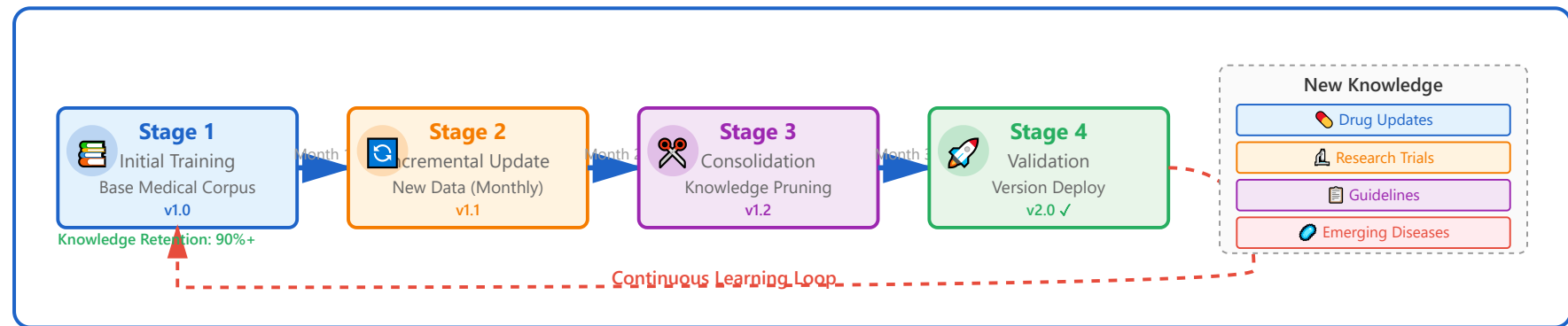


## Continual Learning Frameworks

### Continuous Integration of New Medical Knowledge Lifelong learning without retraining from scratch



#### Version Management

- Model versioning: v1.0, v1.1, v2.0 (semantic)
- Track knowledge cutoff dates
- Maintain backward compatibility
- A/B testing for new versions

#### New Knowledge Integration

- **Drug updates:** New medications and guidelines
- **Research:** Latest clinical trial results
- **Guidelines:** Updated treatment protocols

- **Epidemiology:** Emerging diseases and trends