

# Stroke Nursing Education Series

Stroke Education and Documentation

Jessica Tambe MS, RN

Stroke Service Educator

Nursing Practice, NMSK Service, URMCMH

So WHY is this important?

Joint Commission  
Accredits our  
medical center as  
a Comprehensive  
Stroke Center  
(visits every 2  
years)



[Home](#) » [Stroke \(STK\)](#) » STK-8

[Print this page](#)

Release Notes:  
Measure Information Form  
Version 2021A

## Measure Information Form

**Measure Set:** Stroke (STK)

**Set Measure ID:** STK-8

**Performance Measure Name:** Stroke Education

**Description:** Ischemic or hemorrhagic stroke patients or their caregivers who were given educational materials during the hospital stay addressing all of the following: activation of emergency medical system, need for follow-up after discharge, medications prescribed at discharge, risk factors for stroke, and warning signs and symptoms of stroke.

**Rationale:** There are many examples of how patient education programs for specific chronic conditions have increased healthful behaviors, improved health status, and/or decreased health care costs of their participants. Clinical practice guidelines include recommendations for patient and family education during hospitalization as well as information about resources for social support services. Some clinical trials have shown measurable benefits in patient and caregiver outcomes with the application of education and support strategies. The type of stroke experienced and the resulting outcomes will play a large role in determining not only the course of treatment but also what education will be required. Patient education should include information about the event (e.g., cause, treatment, and risk factors), the role of various medications or strategies, as well as desirable lifestyle modifications to reduce risk or improve outcomes. Family/caregivers will also need guidance in planning effective and realistic care strategies appropriate to the patient's prognosis and potential for rehabilitation.

**Type Of Measure:** Process

**Improvement Noted As:** Increase in the rate

**Numerator Statement:** Ischemic or hemorrhagic stroke patients with documentation that they or their caregivers were given educational material addressing all of the following:

1. Activation of emergency medical system
2. Follow-up after discharge
3. Medications prescribed at discharge
4. Risk factors for stroke
5. Warning signs and symptoms of stroke

# NYS Measure PSC 7:

NYS measures have the same 5 required points as The Joint Commission with emphasis on individualization of education including *personal risk factors* and *medications prescribed*

**NYS PSC 7: Stroke Education: Percent of patients with Stroke or TIA or their caregivers who were given education and/or educational materials during the hospital stay addressing ALL of the following: personal risk factors, warning signs for stroke, activation of emergency medical system, need for follow-up after discharge, and medications prescribed.**

**Measure Steward: Get with the Guidelines Quality**

**Denominator**

**Include**

- Patients with a diagnosis of Ischemic stroke, TIA, subarachnoid hemorrhage, Intracerebral hemorrhage, or Stroke not otherwise specified

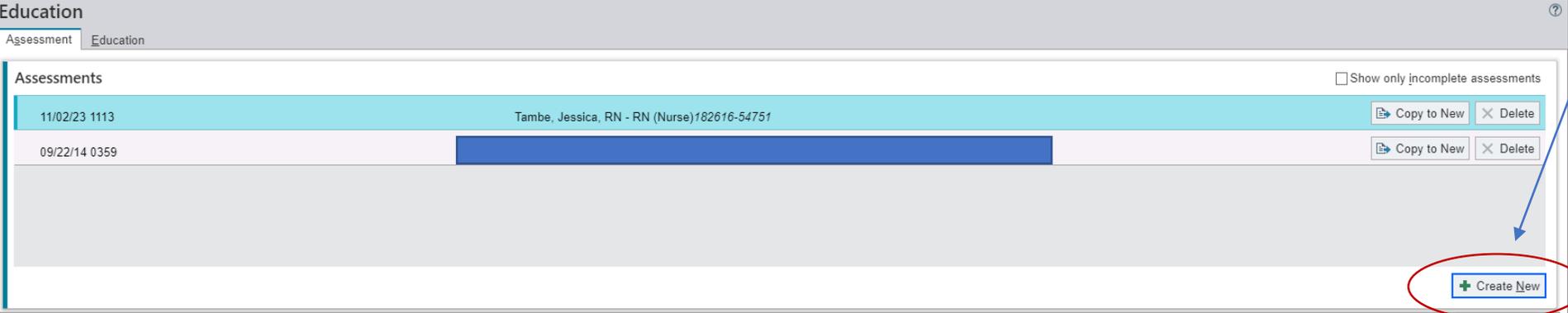
**Exclude**

- Age < 18 years
- Stroke occurred after hospital arrival (in ED/Obs/inpatient)
- Comfort Measures Only documented
- Patients who are discharged/transferred to hospice, discharged/transferred to another acute care facility, patients that expire, and patients that leave against medical advice
- Not admitted as an inpatient
- Clinical Trial
- Elective Carotid Intervention

# Documenting Individualized Patient Education



**Step 1: Click Education Tab**



**Step 2: Create New Learner Assessment for current admission**

*(Some patients will have multiple learning assessments due to previous admissions, ensure there is a current learning assessment for the current admission, as we know capacity and cognition status is ever changing)*

**Assessment**

LEARNING ASSESSMENT

PRIMARY LEARNER

Primary Learner Name

Relationship  Patient  Family  Significant Other  Co-learner  Mother  Father  Guardian  Foster Parent  Other

Does the primary learner have any barriers to learning?  No Barriers  Reading  Language  Visual  Hearing  Physical  Emotional  Cognitive  Financial  Spiritual  Cultural  Other

What is the primary language of the primary learner?  English  Spanish  Arabic  Nepali  Chinese (Mandarin)  Vietnamese  Russian  American Sign Language  Somali  Turkish  Karen  Other

Is an interpreter required (yes, if Patient has preferred language other than English and does not refuse interpreter services)?  Yes  No

How does the primary learner prefer to learn new concepts?  Listening  Reading  Demonstration  Pictures/Video  Other

CAREGIVER

Caregiver Name (if applicable)

Relationship  Patient  Family  Significant Other  Co-learner  Mother  Father  Guardian  Foster Parent  Other

Does the caregiver have any barriers to learning?  No Barriers  Reading  Language  Visual  Hearing  Physical  Emotional  Cognitive  Financial  Spiritual  Cultural  Other

What is the primary language of the caregiver?  English  Spanish  Arabic  Nepali  Chinese (Mandarin)  Vietnamese  Russian  American Sign Language  Somali  Turkish  Karen  Other

**Step 3: Insert appropriate details about Primary Learner, Caregiver and Co-Learner if applicable.**

*Ensure your patient is listed in the learning assessment.*

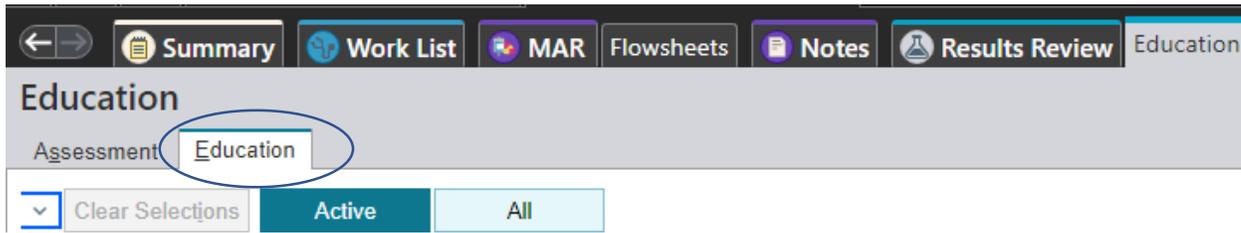
- If the patient has significant deficits that impair them from retaining education or stating it back to you (intubated, vented, encephalopathic etc.) and have a caregiver or family member actively involved, the family can be the primary learner and the patient can be the co-learner since the family will be the learner retaining information.*
- Education should be documented **every shift***

# How to Document in Stroke Education Record

- Needs to include the five required points
  - Risk factors for stroke (individualized)
  - How to activate EMS
  - Prescribed Medications (individualized)
  - Stroke warning signs & symptoms
  - Need for follow-up

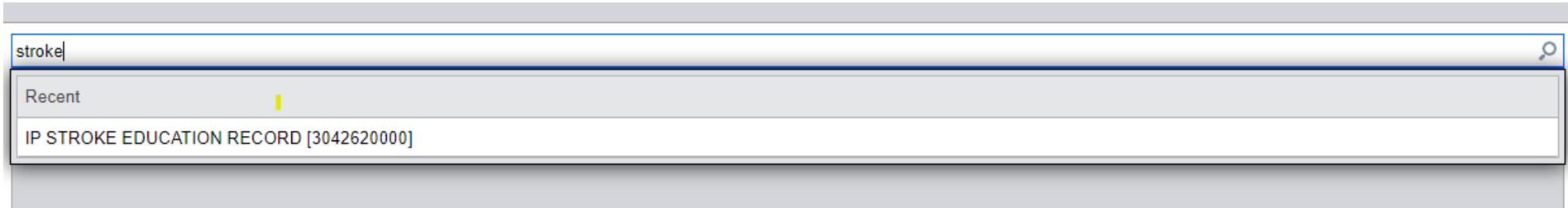
IP STROKE EDUCATION RECORD

- Stroke Education Record
  - Stroke - Basic Facts
    - Able to state type of stroke
    - Able to state signs and symptoms of a stroke/TIA
    - How to activate Emergency Medical System for stroke/TIA
    - Written Stroke Education Booklet Given
  - Stroke workup: Able to state stroke workup testing
    - MRI/MRA
    - CT Scan
    - TEE/TTE
    - Angiogram
    - Carotid Ultrasound
  - Current Patient Specific Risk Factors: (Teaching Sheet given for each)
    - Hypertension
    - Diabetes Mellitus
    - Smoking
    - Coronary Artery Disease
    - Atrial Fibrillation
    - Hypercholesterolemia
  - Medications: States understanding of need for
    - Antiplatelet medication
    - Anticoagulant medication
    - Diabetic medication
    - Cholesterol medication
    - Anti-hypertensive medication
  - Therapies: Understands purpose and goals of therapies
    - Physical Therapy
    - Occupational Therapy
    - Speech Therapy
  - Safety: Family/Patient able to state reason for precautions
    - Fall
    - Aspiration
    - Seizure
  - Complications: States interventions needed to prevent complications
    - Aspiration
    - Constipation
    - Deep Vein Thrombosis
    - Skin Breakdown
    - Urinary Tract Infection
  - Nutrition: States diet limitations and types of diet allowed
    - Low Cholesterol
    - Anti-hypertensive
  - Discharge Planning: States Understanding
    - Homecare plan and agency involvement
    - Follow-up appointment(s) after discharge
    - Discharge medications



## Initiating Stroke Education

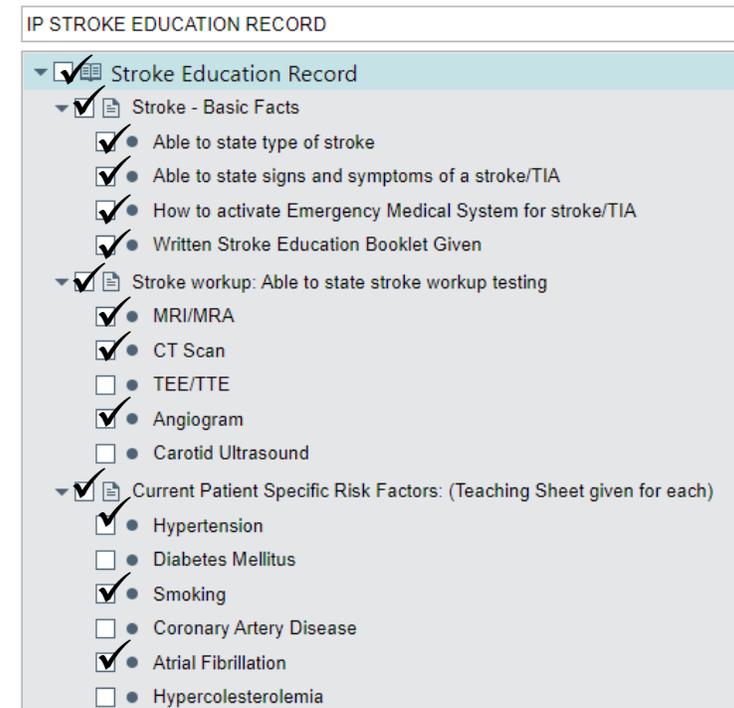
- Click Education Tab
- Click “Add Title”
- Search “stroke”
- Click “IP Stroke Education Record”



Then you will see an incomplete blank stroke education record to insert in the chart:

- When inserting the stroke education ONLY select pertinent points that apply to the patient!

Ex: Pt has hx of HTN, Afib and Smoking, had a CT head done, awaiting MRI and angiogram →



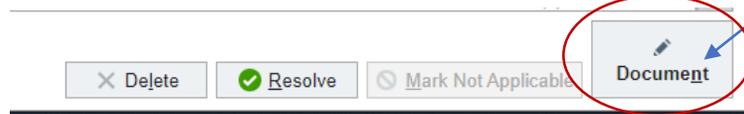
Now that the stroke education template is individualized and inserted in the chart we need to document on it:

- Stroke Education Record
- Stroke - Basic Facts
  - Able to state type of stroke
  - Able to state signs and symptoms of a stroke/TIA
  - How to activate Emergency Medical System for stroke/TIA
  - Written Stroke Education Booklet Given
- Stroke workup: Able to state stroke workup testing
  - MRI/MRA
  - CT Scan
  - TEE/TTE
  - Angiogram
- Current Patient Specific Risk Factors: (Teaching Sheet given fo...
  - Hypertension
  - Hypercholesterolemia
  - Excessive Alcohol Use
- Medications: States understanding of need for
  - Antiplatelet medication
  - Cholesterol medication
- Therapies: Understands purpose and goals of therapies
  - Physical Therapy
  - Occupational Therapy
  - Speech Therapy
  - Swallow Therapy
- Safety: Family/Patient able to state reason for precautions
  - Fall
  - Aspiration
  - Seizure
- Complications: States interventions needed to prevent complic...
  - Aspiration
  - Constipation

Clicking the Title "Stroke Education Record" selects the entire education record, you can also click on the subtitles such as "Stroke Basic Facts" or "Stroke workup" to document on individual sections instead of the whole template

Patient education should be documented **every shift**

If you are administering stroke specific medications, explaining that OT is going to see pt. today or implementing safety precautions etc. document it under stroke education to get credit for what you are doing 😊



Once the education is selected, Click Document to document the stroke education

Then select the appropriate Learners, Readiness, Method and Response.

You can select multiple learners if you are teaching both patient and family etc.

Then click File to file the documentation

**Learners**  
 Patient  Family  Significant Other  Caregiver  Other  Mother  Father  Guardian  Foster Parent

**Readiness**  
Eager  Acceptance\*  Nonacceptance  Refuses  Unable to Comprehend   
Learner unavailable this shift, unable to assess

**Method**  
 Explanation\*  Demonstration  Handout  Interpreter  Video  Class/Group  Other   
 AVS  Learner unavailable this shift, unable to teach

**Response**  
 Verbalizes Understanding\*  Demonstrated Understanding  Needs Reinforcement   
 No Evidence of Learning  Refused Teaching  Learner unavailable this shift, needs instruction

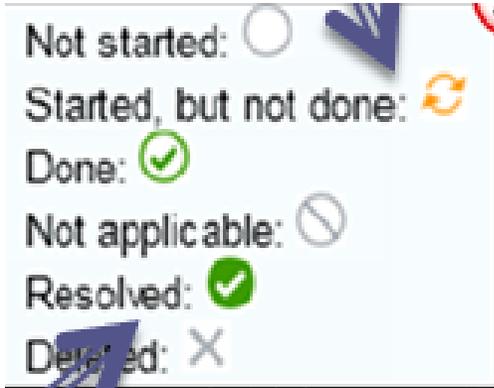
Enter a comment for all selected points

Taught by: TAMBE, JESSICA  
11/7/2023 1547

\* Apply Defaults **File (28)** File and Resolve (28) Cancel

Here is an example for you:

Key:



- Stroke Education Record
  - Stroke - Basic Facts
    - Able to state type of stroke
    - Able to state signs and symptoms of a stroke/TIA
    - How to activate Emergency Medical System for stroke/TIA
    - Written Stroke Education Booklet Given
  - Stroke workup: Able to state stroke workup testing
    - MRI/MRA
    - CT Scan
    - TEE/TTE
    - Angiogram
  - Current Patient Specific Risk Factors: (Teaching Sheet given for each)
    - Hypertension
    - Hypercholesterolemia
    - Excessive Alcohol Use
  - Medications: States understanding of need for
    - Antiplatelet medication
    - Cholesterol medication
  - Therapies: Understands purpose and goals of therapies
    - Physical Therapy
    - Occupational Therapy
    - Speech Therapy
    - Swallow Therapy
  - Safety: Family/Patient able to state reason for precautions
    - Fall
    - Aspiration
    - Seizure
  - Complications: States interventions needed to prevent complications
    - Aspiration
    - Constipation
    - Deep Vein Thrombosis
    - Skin Breakdown
  - Discharge Planning: States Understanding
    - Homecare plan and agency involvement
    - Follow-up appointment(s) after discharge
    - Discharge medications

The stroke education record to the left is individualized and only includes points specific to the patient!

This person also inserted their own point not included in the pre-made template to include the risk factor of “Excessive Alcohol Use”

The medications listed are the stroke specific medications prescribed for this patient (not all the options listed)

Task	Status	Notes
Describes associated signs and symptoms of health condition	3	
Patient	Nonacceptance, Handout, No Evidence of Learning	Rn, Do Not Use, RN at 11/12/2015 1139
Verbalizes reason for admission		
Patient	Acceptance, Explanation, Verbalizes Understanding	Rn, Do Not Use, RN at 1/5/2016 1604
Explains how disease process/condition affects physical and emotional health		
Patient	Acceptance, Explanation, Verbalizes Understanding	Rn, Do Not Use, RN at 11/12/2015 1140
States purpose/special preparation for procedures/tests	Not started	

# Stroke Education



IP STROKE EDUCATION RECORD	
<input checked="" type="checkbox"/>	Stroke Education Record
<input checked="" type="checkbox"/>	Stroke - Basic Facts
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Able to state type of stroke
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Able to state signs and symptoms of a stroke/TIA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> How to activate Emergency Medical System for stroke/TIA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Written Stroke Education Booklet Given
<input checked="" type="checkbox"/>	Stroke workup: Able to state stroke workup testing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> MRI/MRA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CT Scan
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TEE/TTE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Angiogram
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Carotid Ultrasound
<input checked="" type="checkbox"/>	Risk Factors: (Teaching Sheet given for each)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hypertension
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Diabetes Mellitus
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Smoking
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Coronary Artery Disease
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Atrial Fibrillation
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hypercholesterolemia
<input checked="" type="checkbox"/>	Medications: States understanding of need for
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Antiplatelet medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Anticoagulant medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Diabetic medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Cholesterol medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Anti-hypertensive medication
<input checked="" type="checkbox"/>	Therapies: Understands purpose and goals of therapies
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Physical Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Occupational Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Speech Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Swallow Therapy
<input checked="" type="checkbox"/>	Safety: Family/Patient able to state reason for precautions
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Fall

PAUSE

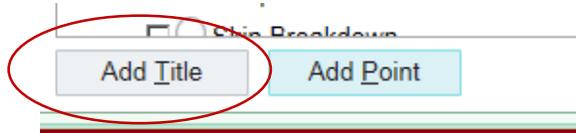
IP STROKE EDUCATION RECORD	
<input checked="" type="checkbox"/>	Stroke Education Record
<input checked="" type="checkbox"/>	Stroke - Basic Facts
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Able to state type of stroke
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Able to state signs and symptoms of a stroke/TIA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> How to activate Emergency Medical System for stroke/TIA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Written Stroke Education Booklet Given
<input checked="" type="checkbox"/>	Stroke workup: Able to state stroke workup testing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> MRI/MRA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CT Scan
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TEE/TTE
<input type="checkbox"/>	<input type="checkbox"/> Angiogram
<input type="checkbox"/>	<input type="checkbox"/> Carotid Ultrasound
<input checked="" type="checkbox"/>	Risk Factors: (Teaching Sheet given for each)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hypertension
<input type="checkbox"/>	<input type="checkbox"/> Diabetes Mellitus
<input type="checkbox"/>	<input type="checkbox"/> Smoking
<input type="checkbox"/>	<input type="checkbox"/> Coronary Artery Disease
<input type="checkbox"/>	<input type="checkbox"/> Atrial Fibrillation
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hypercholesterolemia
<input checked="" type="checkbox"/>	Medications: States understanding of need for
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Antiplatelet medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Anticoagulant medication
<input type="checkbox"/>	<input type="checkbox"/> Diabetic medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Cholesterol medication
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Anti-hypertensive medication
<input checked="" type="checkbox"/>	Therapies: Understands purpose and goals of therapies
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Physical Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Occupational Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Speech Therapy
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Swallow Therapy
<input type="checkbox"/>	Safety: Family/Patient able to state reason for precautions
<input type="checkbox"/>	<input type="checkbox"/> Fall

**ONLY** click the points that pertain to **YOUR** patient

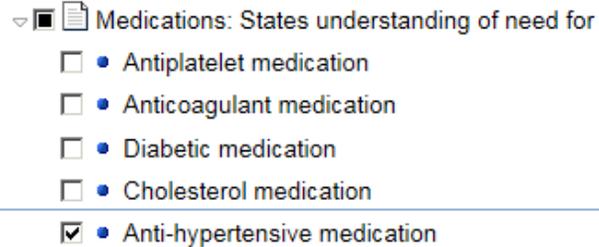


## Updating the Stroke Education Record

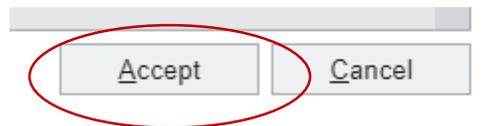
**On hospital day 3 your patient was started on an anti-hypertensive that was not prescribed on admission, how do you add this point?...**



- Click “Add Title”
- Search “stroke”
- Click “Antihypertensive Medication” Under Medication



**Then click “Accept” that will update the Stroke Education record and include “Anti-hypertensive under the Stroke Education Template heading “Medications”**

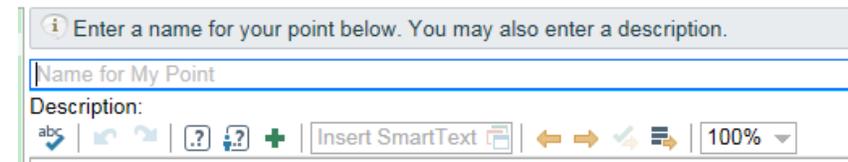


## Adding your own point to Stroke Education Record

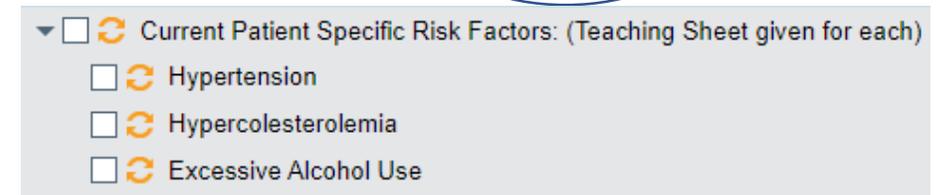
**Patient has excessive alcohol use that is also a risk factor for stroke but not in the pre-made template, how do you add in your own point?**



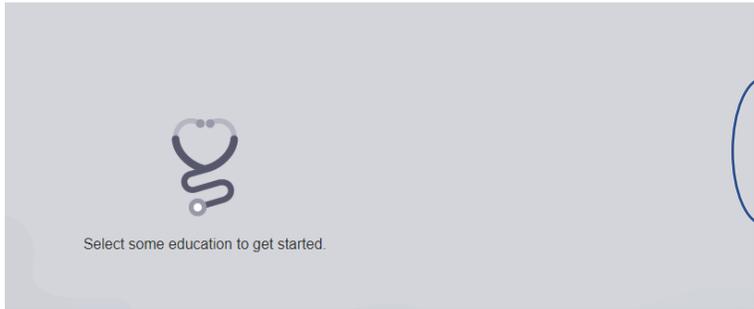
- Click “Add Point”
- Click Add My Point
- Type in the “Name for My Point” box ex: “Excessive Alcohol Use”
- Click which subheading the point should be under, in this example it should go under Current Patient Specific Risk Factors



**Then click “Accept” that will add your own unique point to the Stroke Education Record**

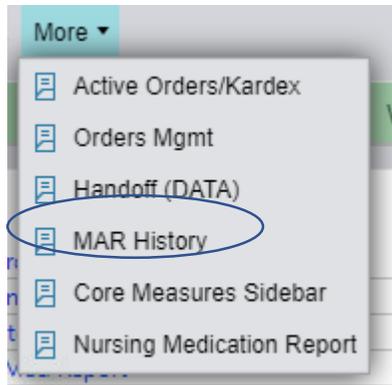
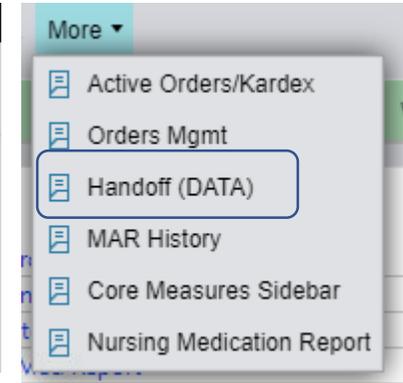
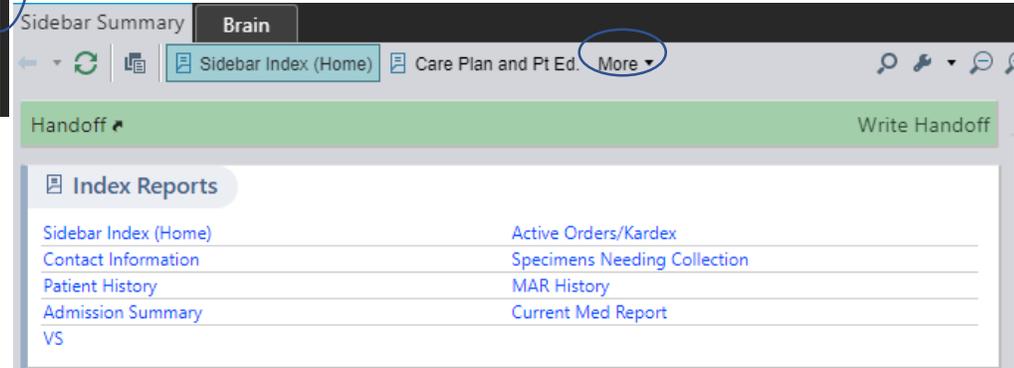


# But it takes forever to initiate stroke education...



When in the education record, click this little side arrow ← this opens the Sidebar... THEN click More

Then select “Handoff (DATA)”



You can also select MAR History from the sidebar to insert the appropriate ordered stroke specific medications into the Stroke Education Record

This takes you to the Primary Team Handoff as well as the Neurology Team Handoff– so you will easily be able to see what tests they plan on ordering, risk factors of the patient and more so you could easily insert the education record.

#### Active Issues

Embolic right MCA and fetal PCA territory stroke secondary to acute plaque rupture with thrombosis and occlusion of the right ICA and distal embolization;

- Antithrombotic: pending angio/carotid intervention (new)
- LDL: \*\*\*, on atorva 80 (40 at home)
- A1c: \*\*\*
- CT/CTA: R ICA origin occlusion, R M2 cutoff, fetal R MCA with MF narrowing
- MRI: \*\*\*
- ECHO: \*\*\*
- Diet: No diet orders on file

# Discharge

- You can resolve the education at discharge and click “Education Complete”

- Stroke Education Record
  - Stroke - Basic Facts
    - Able to state type of stroke
    - Able to state signs and sympto...
    - How to activate Emergency Me...
    - Written Stroke Education Book...
  - Stroke workup: Able to state stro...
    - MRI/MRA
    - CT Scan
    - TEE/TTE
  - Current Patient Specific Risk Fac...
  - Medications: States understandin...
    - Antiplatelet medication
    - Cholesterol medication
    - Anti-hypertensive medication
  - Therapies: Understands purpose ...
  - Safety: Family/Patient able to stat...
  - Complications: States interventio...
  - Nutrition: States diet limitations a...
  - Discharge Planning: States Unde...

 Resolve

Resolve Education

Enter a reason for resolving these items.

Reason:

Title	Number
At d/c, pt unable to comprehend/no co-learner available	4
Change in Patient Condition	2
Data Entry Error	3
Education Complete	1
Order discontinued	5



QR code for additional resources  
This PowerPoint is on the QR code now

