# Stroke Detection

## Automated CT Scan Analysis

### Imaging Analysis Features

Hemorrhagic stroke detection

Ischemic stroke identification

Aneurysm detection

Lesion size measurement

ASPECTS score auto-calculation

Vessel occlusion location identification

### AI Model Performance

Accuracy: 94%

Sensitivity: 96%

Specificity: 93%

Processing Time: <5 min

False Positive Rate: 3%

Comparable to neurologist

🕐 **Time to Treatment Reduction**

| Diagnosis Time | Thrombectomy Prep | Total Treatment Start |
|:---:|:---:|:---:|
| **15**min | **30**min | **45**min |

**"Time is Brain"** - 1.9 million neurons lost per minute of delay