

Memory Mechanisms & Persistent State

External Memory

- Key-value memory banks
- Differentiable neural memory
- Persistent across conversations

Episodic Memory

- Store important events
- Context-aware retrieval
- Mimic human recall

Memory Update

- Incremental learning
- Selective forgetting
- Priority-based retention

Clinical Applications

- Patient-specific memory
- Longitudinal care coordination
- Continuous learning from outcomes



Persistent Intelligence

Memory-augmented models maintain patient-specific context across visits and years, enabling truly personalized and continuous care management.