Direct to CT for EMS Code Stroke Patients: Swim Lane Process Diagram, 1/2025

Time (minutes)

	EMS	Patient Access Representative	ED Charge Nurse	ED Nurse	CT Tech	ED Provider	Stroke Team
Pre -Arrival	Pre- Notification to NWH	Pre-Register pt if possible	Activate Stroke Team (via Tiger Text) Assign MD/Team Assign RN Alert CT	Prepare for patient (Weight stretcher, IV/labs materials)	Alert Radiologist	Get notified of incoming Stroke Code	Get notified of incoming Stroke Code
Arrival – 15	Drive by Charge Desk Bring pt to CT	Register pt	Call Code Stroke Overhead	Review EMS Report Obtain new VS, BG Height, weight, allergies	Clear Scanner Obtain Head CT	Stroke Protocol Order Set NIHSS Consult Neuro/TeleStroke	Meet pt at entrance EMS entrance to ED NIHSS
15-30				Place 18g IV Draw labs EKG Monitor Patient	CTA + CTP	Speak to Radiology Determine TNK or Transfer Admin TNK if warranted	Speak to Radiology Determine TNK or Transfer Admin TNK if warranted
30-45				NIHSS Neuro assessments/VS as ordered Dysphagia screen		Determine disposition (if transfer, call CTC)	
45-60	If Transfer, complete Rescue Transfer	If Transfer, prepare records		On going monitoring Package pt for Admission or Transfer (if Transfer, give report)		Update pt and family	

Stroke Measure	Time Goal
Door to MD	≤10 min
Door to CT	≤15 min
Door to CT Read	≤25 min
Door to Needle (for TNK)	≤30 min
Door to Transfer (Door in Door Out, DIDO)	≤60 min