

Why We Should Be Uniting All Time Sensitive Emergency Workflows

By connecting care teams on a unified communications platform, Virginia Mason decreased treatment times and improved patient outcomes.

↓ DECREASE TREATMENT TIME **↑ IMPROVE PATIENT OUTCOMES**

CASE #1: OCT 2019

- 08 MIN Door to CT
- 26 MIN Door to tPA
- 47 MIN Door to Puncture

72 MIN DOOR TO REVASCULARIZATION

Patient is a nurse who, while working, had a sudden onset of left-sided paralysis and right gaze preference. Medic One classed her as a LAMS (Los Angeles Motor Score) of 5, indicating high severity stroke symptoms. Because of their triage report, ED Charge Nurse initiated the entire stroke team including the IR team prior to patients arrival. Immediately following, the patient had complete use of her left side.

CASE #2: NOV 2019

- 06 MIN Door to CT
- 55 MIN Door to Puncture
- 75 MIN Door to First Pass

43 MIN REPERFUSION

Medic One provided a pre-notification of LAMS 5, in which the entire stroke team including IR was activated prior to arrival. CTA showed a LVO. RAPID imaging technology was utilized to determine that this patient would benefit from endovascular rescue and was taken to the IR suite. This takes an abundant amount of resources in a very short period of time.

CASE #3: NOV 2019

- 04 MIN Door to CT
- 23 MIN Door to tPA
- 29 MIN Door to Angio Suite

47 MIN DOOR TO GROIN PUNCTURE

Early alert by paramedics with a LAMS 5 score triggered an activation of our entire stroke team including IR team prior to arrival for possible thrombectomy. Upon arrival, patient was taken directly to CT where it was noted that she was suffering an acute stroke with a possible M2 occlusion. tPA was given in 23 minutes—a record for Virginia Mason.



IN RECORD TIME: See how we are making it happen.

Real-Time Team Communication Across Organizations

PULSARA now

D.M. 65M Stroke - Case Completed.
Tap to view Summary.

Summary

Arrival	Inbound EMS
Status	Stopped
Lytics	May 22, 2019 20:41
Suspected LVO	Yes
Puncture	May 22, 2019 21:05
Reperfusion	TICI 2B May 22, 2019 21:30

Patient Edit

Patient ID	123456789
Date of Service	May 22, 2019
Name	David Miller
Date of Birth	April 17, 1954
ETA	20:20
Room	B4
Age	65
Gender	Male
Height	6ft. 0in.
Weight	80kgs
Activation Time	20:08

IT'S ABOUT TIME

- Rapid activation with transparency and real-time status of the care team.
- Actionable clinical data shared on a HIPAA-compliant, secure platform.
- Elimination of clinical "dead space" waiting for calls to be returned.



Rea Berg
RN, BSN, MHA
Director of ED/Obs Unit



Greg Brown
RN, BSN
Clinical Workflow Expert

