Pediatric Patient with Suspected Stroke external to Children’s Mercy (CM) Adele Hall (AH) campus:
- Non-CMH institutions: Call 1-800-GOMERCY
- CM Offsite locations:
  - Call Transfer Center: 1-800-GOMERCY or x51529
  - Identify you are caring for a "suspected stroke" patient
  - Transfer to CM AH campus

**Stroke Screening Evaluation**
1. Is there a focal neurological deficit?
   a. Unilateral weakness or sensory change
   b. Vision loss or double vision
   c. Speech difficulty
   d. Dizziness or trouble walking
2. Did the problem begin or get worse suddenly?
3. Has the problem been present for less than 5 hours? (When was the child last seen well?)

If Yes to ALL three of the questions above, patient symptoms are concerning for stroke.

**Algorithm reviewed/revised:**
02.20.20

**Process coding:**
- Yellow: Stroke suspected by ER
- Grey: Stroke Alert Activated
- Blue: Neuroimaging Protocol enacted by Neurology

- Make patient NPO
- Place two large bore IVs, refer to Radiology Department CT Angiography Guidelines found in the powerplan
- Obtain: CBCD, BMP, PT, APTT, Fibrinogen, D-Dimer, ESR or CRP, Type & Screen, Urine hCG (female > 10 years) or serum beta hCG

Do not delay imaging to obtain labs or IV access

**For patients with a Suspected Stroke on a Med-Surg unit at CM AH campus:**
- Call Transfer Center: 1-800-GOMERCY or x51529
- Identify you are caring for a "suspected stroke" patient

- Obtain non-contrast Head CT STAT

Is MRI scan safely possible within 60 minutes?

- Yes
- Obtain MRI / MRA using EDP Stroke Alert Protocol

- No

Page Neurosurgery

Hemorrhage visualized?

- Yes

Obtain CTA head and neck

- No

Obtain MRI / MRA using EDP Stroke Alert Protocol

- Clot visualized?
  - Yes
  - Consider:
    - Alteplase IV per discussion with Neurology and transfer to KU* for consideration of clot extraction
    - OR Alteplase intra-arterial by Interventional Neuroradiologist

- No

Disposition per Neurology

- No

Clot visualized?

- Yes

Patient last seen normal > 4.5 hours but less than 24 hours?

- Yes

Patient last seen normal < 4.5 hours?

- No

- Yes

Disposition per Neurology

- No

Clot visualized?

- Yes

No