

# Beneficence & Non-maleficence: Balancing Benefits and Harms



## Maximizing Benefits

- **Improved Diagnostic Accuracy**  
Early detection and precise diagnosis with AI
- **Enhanced Treatment Outcomes**  
Personalized treatment planning
- **Expanded Healthcare Access**  
Telemedicine and automated support
- **Reduced Clinician Burden**  
Automation of repetitive tasks



## Minimizing Harms

- **Prevention of Misdiagnosis**  
Minimizing False Positives/Negatives
- **Adverse Effect Prevention**  
Drug interaction checking
- **Prevention of Overtreatment**  
Reducing unnecessary tests/procedures
- **Privacy Protection**  
Enhanced data security

## Risk-Benefit Matrix

