

Value Alignment in Medical AI

Value Alignment: The process of ensuring that an AI system's behavior aligns with human values, ethical principles, and cultural norms



Cultural Sensitivity

- Respect for religious beliefs
- Cultural treatment preferences
- Language and communication styles
- Degree of family involvement



Priority Setting

- Life vs quality of life
- Cost vs effectiveness
- Individual vs community
- Short-term vs long-term benefits

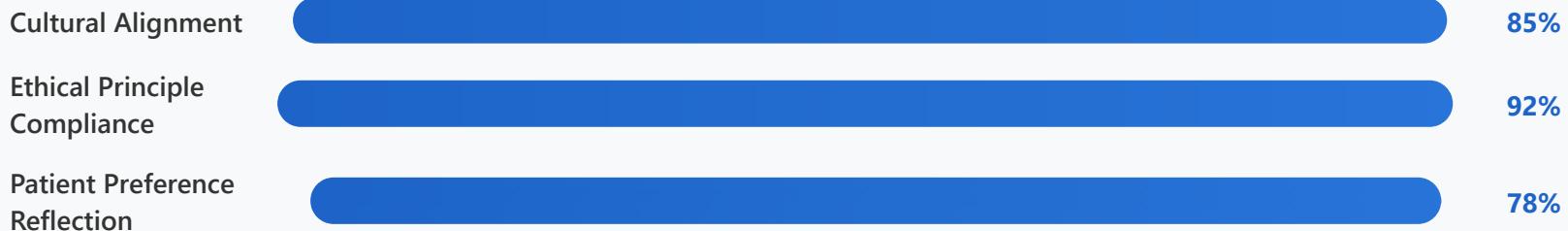


Ethical Dilemmas

- Resource allocation criteria
- Emergency prioritization
- End-of-life care treatment
- Experimental treatment applications



Value Mapping Metrics



Social Norm
Alignment

88%