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Creating the Stroke Compliance Report for System Wide Use

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Creating the Stroke Compliance Report for System Wide Use

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Objectives

- Understand the importance of stroke core measure compliance
- Identify core measure completion on stroke patients

Introduction

- Stroke core measures are set forth by American Heart and Stroke Association
- To maintain accreditation as a comprehensive stroke center, adherence and completion of guidelines is expected
- Nurse leaders (charge nurses) complete audits every shift utilizing specific core measure check list

Purpose/Aim

 The aim of this project was to create an allencompassing stroke core measure report in one easy to access location which would decrease time spent completing audits

Problem

- Feedback regarding audit tool determined it to be cumbersome and tedious
- Each audit required nurse leader to enter each patient record to search for the information
- Completion of the audit took a considerable amount of time which removed the nurse leader from the bedside and patient care

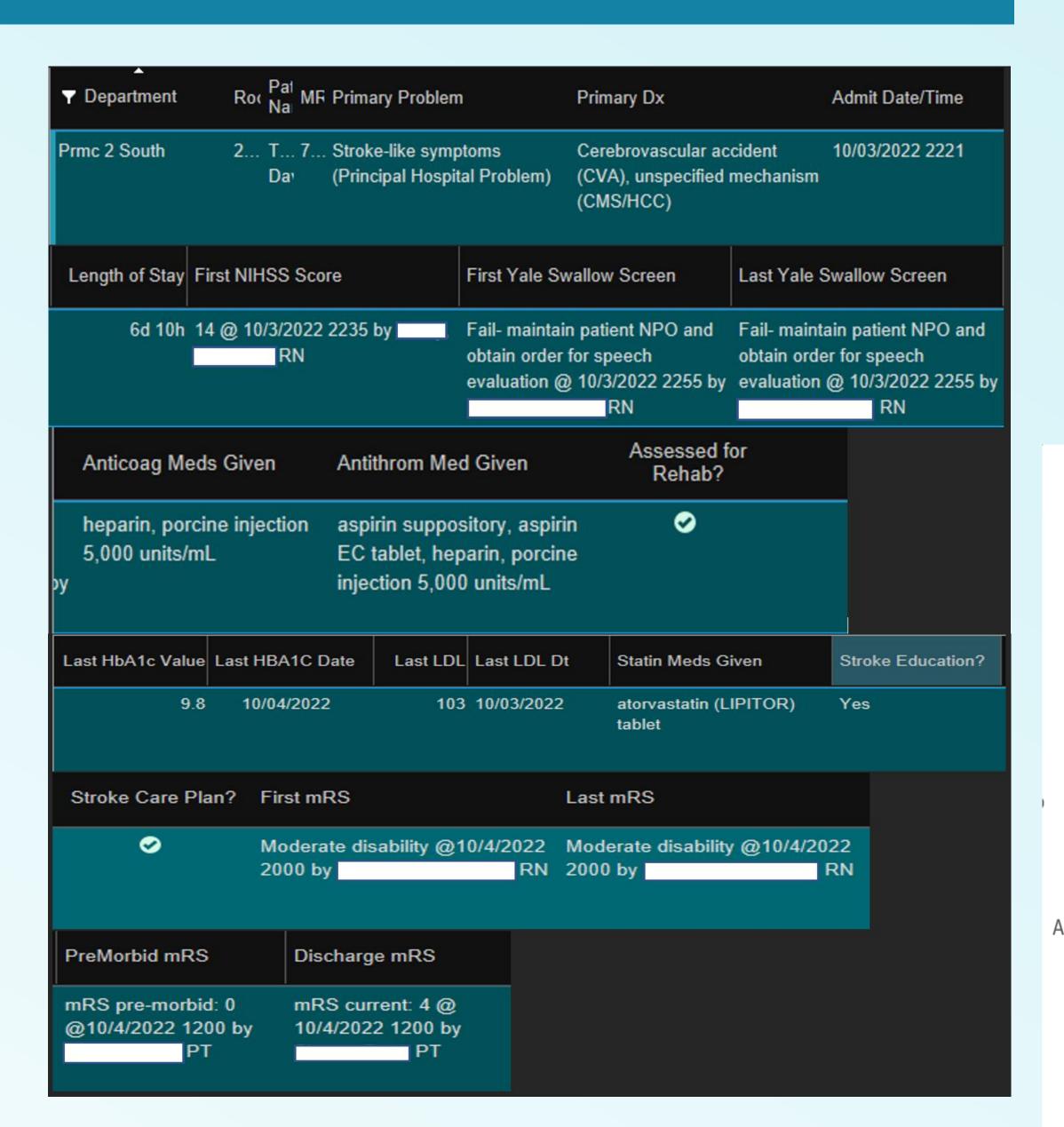
Methods

- Collaboration with Inpatient Neurology Nurse Leads, Stroke Team Coordinators, Information Services, and Epic analyst
- Reviewing the provided guidelines from American
 Heart and Stroke Association, the accredited
 governing body, and the current stroke audit tool
 used to ensure all requirements for inpatient
 stroke patients were captured in report
- A stroke compliance report was developed in the EMR

	Stroke/TIA Inpatient No All checklist items pertain		
_	* these checklist items pertain to he	emor	rhagic strokes too (SAH/ICH)
	AL SIGNS/NEURO CHECKS & STANDARDS OF CARE:	/ Altor	Naco VS (Nouve Charle Blanning & Hand Off Tool)
	U: Complete per ICU standards of care (if post IV Alteplase, use Post-IV on-ICU: Vitals Q4 hrs and Neuro Checks Q4 hrs or per MD order	Aite	biase vs/Neuro Check Planning & Hand-Off Tool)
	ure Order for Tele-monitor is place and monitor placed on patient		
	thomas appropriate district Administra	linears as an elaboral of Discharge	
	Items completed during Admission	_	Items completed at Discharge
1	*ADMISSION/BASELINE NIHSS		*DISCHARGE NIHSS
	*YALE SWALLOW SCREEN: Must be completed here at PRMC		DISCHARGE ON ANTIPLATELET (e.g. aspirin, clopidogrel) or
	 Completed prior to ANY oral intake including medication 		contraindications documented by MD/NP
	□ pass □ fail		
	 Document results in "Yale Swallow Protocol" flowsheet 		
	*VTE PROPHYLAXIS: Pharmacological or Mechanical		DISCHARGE ON STATIN or
	initiate by end of hospital day two		□ contraindications documented by MD/NP
	Pharmacologic Prophylaxis and/or		
	Mechanical Prophylaxis (i.e. SCDs) or		
	□ contraindications documented by MD/NP		
7	ANTIPLATELET THERAPY: (e.g. aspirin, clopidogrel)		HISTORY OF OR DOCUMENTED
	initiate by end of hospital day two or		A-FIB/FLUTTER DURING ADMISSION: yes no
	□ contraindications documented by MD/NP		• if no, contact MD; pt may require 30 day home
	Must wait 24 hours after alteplase administration to initiate		monitoring or LINQ
	antiplatelet		The state of the s
	ANTICOAGULATION THERAPY: (e.g. heparin, warfarin, apixaban,		
	etc.)		
	initiate by end of hospital day two		*DISCULARSE STROKE SPECIFIC FRUISATION:
	For history or evidence of A-fib/A-flutter or		*DISCHARGE STROKE SPECIFIC EDUCATION:
	□ contraindications documented by MD/NP		Documented in EPIC that stroke education with "teach
			back" completed with pt/family (utilize Stroke Manual)
	*REHAB SERVICES:		including:
	Assessed by therapy services: □ OT □ PT □ ST		□ How to activate EMS
	 Post-Acute Care Screen (Rehab/CCC) □ completed 		□ Follow-up after discharge
	 pre-morbid mRS on admission □ completed 		□ Discharge meds
	Hgb A1C drawn: Must be drawn within 48 HRS of admission		☐ Individualized Stroke Risk Factors and
	HBG AIC NOT REQUIRED if drawn within the last 30 days		☐ Signs and Symptoms of Stroke (B.E.F.A.S.T)
	LIPID PROFILE: Must be drawn within 48 HRS of admission		*REHAB SERVICES:
	DMD notified of elevated LDL	-	discharge mRS on
	□ Contraindication documented by MD/NP		uscharge mins on El completed
	LIPID PROFILE NOT REQUIRED if Lipid profile drawn within the		
	last 30 days		
	STATIN:		
	LDL > 70 must initiate statin or		
	Contraindication documented by MD/NP		
	*STROKE EDUCATION HANDBOOK:	\vdash	
	given to patient /family and documented		
	*STROKE CARE PLAN: Must be iniciated w/in 24 hours of		
	admission and document daily		
	*STROKE SPECIFIC EDUCATION:		
	Documented in EPIC that stroke education with "teach back"		
	completed with pt/family (utilize Stroke Manual) including: 1)		Patient Sticker Here
	How to activate EMS 2) Follow-up after discharge 3) Discharge		
	meds 4) Individualized Stroke Risk Factors and 5) Signs and		
	Symptoms of Stroke (B.E.F.A.S.T)	l	I

Disclosure Statement

Both contributing authors and presenters have no relevant conflicts of interests to disclose



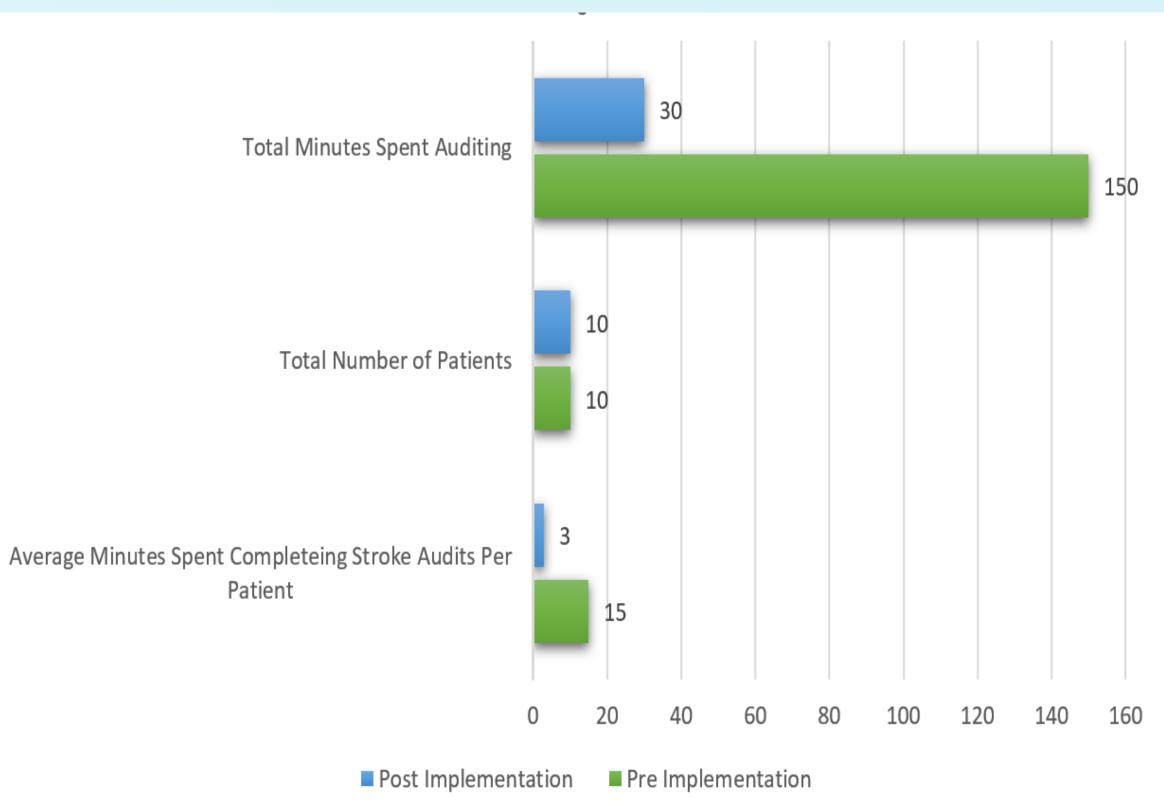
- Report was reviewed by other neuro nurse leads, bedside staff, and neuro manager to test over all useability
- Further collaboration with Information services to ensure report completed based on feedback

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Results

- Completion and implementation in May 2021
- Pre-implementation audit completion duration of 150 minutes per shift
- Post-implementation audit completion duration of 30 minutes
- This is an 80% decrease in audit completion time



Conclusion

- The creation and initiation of the Stroke
 Compliance Report has improved the timeliness and efficiency of audit completion
- Helps to verify all inpatient stroke core measures are met which ensures all stroke patients are receiving the evidence-based care they need and deserve
- The dashboard will now be available system wide