## High-Quality Stroke Care at Atrium Health's Carolinas Medical Center

Carolinas Medical Center (CMC) is recognized by The Joint Commission as a Comprehensive Stroke Center (CSC), the highest certification for care. CMC has also earned the American Heart Association and American Stroke Association's Get With The Guidelines® - Stroke Gold Plus with Honor Roll Elite Plus, Advanced Therapy and Target: Type 2 Diabetes Honor Roll, which recognize the consistent quality of our patient care.

To earn these designations, hospitals must meet national stroke-care standards. CMC consistently outperforms these standards, demonstrating faster care and better outcomes than other CSCs overall.

## 76% Hospital arrival to tPA < 30 min. 44% 78% Hospital arrival to puncture < 60 min. 44% 53% Functional independence rate for mechanical thrombectomy patients 35% 0% 10% 20% 30% 40% 50% 60% 70% **80%** 90% Stroke Patients (%)

## 2020 Performance & Outcomes: CMC vs. CSC Aggregate

Source: Get With The Guidelines - Stroke, American Heart Association

The nation's top hospitals administer tPA (a clot-busting drug) within 45 minutes of a patient's arrival. In 2020, most CMC patients (76%) received tPA in 30 minutes or less, compared to 44% of patients at CSC overall.

■CMC ■CSC Aggregate

According to national guidelines, stroke patients who need surgical clot removal should begin the procedure (puncture) within 90 minutes of arriving at the hospital. In 2020, the door-to-puncture time for most patients (78%) at CMC was within 60 minutes, compared to 44% of patients at CSC overall.

CMC also reports better long-term outcomes for mechanical thrombectomy (surgical clot removal) patients. In 2020, the rate of functional independence – a measurement of how well a person can carry out basic daily activities without help from others – was 35% at CSC overall. The rate was higher among CMC patients (53%), indicating better recovery.

To learn more about our stroke care, visit AtriumHealth.org/Stroke.

