

Key Medical AI Challenges



Data Privacy

HIPAA compliance, patient data protection, secure data handling and storage

Critical Risk



Medical Errors

Hallucinations, incorrect diagnoses, liability concerns, patient safety

High Risk



Regulatory Approval

FDA clearance process, clinical validation, compliance documentation

High Complexity



Explainability

Model interpretability, decision transparency, clinical reasoning clarity

Medium Risk



Bias & Fairness

Demographic bias, training data representation, equitable healthcare access

High Risk



Implementation Cost

Infrastructure investment, training costs, maintenance and updates

Medium Complexity