Case Study UPMC Hamot



Successful LVO Procedure



11:03 AM

Door-In at UPMC Hamot 11:12 AM

Non-Contrast CT Acquisition

11:14 AM

CT Perfusion Acquisition

11:17 AM

CT Angiogram Acquisition

11:24 AM

Viz LVO Alert

Viz sends a positive alert after using artificial intelligence to automatically analyze CT angiogram for a suspected LVO stroke



55yr Male LKN 10am on 07/25/2022

Overview

NIHSS 23

History: Patient was found at home after family heard a "thud." patient paralyzed on the right side, unable to speak. Ambulance crew arrived and the patient was immediately taken to UPMC Hamot Comprehensive Stroke Center.

Exam Findings: Right side paralysis, aphasia, unable to respond, dysphagia, gaze deviation, partial visual field hemianopsia

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11:24 AM

Viewed CT Angiogram on Mobile Viewer 11:26 AM

TNK Administration 11:41 AM

Angio suite Arrival

Door to Reperfusion mins

Groin to Reperfusion

Viz Alert to Reperfusion

Door to 25
Thrombolytic mins

12:02 PM Reperfusion

TICI 2B

11:49 AM

Groin Puncture



PHYSICIAN TEAM:

Dr. Jeremy Stone (Neurointervention)

Dr. Daniel Kinem (Neurohospitalist)

Dr. Nicholas Todhunter and

Dr. Gustavo Carvajal (Neurology Resident Team)

Dr. Logan Pyle (Neurointensivist)

EMS TEAM: P. Broadwater,

A. Crane, J. Cree, S. Hosack

ED TEAM: S. Riley, A. Korlinchak, A. Griffith

NIR TEAM: G. Pineo, J.

Neiswonger, S.Kuzma