

Uncertainty Propagation in Clinical Reasoning

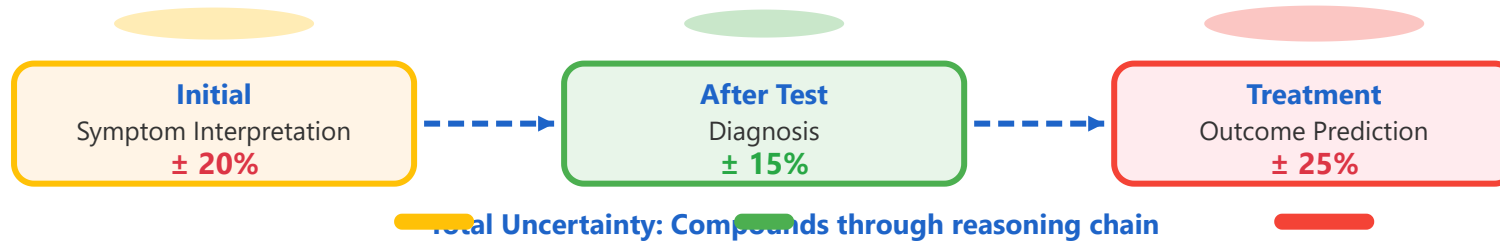
Sources of Uncertainty

- Incomplete patient history
- Test measurement error
- Diagnostic ambiguity
- Treatment response variability

Managing Uncertainty

- Confidence intervals
- Probability distributions
- Decision thresholds
- Risk-benefit analysis

Propagation Example



Action: Make decisions robust to uncertainty levels