







### ED EVALUATION

Emergent Imaging

 ACEP Level C recommendation to obtain non-contrast HCT if MRI not readily available

**DISPOSITION - EDOU** 

TRANSFER CRITERIA • Transient schemic attack – resolved acute deficit, not creacendo TIAs, • Sub-acute straids (onset >72/rr, NHSS-52; seen by neurology in the ED) • Negative HCT (unless prompt IME) planned, with a normal exam and not high risk for bleed) • Workup can be completed within – Hins;

Working can be completed within -18/ms
 EXCLUSION CRITERIEN
 Head CT majoring positive for bleed, mass, or acute infraction.
 Known extra-acute alreadules, acuted and acuted acu

HCT will identify some TIA mimics (1.2%)

- · HCT can't be used to identify patients at high short-term risk for stroke
- Early Discharge?

### ED EVALUATION

 Emergent Imaging Early Discharge?

- Level B recommendation Don't use ABCD2 score to determine who can be discharged from the ED.
- Other isk scores (ABCD3,ABCD2-I) are not sufficiently sensitive to use as a risk stratification instrument

### EDOU WORK-UP CONSIDERATIONS

· Cervico-cerebral vascular imaging

· Level C recommendation - Carotid US is as accurate as CTA/MRA

• Echo

# PATIENT CARE - EDOU

- OBSERVATION UNIT INTERVENTIONS

   • Neuro checks Q-2itr. to detect stroke, crescendo TIA, etc.

   • Neurology consult to detect could stroke.

   • Carolal imaging with MRIMRA to detect surgical carolid stenosis (>50%) and microinfaect

   • Carolal imaging with MRIMRA and goog renal function, then <u>CIA</u> of head and neck vessels

   • If contraindications to MRIMRA and goog renal function, then <u>Goopter</u> of neck vessels

   • O Encloardingraphy an indicated by neurology to detect a cardiotembolic source.

   • Cardiae monitoring For al least 12 hours for paroxysmal ainal fibrilitation

   • Appropriate artiplatel therapy (Apprim = 10 nA54 hera Pavio CM Aggrecox)

   • Subacute strokes rehab avaluation and outpatient treatment planning

## EDOU WORK-UP CONSIDERATIONS

- Cervico-cerebral vascular imaging Echo
  - Early Echocardiography Has a Low Yield in Patients with Transient Ischemic Attack
  - Elie Harmouche, Mtt,<sup>a</sup>f Ghada A. Mahmoud, MBCo, Ms,<sup>1</sup> Michael Ross, Mt,<sup>b</sup> Jason Hockenberry, mt,<u>b</u> Robin Dhatia, Mt,<sup>1</sup> and Fadi Nahab, Mt<sup>0</sup>

#### · Outpatient TTE OK for patients with

- No previous cardiac disease or stroke
   Normal EKG and telemetry
   Normal cardiac exam

### DISPOSITION FROM EDOU

#### DISPOSITION

- ome No recurrent deficits, negative workup Clinically stable for discharge home (on Asa 81mg/day) ospital
- septiat Recurrent symptoms / defot Recurrent symptoms / defot existence of embolics source requiring insatment (is hepatin / coumadin) is mural thrombus, Parocysmal and infoliation Unable to complete workup or safely discharge patient within timeItame Physical Jurgiame.

#### TIA - CONCLUSIONS

- · ABCD2 score not sensitive enough to identify low risk patients HCT recommended if MRI not readily available
- Echo not necessary for patients with no cardiac history/normal exam/diagnostics









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### DISPOSITION

- DISPOSITION PARAMETERS Home Patient converts and remains in NSR for over one hour Negative diagnostic testing Stable condition Discuss home medication therapy with cardiologist Mospital Failure to maintain control of rate under 100 Positive diagnostic testing (as indicated for MI, PE, CHF, etc.) Unstable conditio

### AF CONCLUSIONS

- · Determine rate vs rhythm control strategy
- CCB or Beta blocker similar efficacy
- EDOU good location for continuing ED strategy
- Start anticoagulation in appropriate patients