

# Stroke Patient Outcomes and Quality Data

## MercyOne Des Moines Medical Center

One of the ways stroke can occur is if a blood clot, known as a thrombus, blocking blood flow to the brain. A highly sophisticated procedure known as endovascular thrombectomy (EVT) can remove the thrombus and restore blood flow to the brain. MercyOne is certified by The Joint Commission as a Thrombectomy-Capable Stroke Center, demonstrating our commitment to providing the highest quality state-of-the-art care for our patients. The table to the right shows the number of EVT procedures MercyOne has performed over the past four years.

Year	Number of Thrombectomies
2024	128
2023	146
2022	138
2021	163

### Arrival to Puncture Times

Year	Median Time	Median National Time
2024	63 min	72 min
2023	64 min	74 min
2022	54 min	76 min
2021	53 min	77 min

Time is brain! Millions of brain cells die each minute due to stroke. MercyOne has a comprehensive team starting with emergency medical services and continuing with emergency room, neurology, neurointerventional, and critical care providers that work seamlessly to provide treatment as soon as possible. The table to the left shows how MercyOne’s coordination of care allows our patients to be treated faster than the national median.

### Recanalization Rate

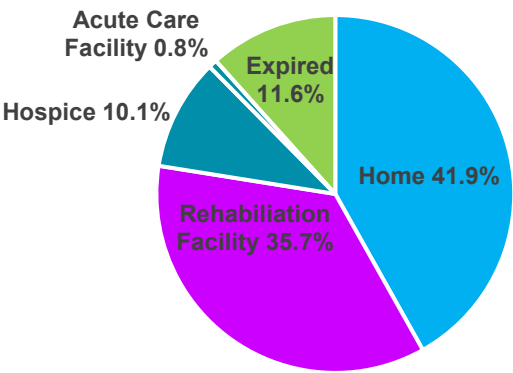
The thrombolysis in cerebral infarction (TICI) scale measures how much blood flow there is in the brain once the occlusion is removed. The scale ranges from 0-3, with a score of 0 meaning no flow and a very weak outcome, and scores of 2b and higher indicate full or close to full return of blood flow and a stronger possibility for a positive recovery.

Year	TICI 2b or higher
2024	90.6%
2023	90.2%
2022	88.5%
2021	82.5%

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### Discharge Disposition

78% of patients treated at MercyOne Des Moines in 2024 were able to return home or go to rehabilitation after their hospital stay, compared to 76% nationally.



MercyOne Des Moines Medical Center is included in The Get With the Guidelines (GWTG) quality improvement program, collecting data on patients with more than 2,400 nationwide participating hospitals.