

# Constraint Specification

**Constraints** are critical elements that ensure the safety, quality, and format of AI outputs.



## Safety Constraints

Prevent dangerous recommendations



## Length Constraints

Limit output length



## Format Constraints

Adhere to specific structure



## Scope Constraints

Answer within specific topics



## Accuracy Constraints

Evidence-based responses



## Ethical Constraints

Comply with medical ethics



## Safety Rules Examples

- ▶ Specify that diagnosis requires physician confirmation
- ▶ Recommend immediate hospital visit in emergencies
- ▶ Prohibit self-treatment recommendations
- ▶ Restrict provision of prescription information



## Output Format Examples

- ▶ Use JSON or XML structure
- ▶ Include confidence scores
- ▶ Cite supporting literature
- ▶ Present key information first