

## Few-Shot Chain-of-Thought Examples

### Few-Shot CoT Structure

**2-5 Examples:** Provide diverse medical cases

**Show Reasoning:** Include step-by-step clinical thinking

**Format Consistency:** Use same structure across examples

### Example Template

**Case:** [Patient presentation]

**Step 1:** Identify key symptoms and risk factors

**Step 2:** Generate differential diagnosis list

**Step 3:** Determine discriminating tests

**Step 4:** Integrate results and reach conclusion

**Diagnosis:** [Final diagnosis]

**Key:** Examples teach the LLM both the format and the medical reasoning process