Emergency department → Pre-operative care → Operating unit → Post-operative care

**Productivity**
- Patient volumes per personnel
- Surgeries and surgery time per personnel
- Use of ICU beds per 1,000 trauma patients

**Throughput**
- ED throughput time
- Pre-operative LOS
- Post-operative LOS

**Outcome (control measures)**
- ED mortality rate
- ED discharge to home rate
- Trauma patient discharge to home rate