

Patient Arrival at non-PSCs: Importance of Fast Door-In-Door-Out times

Alberta Acute Stroke Day May 29, 2017 Edmonton, AB









Disclosures

None



Patient Arrival at Non-PSCs

- Patients that call 911 will usually be directed to a PSC
- Sometime patients/bystanders deem it faster to transport themselves to the closest hospital rather than call 911
 - The closest hospital is often not a PSC
- A patient's symptoms worsen enroute and red finding were not initially found thus bypass to PSC was not triggered
- Acute stroke symptoms were not a red finding (e.g. visual fields)

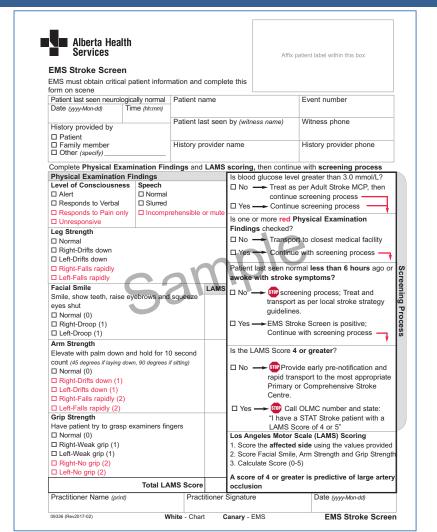




The Alberta EMS Stroke Screen

RED FINDINGS (Bypass to PSC)

- LOC
 - Responds to pain only
 - Unresponsive
- Speech
 - Incomprehensible or mute
- Leg Strength
 - Falls rapidly
- Arm Strength
 - Drifts down
 - Falls rapidly
- Grip Strength
 - No grip



Acute Stroke = FAST DIDO



- The brain is dying every minute
- We must act fast to ensure that patient has access to treatment (alteplase and/or EVT)
- Target Door-In-Door-Out (DIDO) is a median of 20 minutes



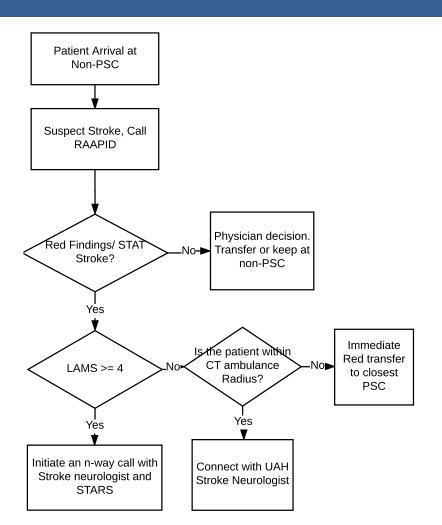
Stroke is an Urgent Condition

- Stroke is just a urgent as
 - MI
 - Trauma
- We need to activate and drive the process to enable treatment





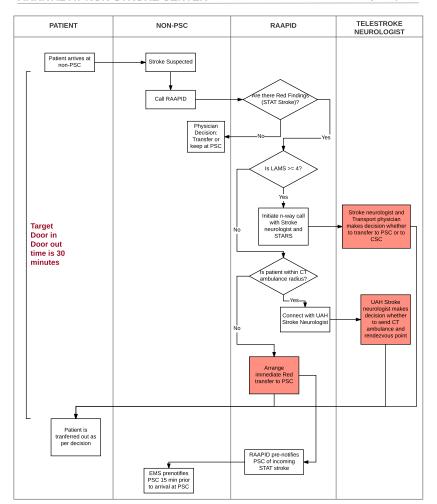
Arrival at non-PSC: Overview





ARRIVAL AT NON-STROKE CENTER

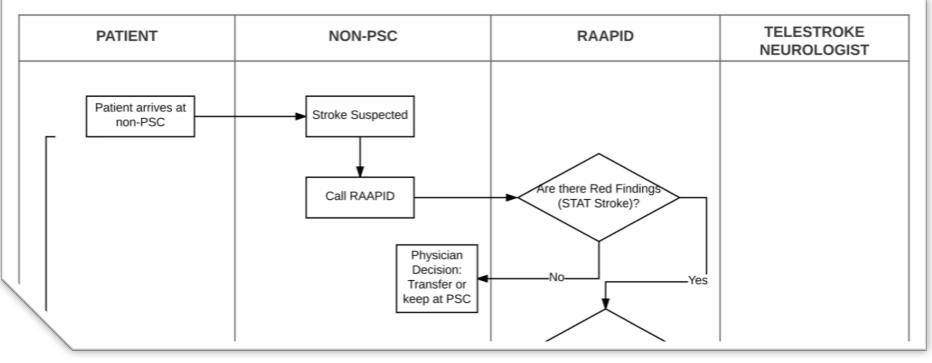
QuICR Apr 2017



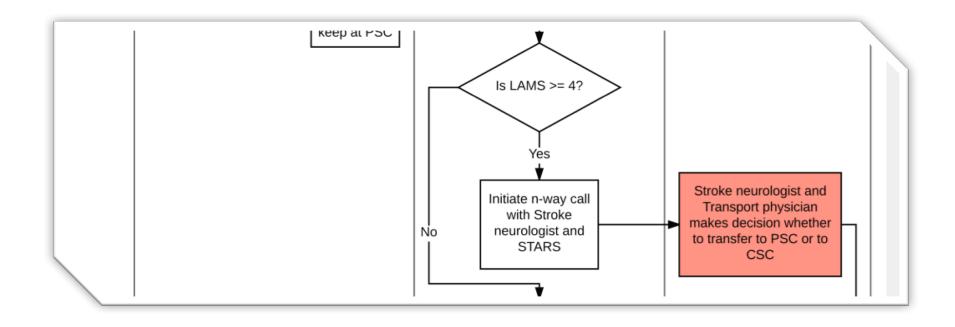


ARRIVAL AT NON-STROKE CENTER

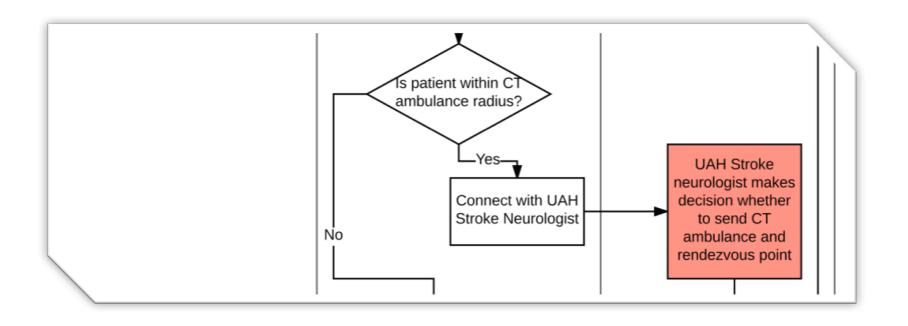
QuICR Apr 201



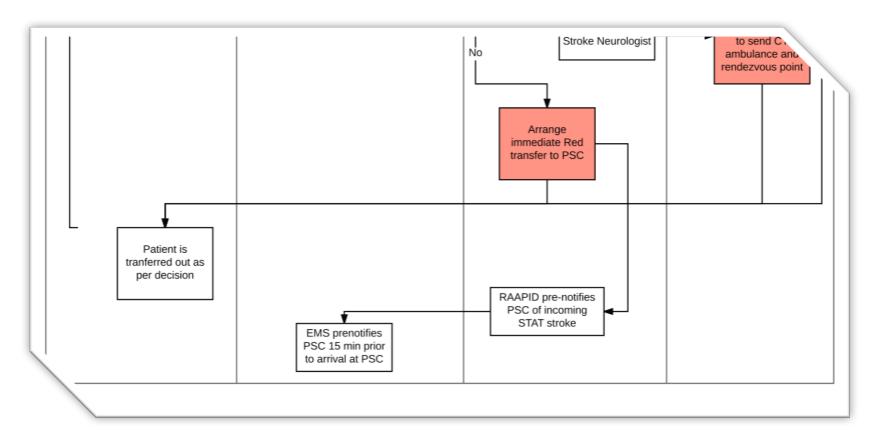














Role of the non-PSC

- Need to be able to rapidly recognize an acute stroke patient
- F(ace) A(rm) S(peech) T(ime)
 - Or learn the stroke screen
- Drive the process to ensure that the patient is transferred rapidly





Group Discussion

- What are your concerns?
- Does this process need to be updated?
- Can you make this happen at your site?



