

# Case Studies



## Diabetic Retinopathy AI

Google Health / Screening Tool

SUCCESS

90%

Sensitivity

98%

Specificity

50K+

Patients

- Strong clinical validation across populations
- Clear regulatory pathway (FDA approved)
- Effective provider training program



## Watson for Oncology

IBM / Treatment Recommendations

LESSONS

Limited

Adoption

High

Cost

Variable

Results

- Insufficient local data adaptation
- Over-promised capabilities
- Poor integration with workflows



## Sepsis Prediction Model

Epic Systems / Risk Alert

EVOLVING

63%

PPV

Wide

Deploy

Mixed

Reviews

- Alert fatigue concerns addressed
- Continuous model improvement
- Need for local calibration



## IDx-DR

First Autonomous AI / FDA De Novo

LANDMARK

1st

FDA AI

87%

Accuracy

2018

Approved

- Clear intended use definition
- Robust clinical trial design
- Set regulatory precedent