**Model Input:**
- Clinic variables
- Patient demographic information
- Patient enrollment plan

**The Clinic Model:**

1. **Patient Generating**
2. **Clinic Services Module**
   - Lab Visit Module
   - Drug Consumption Module
3. **Patient Follow-up Module**
4. **Natural History of Disease Module**

**Model Output:**
- Resource utilization
- Drug consumption
- Clinic capacity
- Evaluation of policy changes
- Staffing plan

Relational Database

Simulation Engine