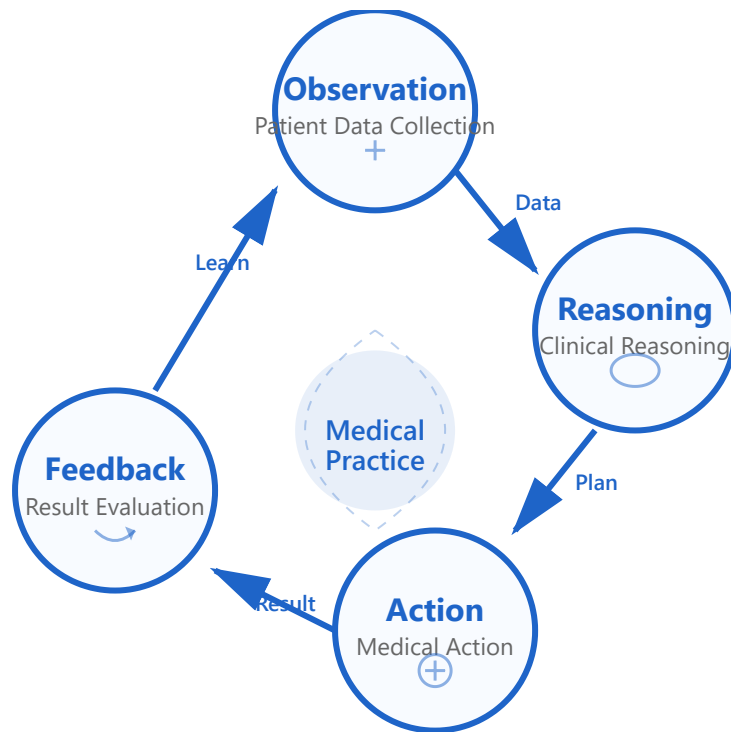


Perception-Action Loops



Observation

Patient Data Collection

- Real-time Monitoring
- Symptom Observation
- Test Result Verification

Reasoning

Clinical Reasoning

- Symptom Analysis
- Diagnostic Hypothesis
- Treatment Plan

Action

Medical Action

- Prescription Writing
- Test Ordering
- Treatment Intervention

Feedback

Result Evaluation

- Effect Verification
- Side Effect Monitoring
- Plan Adjustment

Continuous Learning Loop in Medical Practice