

Abstracting tPA Elements in GWTG-Stroke on Patients Who Receive tPA via the UT Mobile Stroke Unit

- The Get With The Guidelines – Stroke dataform currently is structured to collect information on tPA administration within the hospital's own facility.
- If (tPA administration time) < (hospital arrival time), an error fires, which prevents the form from saving as complete.
- To avoid this error, the following work-around was proposed by the GWTG-Stroke national consultants. This work-around excludes the mobile CT patients from a hospital's tPA metrics (*Arrive by 2hr, Treat by 3hr, Arrive by 3.5 hr, Treat by 4.5 hr, and Time to Intravenous Thrombolytic Therapy*), but the patient still would be included in applicable non-tPA related metrics like mRS.
- The Mobile CT initiative is expected to enroll 100 patients over 3 years spread over 3 facilities. This is approximately 1 patient per month per facility.

How to abstract tPA elements for patients who received tPA via the Mobile CT Unit in GWTG-Stroke:

The screenshot shows the 'IV Thrombolytic Therapy' section of the GWTG-Stroke data form. It includes the following elements and annotations:

- IV t-PA initiated at this hospital?** with radio buttons for Yes and No. The 'No' button is selected and annotated with a box labeled 'Select "No"'. A yellow arrow points from this box to the 'No' button.
- Date/Time IV tPA initiated** with a date and time picker (MM/DD/YYYY HH:MI).
- Documented Contraindications or Warnings for not initiating IV thrombolytic in the 0-3hr treatment window?** with radio buttons for Yes and No. The 'No' button is selected and annotated with a box labeled 'Select "No"'. A yellow arrow points from this box to the 'No' button.
- Documented Contraindications or Warnings for not initiating IV thrombolytic in the 3-4.5hr treatment window?** with radio buttons for Yes and No.
- A **Show All** button is located at the bottom right, annotated with a box labeled 'Select "Show All"'. A yellow arrow points from this box to the 'Show All' button.
- A yellow arrow points from the bottom of the form to a box labeled 'Scroll down to "Hospital-Related or Other Factors"'. A second yellow arrow points from this box down towards the bottom of the page.

Hospital-Related or Other Factors (0-3hr treatment window). Select all that apply

- Delay in Patient Arrival
- In-hospital Time Delay
- Delay in Stroke diagnosis
- No IV access
- Other

Specify Other reason for no IV thrombolytic (0-3 hr treatment window)

Patient received tPA in field prior to admission to hospital

Select "Other"

Type this into text box

Scroll down to next section

Was other thrombolytic/reperfusion therapy administered?

IV tPA at an outside hospital? Yes No

IA catheter-based treatment at this hospital? Yes No Attempted but unable to access target occlusion

Date/Time of IA catheter-based treatment at this hospital: MM/DD/YYYY HH:MI

^If IA catheter-based treatment at this hospital, type of treatment:

- IA Thrombolytic
- Retrievable stent
- Other mechanical clot retriever device (not retrievable stent)
- Clot suction device
- Intracranial angioplasty, with or without permanent (non-retrieved stent)
- Cervical carotid angioplasty, with or without stent
- Other

IA catheter-based treatment at outside hospital? Yes No

Investigational or experimental protocol for thrombolysis? Yes No

If yes, specify: mobile CT initiative

Select "Yes"

Select "Yes" and type "mobile CT initiative" into text box