



SETRAC Stroke Committee

Wednesday, January 24, 2024
SETRAC Conference Center, 1111 N. Loop West, Suite 160, Houston, TX 77008
Virtual Meeting

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TOPIC	DISCUSSION/RECOMMENDATION	ACTION/FOLLOW-UP
Presenter: Dr. Chethan Rao/ Dr. Kharbanda Topic: Call to Order/Approval of Minutes	In person was cancelled due to inclement weather. Dr. Rao called the meeting to order. Minutes from September 27, 2023, were approved with no changes. Attendance will be tracked by going to www.setrac.org/stroke . This is where you will enter your code words at the beginning and end of the meeting.	The committee has no further recommendations
Presenter: Melanie Aluotto Topic: SETRAC QI Program Presenter: Tina Doffing Topic: New Business- Designation Presentation ○ HCA Houston Healthcare Conroe	Melanie Aluotto started off with the new business. She wanted to make sure the members are aware of the SETRAC QI program. The purpose is to give a platform to submit case reviews, trends, or any concerns / issues the QI Committee could look at. She shared the link for all that might be interested. Tina Doffing, Neuroscience Program Director at HCA Houston Healthcare Conroe. She shared her facility demographics with the group. Tina talked about HCA comprehensive stroke program. HCA Houston Healthcare Conroe is currently seeking Level 1 stroke designation and would like to request support from the SETRAC stroke committee as they grow and advance in the care, they provide to their stroke patients. They believe with the support and guidance; they are confident that they can elevate their stroke program to become a leading and exceptional program. Tina showed slides on stroke program support, stroke program objectives and goals. A few slides were on Endovascular procedures offered, from PSC to CSC, patient follow-up care, HHHC services areas, the CSC stroke team, the Neuroscience team, and she showed data on the stroke volumes from 2022 to 2023. She also shared they have an EMS collaboration process. She reviewed their process for EMS agencies and Rural Hospital Outreach.	The committee has no further recommendations.
Presenter: Tressa Sumners Topic: New Business- Stroke Education ○ Memorial Hermann Memorial City	Tressa Sumners, Stroke Coordinator at Memorial Hermann the Woodlands Memorial City presented on TR Band Compliance. She started her presentation with slides on Memorial Hermann's	The committee has no further recommendations.



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	mission, vision, values, service commitment and service standards. She gave some background on Memorial Hermann Memorial City. They are a comprehensive stroke center certified by DNV since 2020 with roughly 800 strokes discharges yearly. They have 19 bed Neuroscience ICU, 24 bed Neuroscience Acute unit and they performed 121 thrombectomies in 2023. She talked about a problem that came in their last DNV survey. There was a lack of clear TR Band orders in current MPPs for providers to use. They took the problem to their neurology group to standardize the order sets to their preference and streamline for nursing. This new process allowed them to educate neuro ICU nurses on new order sets and expectations regarding charting. Tressa showed slides on updated audit sheets that reflected the requirements. She stated the outcome has been great as over 3 months, nursing documentation has increased to over 90%	
Presenter: Grace Farquhar ○ Topic: Rehab Utilization/ Patients arriving outside 4.5 LKW ○ EMS Metrics for Stroke	Grace recapped at the last Stroke Committee meeting, the meeting attendees reviewed metrics for Rehab Utilization and extended window strokes, looking into what those numbers look like and the factors that's affecting patients getting rehab. Grace noted, 65-70% of ischemic patients are arriving outside of 4.5 LKW, for many years. The data subcommittee is looking into seeing how to improve those numbers. They are getting closer and closer to narrowing it down on what's specifically needs to be reviewed to determine exactly what needs to be changed. Grace stated there has been a dashboard created for rehab utilization by the stroke data subcommittee. This information has been handed to the stroke coordinator to look deeper into. Once the stroke coordinator reviews this information it will be brought to stroke committee for additional reporting. Next the stroke data committee will be looking at extended window strokes, and that will also be handed over to stroke coordinators after reviewing. There was open discussion on data and specific data points with 4.5 LKW and thrombolytics, different reason for delays.	The committee has no further recommendations.



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	Grace mentioned, EMS metrics for stroke. She stated the EMS Committee would like SETRAC to get data for stroke using NEMSIS Extract. She stated the issues is they use different PCR vendors, so this is still a work in process. She stated there will more information to come on that. There were questions and open discussion on that. Grace showed slides on Q3-2023. She stated that it was due at the end of November, and she is happy to say we received 100%. She showed charts with total stroke volume by month. She showed the overall stroke population trend from 2019 to 2023. She stated that she noticed a lower stroke volume from previous quarters. Grace pointed out a major increase in the # of strokes in January 2023. There was open discussion on what can be the cause of the overall rise in the number of strokes. She showed a slide on Alteplase/TNK administration vs total ischemic stroke volume. She showed slides on lytics administration and reasons why they didn't receive lytics. She showed slides on patients that received TPA within 60 minutes over the last 10years. The committee set a goal that 50% of patients that receive Alteplase/TNK receive within 30 mins. She stated we are getting close to that 50% mark. Grace asked Melanie to discuss more. Melanie wants the members to work together on how we can accomplish this 50% goal. Grace showed slides on patients who received alteplase TNK within 60mins, and outside 60mins with and without acceptable reasons. Grace discussed acceptable and no acceptable reasons and facilities categorizing them correctly. Slides were shown on rapid improvement vs. other reasons for not administering alteplase/TNK. Grace also presented a slide on areas of opportunity, and stressed that even though they are acceptable reasons, we want to look closely at these. She opened the floor for questions. There were questions and open discussion on what's considered acceptable reasons. She showed slides on patients that did not receive thrombolytics and areas of opportunity. Grace	



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	offered her assistance to the committee if that's an area they would like to look more into.	
Presenter: Dr. Chethan Rao Topic: Old Business ○ Thrombolytic Usage ISC Abstract (update)	Dr. Rao stated that abstract was accepted and will be presented the 1 st week of February. Dr. Rao presented on Stroke Metrics Reporting to Hospital Leadership Advances Thrombolysis and Thrombectomy Rates In A Competitive Region: Analysis Of SETRAC Registry. He discussed the background on this topic. SETRAC roles in actively getting engaged representatives from regional healthcare systems. The collective work toward advancing stroke care delivery. Previous demonstration of improving thrombolysis rates in patients with acute ischemic stroke. Regional data from 2014-2023 to evaluate the continued efficacy of acute stroke care. He talked about the Hypothesis which is Continued leadership engagement will improve with the percentage of patients receiving thrombolysis, and within 45 minutes as well as percentage of patients receiving thrombectomy. He discussed the methods used; GWTG data, Metrics were shared on a blinded basis utilizing visual tools such as bar graphs and linear analyses to evaluate the increase in the percentage of patients receiving thrombolysis, and those treated within 45 minutes. He showed slides and shared the data results. 31 hospitals reported treating a total of 93,688 patients from 2014-2023, The rates of thrombolysis increased from 7.10% in 2014 to 11.8% in 2023 ($p < 0.001$), Mean time to thrombolysis decreased from 66 minutes in 2014 to 48 minutes in 2023 ($p\text{-value} < 0.001$) and Endovascular intervention significantly increased from 0.02% to 6.2% ($p\text{-value} < 0.001$). This data has shown great progress. He thanked and congratulated all on submitting data.	The committee has no further recommendations.
Presenter: Susan Zamora/ Stacey Day Topic: Data Subcommittee New Co-Leader	Susan basically confirmed that Grace covered what the Stroke Data Committee discussed regarding the rehab utilization and sending the information up to the stroke coordinators. There was no additional update from this group. Dr. Rao recommended that	The committee recommendation is taking this information across other specialties.



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	once we analyze data, this group should target a few QPIs to see how we can improve them over the next few quarters. He also recommended we take that information across different specialties. He stated he would be happy to help put an abstract together. Susan received the offer and is open to discussing at the next meeting.	
Presenter: Tonia Shelton/Michelle Vu Topic: Stroke Coordinators Subcommittee	Tonia recapped the coordinators meeting; she talked about the best presentation that was done by HCA Northwest facility. The presentation was about how they improved their door to needle times by improving their ED checklist. She stated that it was very impressive. There was also topics on next year education opportunities. One topic specifically was collaboration with EMS to review processes, expectations, and to create a basic guideline when it comes to transfers.	The committee has no further recommendations
Presenter: Melanie Aluotto Topic: Stroke Education Workgroup	Melanie announced the next 2 hospital that are scheduled to present at the next meeting. Melanie showed the stroke education calendar for 2024 to the members. She informed the members if anyone needs to make changes to their schedule date that can be done. She also discussed the Heart of the Matter initiative, which is a collaboration between Cardiac, Stroke and Perinatal. She asked for anyone interested in helping with planning or volunteering, please reach out to us at SETRAC.	The committee has no further recommendations
Presenter: Members Topic: Open Discussion	There was no open discussion.	The committee has no further recommendations
Next Meeting / Adjournment	There being no other items for discussion, the meeting was adjourned. Next meeting will be held Wednesday March 27, 2024, at 2:00pm – 3:30pm – In Person with call in option.	Code Words Rain/



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Meeting Attendance

Naylon	<i>Bird</i>	Jan 30, 2024	Ben Taub General
Tina	<i>Doffing</i>	Jan 26, 2024	HCA Houston Healthcare Conroe
Saundra	<i>Small</i>	Jan 25, 2024	Memorial Hermann Sugar Land
Jason	<i>Lee</i>	Jan 25, 2024	Houston Methodist Clear Lake Hospital
Lisa	<i>Vrazel</i>	Jan 25, 2024	HCA Houston Healthcare Kingwood
Ada	<i>Vaglienty</i>	Jan 24, 2024	St. Joseph Medical Center
Vi	<i>Nguyen</i>	Jan 24, 2024	CHI - Baylor St. Luke's Medical Center
Cori	<i>Gibson</i>	Jan 24, 2024	HCA Houston Healthcare Tomball
Vanessa	<i>Flowers</i>	Jan 24, 2024	Houston Methodist The Woodlands Hospital
Amanda	<i>Stiger</i>	Jan 24, 2024	HCA Houston Healthcare Northwest
Joseph	<i>Eber</i>	Jan 24, 2024	
Christy	<i>Gonzales</i>	Jan 24, 2024	
Amanda	<i>Stiger</i>	Jan 24, 2024	HCA Houston Healthcare Northwest
Molly	<i>Hone</i>	Jan 24, 2024	HCA Houston Healthcare North Cypress
PERI	<i>SMITH</i>	Jan 24, 2024	Memorial Hermann TMC



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Leila	<i>Semaan</i>	Jan 24, 2024	Memorial Hermann Memorial City
Rachel	<i>Parker</i>	Jan 24, 2024	
Jacqueline	<i>Trotter</i>	Jan 24, 2024	Houston Methodist Sugar Land Hospital
Latriece	<i>Jones</i>	Jan 24, 2024	Memorial Hermann Northeast
Kylie	<i>Wood</i>	Jan 24, 2024	HCA Houston Healthcare West
Yasmin	<i>Karim</i>	Jan 24, 2024	Memorial Hermann Southwest
Iesha	<i>Johnson</i>	Jan 24, 2024	UTMB Clear Lake
Taylor	<i>Grow</i>	Jan 24, 2024	Houston Methodist Willowbrook Hospital
NISEL	<i>ARMSTRONG</i>	Jan 24, 2024	HCA Houston Healthcare Clear Lake
Joyce	<i>Cabriana</i>	Jan 24, 2024	HCA Houston Healthcare Kingwood
Tressa	<i>Sumners</i>	Jan 24, 2024	Memorial Hermann Memorial City
Traci	<i>Prenat</i>	Jan 24, 2024	Memorial Hermann Southeast
Mercedes	<i>Moss</i>	Jan 24, 2024	HCA Houston Healthcare Northwest
Iesha	<i>Johnson</i>	Jan 24, 2024	UTMB Clear Lake
Theresa	<i>Eschete</i>	Jan 24, 2024	CHI - St. Luke's The Woodlands
merrilee	<i>littlewood</i>	Jan 24, 2024	Houston Methodist Sugar Land Hospital



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Angelica	Antaran	Jan 24, 2024	Memorial Hermann Cypress
Erika	Sirchia	Jan 24, 2024	Memorial Hermann-The Woodlands
Letrida	Rhyans	Jan 24, 2024	Memorial Hermann-The Woodlands
Susan	Zamora	Jan 24, 2024	Houston Methodist Baytown Hospital
Courtney	Terry	Jan 24, 2024	HCA Houston Healthcare Southeast
Tonia	Shelton	Jan 24, 2024	Houston Methodist West Hospital
Ginno Paulo	Maglaya	Jan 24, 2024	Memorial Hermann Katy
Jessyca	Clemons	Jan 24, 2024	Ben Taub General
merrilee	littlewood	Jan 24, 2024	Houston Methodist Sugar Land Hospital
Mercedes	Moss	Jan 24, 2024	HCA Houston Healthcare Northwest
Joyce	Cabriana	Jan 24, 2024	HCA Houston Healthcare Kingwood
Angelica	Antaran	Jan 24, 2024	Memorial Hermann Cypress
merrilee	littlewood	Jan 24, 2024	Houston Methodist Sugar Land Hospital
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