

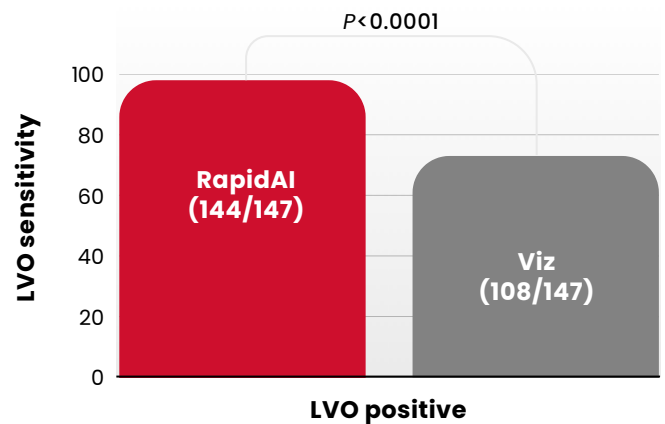
Rapid LVO vs Viz LVO in the largest head-to-head consecutive code stroke comparison

Rapid LVO accurately detected **33% more** LVO-positive cases than Viz LVO

1/4

of LVOs were missed by Viz

	RapidAI	Viz
LVO positive (Sensitivity)	98%	73.5%
LVO negative (Specificity)	94%	91%



Study design

Rapid LVO vs. Viz LVO

- 1,589 consecutive case retrospective study
- Expert adjudicated CTA and CTP
- Evaluating LVO (ICA,MI) and high-grade stenosis
- Excluded poor bolus, metal artifact, hemorrhage

Hospital overview

HCA Good Samaritan Hospital

- Comprehensive stroke center
- 800 code strokes/yr
- 92% DTT <45 min

THE TAKEAWAY



RapidAI outperformed Viz in LVO-positive and LVO-negative case detection. The substantial number of LVOs missed by the Viz software could lead to delays in LVO diagnosis and treatment times.

Comprehensive summary



Clinical

Accurate detection of LVOs supports improvement in diagnosis and treatment decisions



Operational

AI-driven support can expedite, or limit the speed of code stroke workflows



Financial

36 more LVOs detected
= \$385K in projected procedure revenue