

## Reasoning Verification & Quality Control

### Verification Steps

**Logical Consistency:** Check for contradictions in reasoning chain

**Evidence Support:** Verify each claim has supporting data

**Completeness:** Ensure all relevant factors considered

**Guideline Adherence:** Confirm alignment with clinical standards

### Verification Checklist

- ✓ Are all steps logically connected?
- ✓ Is each conclusion supported by evidence?
- ✓ Were alternative diagnoses considered?
- ✓ Are contradictory findings explained?
- ✓ Does final answer match clinical guidelines?
- ✓ Are safety concerns addressed?

**Quality Assurance:** Systematic verification reduces errors by 30-40%