

SSM Health Connected Primary Care and Ophthalmology Using LumineticsCore Autonomous AI



About SSM Health

- » 36 hospitals
- » 650 physician offices
- » 4-state footprint
- » 6.4 million appointments completed annually

The Challenge

SSM Health identified a significant care gap in diabetic retinopathy exam completion rates and sought an innovative solution that would:

- » Improve eye exam for diabetes exam rates
- » Bring exams to the point-of-care
- » Fit seamlessly into existing workflows
- » Deliver real-time diagnostic results

Partnership with Digital Diagnostics

Beginning mid-2023, SSM Health partnered with Digital Diagnostics to implement LumineticsCore, the first FDA Ne Novo cleared autonomous AI system for diabetic retinopathy detection. This innovative solution delivers real-time diagnostic results in primary care, with no need for specialist interpretation or manual review.

- » Diagnostic, point-of-care eye exam for diabetes in minutes
- » Seamless integration into Epic EHR
- » Real-time diagnostic results
- » Built-in referral pathways for positive cases

Results

70X increase

in the number of diabetic retinopathy exams performed in the first year

> 11,000 exams

completed since implementation of LumineticsCore



About LumineticsCore

LumineticsCore is the first FDA-cleared autonomous AI diagnostic system designed to detect diabetic retinopathy at the point-of-care. With high sensitivity, specificity, and diagnostic accuracy, it helps empower clinicians to close care gaps, improve outcomes, and reduce blindness in people with diabetes—all without overburdening care teams.