

# Stroke Outcomes Data

Northwest Community Hospital

## Nationally Recognized Stroke Care

In 2016 Northwest Community Healthcare became certified as a Comprehensive Stroke Center.

In 2017-2019 we achieved high recognitions for quality and speed: The American Heart/American Stroke Association's Get With The Guidelines® -- Stroke Gold Plus Achievement Award with Target: Stroke Honor Roll Elite Plus/Target Stroke Honor Roll Elite. In 2020-2022 we achieved Stroke Gold Plus Achievement Award with Target: Stroke Honor Roll Elite and Target: Type II Diabetes Honor Roll. The awards recognize 85 percent or higher adherence to quality indicators for two or more years, and measure to increase the speed of administering clot-busting tPA. The Type II Diabetes Award also recognizes 90% or higher composite adherence to all diabetes indicators within the stroke population.

## Comprehensive Stroke and Cerebrovascular Quality Metrics

Our stroke volume and outcomes data is publicly reported according to Comprehensive Stroke Center requirements.

### Stroke Treatment Rates at NCH

STROKE TREATMENT	NCH 2020	ALL CSC HOSP. 2020	ILL. EMS Region 9 2020	NCH 2021	ALL CSC HOSP. 2021	ILL. EMS Region 9 2021	NCH 2022 Q1	ALL CSC HOSP. 2022 Q1	ILL. EMS Region 9 2022 Q1
IV-tPA – Treatment Rates For Eligible Pts in the ED	9.7%	11.8%	11.6%	9.3%	11.5%	11.8%	12.2%	11.2%	9.7%
Endovascular Treatment IA-tPA and MER	10.0%	10.2%	9.0%	8.0%	11.2%	11.2%	13.3%	11.5%	11.0%
Hemorrhagic Conversion Pts Treated w/IV-tPA	0.0%	2.8%	2.1%	0.0%	2.7%	0.0%	0.0%	2.4%	0.0%
Hemorrhagic Conversion Pts Treated w/IA-tPA/MER	3.1%	7.1%	6.1%	0.0%	7.1%	26.7%	0.0%	7.0%	25.8%

### Neurointerventional Procedures Complication Rates at NCH

Diagnostic Catheter Angiograms/Aneurysm Coilings/Cardiac Stenting and CEA:

**2019 = .01% 2020 = 0% 2021 = 0 % 2022Q1 = 0 %**

**(TJC Performance Goal Rate: < 6%)**

### Clinical Outcomes at NCH

STROKE OUTCOME	2019	2020	2021	2022 Q1
Median Door-to-Needle Time For Eligible Pts in the ED	47 minutes	45 minutes	41 minutes	38 minutes
In-Hospital Mortality	2.5%	1.9%	3.7%	6.2%
Discharged to Home	39%	44%	44%	41%
Ambulatory Status Independent at Discharge	45%	47%	47%	46%

Updated July 25, 2022