<u>Stroke Metrics for quAlity, Reporting, and Translation in the implementation of EndoVascular Thrombectomy:</u> SMART-EVT

Case Record Form - Version October 20, 2021

LEGEND	
Bold text	Field label (reference question) included in full and minimal dataset
*Bold text	Field label (reference question) included in minimal dataset
[Red text]	SAS variable name – definition unchanged from previous stroke study
Pink italics	SAS variable that is either a) new or b) has a revised definition (wording of question is revised or options in questions have been revised) or c) prefix edited for consistency
(Green text)	Field validation - includes minimum and maximum values, ranges
Purple text	Field notes - instructions/guidance for abstractors
(Orange Text)	REDCap variable coding
Dark Red Text	REDCap branching logic
Grey field	Automatic calculation or read-only field
Light grey field	REDCap section header
Blue text	Blue underlined text indicates a response which triggers a nested field.
	Blue-shaded field denotes the conditional or nested field (e.g. if yes then appear)
Repeat field	Data will be repeated (piped) from another REDCap field REDCap
Pre-populated field	Data will be imported into REDCap from ICES administrative data

FORM 1 - DIRECT IDs (DP	I)			
REDCap Record ID:	[record_id] NOTE: This field is the record ID field, which is the first names of the records in the project. Thus, the record II field label or even its variable name may be edited).	et field in the project. This field is used to store the D field cannot be deleted or moved but only edited (the		
Medical Record Number:	[chartnum]			
Date of Birth:	[bdate] (D-M-Y)			
Admission Date:	(D-M-Y) [admdate]			
Gender:	O Male (1) O Female (2) O Non-binary (3) [sex]			
Does the MRN, date of birth and gender and admission date on the chart match the record you are reviewing in REDCap?	O Yes (1) O No (2) [chart_verify]	Text-only field: If no, please retrieve the correct chart. [chart_warning] Show if [chart_verify] = '2'		
Form status				
Complete?	REDCap specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2) [direct_ids_complete]			

SMART-EVT: Case Record Form Page 1 of 27 Version Date: October 20, 2021

FORM 2 - STUDY IDs	
Ra_id:	[ra_id]
Abstractor ID:	[abstractor_id]
Institution Name:	[sitename]
Institution Number:	[sitenumber]
Form status	
Complete?	REDCap specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2) [study_ids_complete]

FORM 3 - EVENT ONSET			
Is there ED visit at this hospital?	O Yes (1) O No (2) [er_verify]	Text-only field: ATTENTION: This patient did not have an ED visit at this hospital. Please find the best estimate of the date and time of arrival; however, note there is no ED visit nor an ED triage sheet. [er_warning]	
		Show if [er_verify] = '2'	
Date and time of arrival at this hospital (ED 1):	(D-M-Y H:M) [er_afrhdatetime] As indicated on the ED triage sheet		
Date and time of event onset:	[D-M-Y H:M] [se_lsndatetime] IF THE TIME IS ESTIMATED USE THE TIME ESTIMATES BELOW BASED ON WHAT IS AVAILABLE IN THE CHART: The middle of the night = 03:00 - Breakfast = 08:00 Early morning = 08:00 Morning = 09:00 Late morning = 10:00 Lunch = 12:00 Midday = 12 Noon = 12:00 Early afternoon = 14:00 Afternoon or mid-afternoon = 15:00 - Late afternoon = 16:00 - Dinner/Supper = 18:00 Early evening = 19:00 Evening = 21:00 Late evening = 22:00 Midnight = 23:59. IF ONLY THE DATE OF ONSET IS DOCUMENTED, enter 23:59 as the time of onset.		
Did the patient have an acute stroke while ALREADY ADMITTED to a hospital for a non-stroke related diagnosis?	○ Yes (1) ○ No (2) ○ UTD (3) [se_inhospitalstroke]	Patient type: Medical (1) Surgical – cardiac (2) Surgical – other (3) Cardiac catherization (including angiography) (4) Neuro angiography (5) Other angiography (including body) (6) Obstetrical (7) Other (8) UTD (9) [se_inhospitaltype] Show if [se_inhospitalstroke] = '1'	
Event onset to arrival to this hospital (ED 1) in hours:			

	Warning negative time difference. Please ensure time of onset and time of hospital arrival are entered correctly. [er_hosparrivaldays]
	Show if [er_hosparrivalhours] <=-1
Event onset to arrival to this hospital (ED 1) in days:	Calculation: days REDCap equation: (datediff([se_lsndatetime],[er_afrhdatetime],"d","dmy",true))
	[er_hosparrivaldays] Warning negative time difference. Please ensure time of onset and time of hospital arrival
	are entered correctly. [er_hosparrivaldays]
	Show if [er_hosparrivaldays] <=-1
Form status	
Complete?	REDCap specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2)
	[event_onset_complete]

FORM 4 – ELIGIBILITY				
Overall Eligibility				
Event onset to hospital arrival = [er_hosparrivaldays]	○ <u>Yes</u> (1)	Descriptive text: STOP IF PATIENT IS		
days	O No (2)	INELIGIBLE - NO FURTHER DATA		
	O Unknown (3)	COLLECTION ALLOWED		
Was the onset of symptoms to hospital arrival > 14 days?	[se_ineligble14days]	[se_ineligble]		
		Show if [se_ineligble14days] = '1'		
Did the patient receive initial stroke treatment outside of	O <u>Yes</u> (1)	Descriptive text: STOP IF PATIENT IS		
Ontario?	O No (2)	INELIGIBLE - NO FURTHER DATA		
	[se_ineligiblehospoutoprov]	COLLECTION ALLOWED		
	[cc_men8.crenespeareprev]	[se_ineligble]		
Show if [se_ineligible14days] = '2' or [se_ineligible14days] =		[5551.8515]		
'3'		Show if [se_ineligiblehospoutofprov] = '1'		
Based on documentation available in the chart, was a	O A stroke WAS suspected (1)	Descriptive text: STOP IF PATIENT IS		
stroke suspected at ANY time by a health care	O A stroke WAS NOT suspected (2)	INELIGIBLE - NO FURTHER DATA		
professional during this patient's visit?	[se_ineligibleevent]	COLLECTION ALLOWED		
professional during this patient s visit.	[se_mengibleevent]	[se_ineligble]		
Show if [se_ineligiblehospoutofprov] = '2'		SC_Incligate		
Show it [se_ineligible hospottorprov] = 2		Show if [se_ineligbleevent] = '1'		
Short vs. Long Data Collection Form Eligibility				
Event onset to hospital arrival (in hours) =	O <u>Yes</u> (1)	If [se_ineligible24hours] = '1' MINIMAL		
[er_hosparrivalhours]		dataset		
[er_nospartivamours]	O <u>No (2)</u> O <u>Unknown (3)</u>	Only those questions marked with an		
Did the nations arrive to beguitely 24 hours often event				
Did the patient arrive to hospital > 24 hours after event onset or last seen normal?	[se_ineligible24hours]	asterisk (*) will appear.		
onset or last seen normal?		If for the limital of the second 1, 1/2/ on for		
Charrif (Inc. inclinible 1 / devel 191 Inc. inclinible 4 / 1 1		If [se_ineligible24hours] = ''2' or [se_		
Show if ([se_ineligible14days] = '2' or [se_ineligible14days] =		ineligible24hours]=''3'		
'3') and [se_ineligiblehospoutofprov] = '2' and		FULL DATASET		
[se_ineligibleevent] = '1'		All questions will appear.		
Form status				
Complete?	ete? REDCap specific variable (drop-down menu)			
	• Incomplete (0)			
	• Unverified (1)			
• Complete (2)				
	[eligibility_complete]			

FORM 5 – EVENT DETAILS

*Patient age at time of hospital arrival:	Calculation:age REDCap equation:(datediff([bdate], [er_afrhdatetime], "y","dmy",true)) [se_gae]			
*Was the symptom ONSET witnessed by the patient or a bystander?	O Home - alone (1) O Home - with others (2) Retirement home (3) Long-term care/nursing home (4) Inpatient rehabilitation facility (5) Complex continuing care (6) Other residential facility (e.g. palliative care facility, psychiatric facility Other (e.g. homeless) (8) UTD (9) Se_residencearrfrom Yes (1) No. (2) Were the symptoms discovered upon awakesleep?			
or a bystantier.	○ UTĎ (3) [se_symptomonset]	 ○ Yes (1) ○ No (2) ○ UTD (3) [se_awakening] Show if [se_symptomonset] = '2'		
Form status				
Complete?	REDCap specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2) [event_details_complete]			

FORM 6 - INITIAL SYMPTOMS		
This section is not applicable to this patient. Proceed to next section [sd_skip]	n.	
Show if [se_ineligible24hours] = '1' Record the patient's initial symptoms from the time of event onset	to time first assessed	l in ED 1:
WEAKNESS Show if [se_ineligible24hours] = '2' or [se_ineligible24hours] = '3'	 ○ Yes (1) ○ No (2) ○ UTD (3) [sd_weakness] 	If yes, indicate side of weakness: O Left (1) O Right (2) O Bilateral (3) O UTD (4) [sd_weaknesside]
		Show if [sd_weakness] = '1'
SPEECH DISTURBANCE (including aphasia or dysarthria): Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3	○ Yes (1)○ No (2)○ UTD (3)[sd_speech]	
SENSORY SYMPTOMS: Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3'	 ○ Yes (1) ○ No (2) ○ UTD (3) [sd_senssymp] 	If yes, indicate side of sensory symptoms: Left (1) Right (2) Bilateral (3) UTD (4) [sd_senssympside]
		Show if [se_senssymp] = '1'
DYSPHAGIA: Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3'	○ Yes (1)○ No (2)○ UTD (3)[sd_dysphagia]	
MONOCULAR BLINDNESS:	○ <u>Yes</u> (1)	If yes, indicate side of monocular blindness:

Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr'3'	rs] =	○ No (2) ○ UTD (3) [sd_monocblind]	 Left (1) Right (2) Bilateral (3) UTD (4) [sd_monocblindside]
VISUAL DEFECT: Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr'3'	rs] =	○ Yes (1) ○ No (2) ○ UTD (3) [sd_fielddefect]	Show if [sd_monocblind] = '1' If yes, indicate side of monocular blindness:
GAZE DEVIATION: Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr'3'	rs] =	○ Yes (1) ○ No (2) ○ UTD (3) [sd_gaze]	Show if [sd_fielddefect] = '1' If yes, which side was the patient looking towards: O Left (1) O Right (2) O UTD (3) [sd_gazeside]
BRAINSTEM or CEREBELLAR SIGNS:		○ Yes (1)	Show if [sd_gaze] = '1'
Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr '3'	rs] =	○ No (2) ○ UTD (3) [sd_brainstem]	
SEIZURES:		○ Yes (1) ○ No (2)	
Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr' '3'	rs] =	O UTD (3) [sd_seizures]	
HEADACHES: Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3'		○ Yes (1) ○ No (2) ○ UTD (3) [sd_headache]	
OTHER COGNITIVE SYMPTOMS (e.g. confusion, memory impairment):		○ Yes (1) ○ No (2) ○ UTD (3)	
Show if [se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hr'3'	rs] =	[sd_cognitive]	
Form status			
Complete?	•	p specific variable (dro Incomplete (0) Unverified (1) Complete (2) Lsymptoms_complete]	op-down menu)

FORM 7 - INITIAL NEURO EXAM						
*Was an initial NIHSS documented at this hospital	○ <u>Yes</u> (1) ○ <u>No</u> (2) ○ <u>UTD</u> (3)	Total NIHSS score: (range is 0 to 42) [sd_nihscore]				
	[sd_nihdocument]	Show if [sd_nihdocument] = '1'				
*Was an initial CNS documented at this hospital?	O <u>Yes</u> (1) O <u>No</u> (2)	Total CNS score: (range is 0 to 11.5)				
Show if [sd_nihdocument] = '2' [sd_nihdocument] = '3'	OUTD (3) [sd_cnsdocument]	Show if [sd_cnsdocument] = '1'				
	*What was the level of consc hospital: O Alert - 3 (1)	iousness at the time of the initial assessment at this				

```
O <u>Drowsy</u> - 1.5 (2)
                                              O Unconscious – 0 (3)
                                              \bigcirc UTD -3(4)
                                              [sd_locassess]
                                              Show if [sd_cnsdocument] = '2' or [sd_cnsdocument] = '3'
                                              *Select orientation:
                                                                                 *Select speech:
                                                                                ○ Normal -1 (1)
○ Expressive deficit - 0.5 (2)
                                              ○ Oriented - 1 (1)
                                              \bigcirc Disoriented -0 (2)
                                              OUTD-1(3)
                                                                                 O Receptive deficit -0 (3)
                                              [sd_cnsorientation]
                                                                                 \bigcirc UTD -1(4)
                                                                                 [sd_cnsspeech]
                                              Show if [sd_locassess] = '1'
                                              or [sd_locassess] = '2' or
                                                                                 Show if [sd_locassess] = '1' or [sd_locassess] = '2' or
                                              [sd_locassess] = '4'
                                                                                 [sd_locassess] = '4'
                                              *Weakness - Face
                                                                                 *Weakness - Arms:
                                                                                                                  *Weakness - Legs:
                                              ○ Normal - 0.5 (1)
                                                                                 O Equal - 1.5 (1)
                                                                                                                 O Equal - 1.5 (1
                                              \bigcirc Present – 0 (2)
                                                                                 \bigcirc Unequal - 0 (2)
                                                                                                                  \bigcirc Unequal - 0 (2)
                                              \bigcirc UTD - 0.5(3)
                                                                                 OUTD - 1.5 (3)
                                                                                                                  OUTD - 1.5 (3)
                                                                                 [sd_cnsbmrarms]
                                              [sd_cnsface]
                                                                                                                 [sd_cnsbmrleg]
                                                                                 Show if [sd_cnsspeech] =
                                              Show if [sd_cnsspeech] = '1'
                                                                                                                 Show if [sd_cnsspeech] = '3'
                                              or [sd_cnsspeech] = '2' or [sd_cnsspeech] = '3' or
                                               [sd_cnsspeech] = '4'
                                              *Weakness - arm,
                                                                                 *Weakness - arm, distal:
                                                                                                                  *Weakness - leg, proximal:
                                              proximal:
                                                                                                                  O None -1.5 (1)
                                                                                 O None -1.5 (1)
                                              \bigcirc None -1.5 (1)
                                                                                 O Mild -1 (2)
                                                                                                                  O Mild -1 (2)
                                              ○ Mild -1 (2)
                                                                                 O Significant -0.5 (3)
                                                                                                                 O Significant -0.5 (3)
                                              O Significant -0.5 (3)
                                                                                 ○ Total - 0 (4)
                                                                                                                  ○ Total - 0 (4)
                                              ○ Total - 0 (4)
                                                                                 OUTD- 1.5 (5)
                                                                                                                 OUTD- 1.5 (5)
                                              \bigcirc UTD -1.5 (5)
                                                                                 [sd_cnsarmdistall]
                                                                                                                  [sd_cnslegproximal]
                                              [sd_cnsarmproximal]
                                                                                 Show if [sd_cnsspeech] =
                                                                                                                 Show if [sd cnsspeech] = '1'
                                              Show if [sd_cnsspeech] = '1'
                                                                                 '1' or [sd_cnsspeech] = '2'
                                                                                                                 or [sd_cnsspeech] = '2' or
                                              or [sd_cnsspeech] = '2' or
[sd_cnsspeech] = '4'
                                                                                 or [sd_cnsspeech] = '4'
                                                                                                                  [sd_cnsspeech] = '4'
                                              *Weakness - leg, distal:
                                              O None -1.5 (1)
                                              O Mild -1 (2)
                                              O Significant -0.5 (3)
                                              ○ Total - 0 (4)
                                              OUTD- 1.5 (5)
                                              [sd_cnslegdistal]
                                              Show if [sd_cnsspeech] = '1' or [sd_cnsspeech] = '2' or [sd_cnsspeech] = '4'
Form status
Complete?
                                                        REDCap specific variable (drop-down menu)
                                                                  Incomplete (0)
                                                                  Unverified (1)
                                                                  Complete (2)
                                                        [initial_neuro_test_complete]
```

FORM 8 - ED 1 AND IMAGING DATA ED 1 - THIS HOSPITAL (HOSPITAL WHERE PATIENT WAS ADMITTED) *Was NEUROIMAGING *Is the date and time of *Date and time of *Time from hospital arrival at ED 1 to (e.g. CT or MRI scan) neuroimaging at this hospital neuroimaging at ED 1: neuroimaging at ED 1: Calculation: completed at this (ED 1) documented? (D-M-Y H:M) minutes hospital (ED 1)? O Yes (1) [iv1_scandatetime] REDCap equation: (datediff([er_afrhdatetime],[iv1 scandate O Yes (1) \bigcirc No (2) time],"m","dmy",true) \bigcirc No (2) \circ UTD (3) Show if [iv1_scandocumented] = OUTD (3) [iv1_scandocumented] [iv1_hosparrivaltoscantime] [iv1_scan]

=	Show if [iv1_scan] = '1	1		Show if [iv1_scando	cumented] = '1'				
	onow in [ivi_seaii]			bilow if [iv 1_scallac	camencaj 1				
	*Neuroimaging tyne	at this hosn	ital (FD 1):						
	*Neuroimaging type at this hospital (ED 1): OCT head (1)								
	○ MRI brain (2)								
	[iv1_scantype]								
	Show if [iv1_scan] = '1'								
	*Neuroimaging		e evidence of an OLD	*Was there evidence of a	NEW infarction or				
	results at this hospital (ED 1):		or hemorrhage? nce of an OLD infarction nor	hemorrhage? ○ No evidence of a NEW in	farction nor				
	 No evidence of old 	hemorrha	age(1)	hemorrhage (1)					
	or new stroke (1) O Evidence of old or		of an OLD infarction (2)	O Evidence of a NEW horse					
	new stroke (2)		of an OLD hemorrhage (3) of an OLD infarction and	Evidence of a NEW hemoEvidence of a NEW infare					
	O No report (3) O UTD (4)	hemorrha		(4)					
	[iv1_scanresults]	O UTD (5) [iv1_oldstro	alzal	○ UTD (5) [iv1_newstroke]					
	Show if [iv1_scan] =				In				
	'1'	Show if [iv]	l_scanresults] = '2'	Show if [iv1_scanresults] =	:'2'				
				If new hemorrhage is the					
				questions marked with * this point onwards.	will appear from				
				If new hemorrhage and r	new infarction are				
				If new hemorrhage and new infarction are selected, all questions appear.					
		If new infa	rction, select side. Select	If new infarction, was	Enter ASPECT				
		all that app		the ASPECT score	score:				
			misphere [iv1_infarctside_1] checked, 1=checked)	reported? O Yes (1)	(range should be 0				
		□ Right h	emisphere	○ No (2)	to 10)				
			farctside_2] hecked, 1=checked)	OUTD (3)	[iv1_aspectscore]				
			llum/brainstem	[iv1_aspect]	[IV1_uspectscore]				
		[iv1_inj	farctside_3]	Show if	Show if				
		(0=unc	checked, 1=checked)	[iv1_newstroke] = '2' or [iv1_newstroke] = '4')	[iv1_aspect] = 1				
			arctside_4]	[IVI_Hewstroke] = 4)					
			necked, 1=checked)						
		Show if							
		[iv1_newstr	roke] = '2' or						
		[iv1_newsti	coke] = '4'						
		Action tag -	@NONEOFTHEABOVE = '4'						
			morrhage, select side.	If new hemorrhage, was	this referred to as a				
		Select all tl ☐ Left he		secondary hemorrhage? • Yes (1)					
		[iv1_ich	nside_1]	O No (2)					
			checked, 1=checked) lemisphere	○ UTD (3) [iv1_secondary]					
		[iv1_ ic	hside_2]						
			hecked, 1=checked)	Show if [se_ineligible24hor [iv1_newstroke] = '4'	urs] <> '1' and				
			llum/brainstem hside_3]	[IV1_Hewstroke] = 4					
		(0=unc	hecked, 1=checked)	(note this question should					
		□ UTD	hside_4]	infarction AND hemorrhag	e option is selected).				
		(0=unc	checked, 1=checked)						

	Did subsequent	Show if [iv1_newstroke] = '3' or [iv1_newstroke] = '4' Action tag - @NONEOFTHEABOVE = '4' If new hemorrhage, describe the hemorrhage. Select all that apply: Intracerebral hemorrhage [iv1_ichloc_1] (0=unchecked, 1=checked) Subarachnoid hemorrhage [iv1_ichloc_2] (0=unchecked, 1=checked) Intraventricular hemorrhage [iv1_ichloc_3] (0=unchecked, 1=checked) Petechial hemorrhage [iv1_ichloc_4] (0=unchecked, 1=checked) Subdural hemorrhage [iv1_ichloc_5] (0=unchecked, 1=checked) Show if [se_hospitalarrival24hrs] <> '1' and [iv1_newstroke] = '4' (note this question should only appear if the infarction AND hemorrhage option is selected). Which subsequent neuroimaging was Did subsequent neuroimaging sh		
	neuroimaging show an infarct or hemorrhage that was NEW compared to the initial neuroimaging? OYES.(1) ONO 2) ONO subsequent neuroimaging performed (3) OUTD [iv1_scan2] Show if [se_ineligible24hour s] <> '1' and [iv1_scan] = '1' and [iv1_newstroke] <> '3	☐ CT head [iv1_scan2t] (0=unchecl ☐ MRI brai [iv1_scan2t] (0=unchecl	ked, 1=checked) in	new infarct or new hemorrhage? No evidence of NEW infarction or hemorrhage (1) Evidence of NEW infarction (2) Evidence of NEW hemorrhage (3) Evidence of a NEW infarction AND hemorrhage (4) UTD (5) [iv1_scan2results] Show if [iv1_scan2] = 1
*Was there NEUROVASCULAR imaging done at ED 1?	ED 1 neurovascular	24hours] = '2		3') and [iv1_scanvascular] = '1' and
○ Yes (1) ○ No (2) ○ UTD (3) [iv1_scanvascular]	CT-angiogram hear (CTA) [iv1_scanvasculartype_ (0=unchecked, 1=checked)	.1]	Free text field for radiology report: [iv1_scanvasculartype_1_text] Show if [iv1_scanvasculartype(1)] = '1'	Was the CT-angiogram head and neck performed at the same time as the first CT head? O Yes (1) No (2) UTD (3) [iv1_ scanvasculartype_1_sametime] Show if (iv1_scanvasculartype(1)] = '1'

	□ CT perfusion head [iv1_scanvasculartype_2] (0=unchecked, 1=checked) Was the CT-perfusion head performed at a same time as the first CT head? ○ Yes (1) ○ No (2) ○ UTD (3) [iv1_scanvasculartype_2_sametime] Show if (iv1_scanvasculartype(2)] = '1' □ Magnetic Resonance Imaging – Angiography (MRA) [iv1_scanvasculartype_3] (0=unchecked, 1=checked) □ Cerebral angiogram (DSA catheter angiogram)							
	[iv1_scanvasculartyp] □ Carotid Dopplers [iv1_scanvasculartyp]			-				
	If CTA, MRA, or Care							
	Show if [iv1_scanvas	culartype(1)	= '1' or iv1_ Normal	scanvasculartype Mild	(3) = '1' or iv1 ₋ Moderate	scanvascul Severe	artype(5) Occlud	
			or Trace					
	Right carotid	.+1	O (1)	O (2)	O (3)	O (4)	O (5)	o (6)
	<i>[iv1_extracranialrigh</i>] Left carotid	ij	0	0	0	0	0	0
	[iv1_extracranialleft]		(1)	(2) O	(3)	(4) O	(5)	(6)
	Vertebral arteries [iv1_extracranialarte	rvl	0 (1)	(2)	(3)	(4)	O (5)	(6)
	If CTA, MRA, or cere	ebral angiogra		ted - ED1 intracr	anial vessels:			
	Show if [iv1_scanvas One No occlusion One Occupant On			scanvasculartype esent, select all	(3)] = '1' or [iv1 ₋ None	scanvascul Right	artype(4) Left] = '1' Laterality
	(1)	that apply:	•		None	Right	Leit	not
	O Arterial	Show if [iv1_						reported
	occlusion (2) [iv1_intracranial]	Intracranial		HEABOVE = 1,4' otid artery				
		[iv1_occlusio	n_ca]		(1)	(2)	(3)	(4)
	Show if [iv1_scanvasculart	Proximal mid M1) [iv1_occ		ıl artery (MCA-	(1)	(2)	(3)	(4)
	ype(1)] = '1' or			occlusion_m2]				
	[iv1_scanvasculart ype(3)] = '1' or	Distal middle	a gonobnol or	story (M2 on	(1)	(2)	(3)	(4)
	[iv1_scanvasculart	more distal)			(1)	(2)	(3)	(4)
	ype(4)] = '1'	Anterior cere			(1)			(4)
		[iv1_occlusion Posterior cere		7	(1)	(2)	(3)	<u>(4)</u> □
		[iv1_occlusio	n_pca]		(1)	(2)	(3)	(4)
		Intracranial SCA [iv1_occi		tery, PICA, AICA,	(1)	(2)	(3)	(4)
		Basilar [iv1_0		silar]				
		T6 autorial a		esent, collateral	(1)	(2)	(3)	(4)
		Good (1) Intermed Poor or a UTD (4) [iv1_occlusio	liate (2) bsent (3) nstatus]		status:			
Was a consultation with a	Which type of const		Was IV tPA	Arecommended	by the outside	neurologis	t?	
stroke team at an institution OUTSIDE of	performed? o Criticall with Tele	etroka (1)	○ Yes (1) ○ No (2)					
ED 1 (this hospital)	Criticall with reference of the control of the		\bigcirc NO (2) \bigcirc UTD (3)					
performed for this event?	(2) Without Criticall	(2)		tparecommend]				
○ Yes (1) ○ No (2) ○ UTD (3)	Without CriticallUTD (4)[er1_consulttype]	(5)						

[er1_consult]		Show if [er_consult] = '1'
	Show if [er_consult] = '1'	
Show if	Was transfer for EVT	Reason(s) for not initiating transfer to EVT centre - select all that apply:
([se_ineligible24hours] =	recommended by the outside	□ No mention of EVT in the consult and admission note [er1_noevttransfer_1]
'2' or	neurologist?	(0=unchecked, 1=checked)
[se_ineligible24hours] = '3') and [iv1_newstroke] <>	○ Yes (1) ○ <u>No</u> (2)	☐ No arterial large vessel occlusion (LVO) [er1_noevttransfer_2] (0=unchecked, 1=checked)
'3'	O UTD (3)	☐ Patient characteristics and comorbidities
3	[er1_evtrecommend]	[er1_noevttransfer_3] (0=unchecked, 1=checked)
	[er 1_ev a commenta]	☐ Mild symptoms
		[er1_noevttransfer_4] (0=unchecked, 1=checked)
		☐ Established infarct
	Show if [er_consult] = '1'	[er1_noevttransfer_5] (0=unchecked, 1=checked)
		☐ Hemorrhage
		[er1_noevttransfer_6] (0=unchecked, 1=checked)
		□ Occlusion not suitable/inaccessible (sub-occlusive, distal, atherosclerosis)
		[er1_noevttransfer_7] (0=unchecked, 1=checked)
		☐ Patient or family did not consent [er1_noevttransfer_8] (0=unchecked, 1=checked)
		□ Nearest EVT centre too far or transfer time estimated to be too long
		[er1_noevttransfer_9] (0=unchecked, 1=checked)
		Other
		[er1_noevttransfer_10] (0=unchecked, 1=checked)
		UTD
		[er1_noevttransfer_11] (0=unchecked, 1=checked)
		Show if [er1_evtrecommend] = '2'
		@NONEOFTHEABOVE='11'
	Was patient transferred to a	Mode of transportation for transfer:
	Regional or Enhanced Stroke	○ Ground-paramedics (1)
	Centre/District Stroke Centre	○ Ground-ORNGE (2)
	following the OUTSIDE	O Air-ORNGE (3)
	consultation?	OUTD (4)
	$O_{Yes}(1)$	[er1_teletransport]
	ONo (2)	
	○ UTD (3) [er1_telefollowuptransfer]	Show if [er1_telefollowuptransfer] = '1'
	jei 1_telejollowupti unsjei j	Show if [et 1_terefollowuptransfer] = 1
	Show if [er_consult] = '1'	
Did the patient undergo	Was the procedure ABANDONE	
EVT (did the patient go to		rvention is begun, but due to usually unanticipated circumstances, cannot
the cerebral angio suite)?		n, inspection, or anesthetization?
O <u>Yes</u>	O Yes (1)	
○ <u>No</u> ○ UTD	○ <u>No</u> (2) ○ UTD (3)	
[evt_performed]	[evt_abandoned]	
[evt_perjormen]	γεντ_ασαπασπεαγ	
	Show if [evt_performed] = '1'	
Show if	Date and time of arterial punctu	ıre:
([se_ineligible24hours] =	(D-M-Y H:M)	
'2' or	[evt_datetime]	
[se_ineligible24hours] =		
'3') and [iv1_newstroke] <>	Show if [evt_abandoned] = '2'	
'3'		on first angiographic run (no EVT performed)?
	O Yes (1)	
	O No (2)	
	OUTD (3) [evt_vessel]	
	[evt_vessei]	
	Show if [evt_abandoned] = '2'	
		fined as unable to reach occluded vessel?
	O No (2)	
	O Yes, unable to access ANY intrac	ranial vessel (1)

```
O Yes, unable to access the TARGET intracranial vessel (3)
○ Yes, other reasons (4)
Show if [evt_abandoned] = '2'
Date and time of final reperfusion (if not available, record end of procedure time)
          (D-M-YH:M)
[evt_reperfusedatetime]
Show if [evt_abandoned] = '2'
Final reperfusion grade:
                                   Was the patient intubated prior to EVT:
○ TICI 0 (no reperfusion) (1)
                                   ○ Yes (1)
                                  O No (2)
○ TICI 2a (<50% reperfusion) (2)
○ TICI 2b (≥50% reperfusion)
                                   O UTD (3)
                                   [evt_priorintubate]
○ TICI 2c (near complete
                                   Show if [evt_abandoned] = '2'
  reperfusion) (4)
○ TICI 3 (Complete reperfusion)
OUTD (6)
Show if [evt_abandoned] = '2'
Did patient undergo carotid
                                   Did patient undergo carotid stenting?
angioplasty?
                                   ○ Yes (1)
O Yes (1)
                                   O No (2)
\bigcirc No (2)
                                   ○ UTD (3)
O UTD (3)
                                   Show if [evt_abandoned] = '2'
Show if [evt_abandoned] = '2'
Complications - select all that apply:
□ None [evt_complications_1] (0=unchecked, 1=checked)
☐ Symptomatic intracerebral hemorrhage [evt_complications_2] (0=unchecked, 1=checked)
□ Vessel perforation [evt_complications_3] (0=unchecked, 1=checked)
☐ Vessel dissection [evt_complications_4] (0=unchecked, 1=checked)
☐ Access site hematoma, dissection, hemorrhage, or other complications [evt_complications 5] (0=unchecked,
  1=checked)
☐ Embolization in initially unaffected artery [evt complications 6] (0=unchecked, 1=checked)
☐ Unexpected cardiopulmonary arrest (code blue or urgent intubation) [evt_complications_7] (0=unchecked,
□ Other [evt complications 8] (0=unchecked, 1=checked)
☐ UTD [evt complications 9] (0=unchecked, 1=checked)
Show if [evt abandoned] = '2'
@NONEOFTHEABOVE='1.9'
Was an NIHSS documented
                                   NIHSS score: ____ (range is 0 to 40)
within 48 hours of EVT?
O Yes (1)
                                   Show if [evt_nihss24h] = '1'
\bigcirc No (2)
\circ UTD (3)
[evt_nihss48h]
Show if [evt_abandoned] = '2'
Reason(s) for not initiating EVT at EVT centre - select all that apply:
□ No mention of EVT in the consult and admission note [evt_noevt_1] (0=unchecked, 1=checked)
□ No arterial large vessel occlusion (LVO) [evt_noevt_2] (0=unchecked, 1=checked)
☐ Patient characteristics and comorbidities [evt_noevt_3] (0=unchecked, 1=checked)
☐ Mild symptoms [evt_noevt_4] (0=unchecked, 1=checked)
☐ Established infarct [evt_noevt_5] (0=unchecked, 1=checked)
☐ Hemorrhage [evt_noevt_6] (0=unchecked, 1=checked)
□ Occlusion not suitable/inaccessible (sub-occlusive, distal, atherosclerosis) [evt_noevt_7] (0=unchecked,
1=checked)
```

	☐ Post-transfer full recanalization					
	☐ Post-transfer partial recanalizat					
	☐ Patient or family did not consen		d, 1=checked)			
	☐ Other [evt_noevt_11] (0=unchec ☐ UTD [evt_noevt_12]	kea, 1=cneckea)				
	Show if [evt_performed] = '2'					
	@NONEOFTHEABOVE='12'					
Was thrombolysis (tPA)	Is the date and time of tPA	Date and time of tPA	Hospital arrival to tPA administration:			
given at ED 1?	administration documented in	administration:	Calculation: minutes			
○ <u>Yes</u> (1)	the chart?	(D-M-Y H:M)	REDCap equation =			
○ <u>No</u> (2)	○ <u>Yes</u> (1)	[er1_tpadatetime]	(datediff([er_afrhdatetime],[er1_tpadatetime],"			
O UTD (3)	O No (2)		m","dmy",true))			
[er1_tpagiven]	[er1_tpadocument]	Show if {er1_tpadocument] = '1'	[er1_tpadoortoneedle]			
	Show if [er1_tpagiven] = '1'	= 1	Show if [or1 tradecument] = '1'			
Show if	Was an NIHSS documented withi	n 48 hours after tPA?	Show if [er1_tpadocument] = '1' NIHSS score: (range is 0 to 40)			
([se_ineligible24hours] =	O Yes (1)	ii 40 iioui saitei ti A:	[er1_tpanihssscore]			
'2' or	O No (2)		Cr 1_cpaninssscore			
[se_ineligible24hours] =	O UTD (3)		Show if [er1_tpanihss] = '1'			
'3') and [iv1_newstroke] <>	[er1_tpanihss]					
'3'						
	Show if [er1_tpagiven] = '1'					
		ous hemorrhage within the	first 36 hours after tPA administration?			
	○ Yes (1) ○ No (2)					
	○ UTD (3)					
	[er1_tpableed]					
	E					
	Show if [er1_tpagiven] = '1'					
	Document reason thrombolysis	(tPA) not given (select all th	nat apply):			
	□ No reason documented [er1_tpa	noreason_1/(0=unchecked, 1=	-checked) noreason_2] (0=unchecked, 1=checked)			
	☐ Patient too mild <i>[er1_tpanoreaso</i>]	enerally > 4.5 hours)	noreason_2] (U=uncheckea, 1=checkea)			
	☐ Patient too severe [er1_tpanored	ason_4] (0=unchecked, 1=chec	ked)			
	\square Contraindication to thrombolysi	s [er1_tpanoreason_5] (0=uncl	hecked, 1=checked)			
	☐ MD decision [er1_tpanoreason_6]	[] (0=unchecked, 1=checked)	77.60			
	\Box Delay in decision to treat (despi-		panoreason_7] (0=unchecked, 1=checked)			
	☐ Uncontrolled high blood pressur					
	☐ Thrombolysis given prior to arri					
		(var ac 22 1 ye. 1_op ano. caso	10) (0 unonconcu) 1 onconcu)			
	Show if [er1_tpagiven] = '2'					
	@NONEOFTHEABOVE='1'					
*Final disposition at ED1:	O Admit to this hospital (1)					
	O Transfer to another hospital (2)					
	O Death in the ED (3) UTD (4)					
	[er1_disposition]					
ED 2 - HOSPITAL BEFOR						
	ed from an emergency department	t of another beenited	○ Voc (1)			
known as ED 2?	eu ir om an emergency department	t of another nospital,	O Yes (1) O No (2)			
Kilowii as ED 2:			[er2_transfer]			
Show if ([se ineligible24hou	nours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <>					
'3'	urs] = 2 or [se_ineligible24nours] = 3 J and [iV1_newstroke] <> To be imported from ICES admin data					
-	red from another hospital. This sect	tion does not apply to this pati	ent.			
[er2_skip]						
Show if [er2_transfer] = '2'	ad from an arrange l	t of another by mile				
This patient was transferre known as "ED 2."	ed from an emergency departmen	t of another hospital,				
MIUWII AS EU Z.						
Name of ED 2:						
VI LD HI						

PLEASE NOTE: if the chart i ED, please e-mail Anahita	indicates that the pat	ient was tran	sferred from a different		name]	Sadmin data
Show if [er2_transfer] = '1'				10 be	imported from ICES	s admin data
Mode of transport to ED 2:				O Am	vate (1) bulance (2) D (3) transportmode]	
Show if [er2_transfer] = '1'				To be	imported from ICES	S admin data
Date and time of arrival at	ED 2:				(D-M-Y H:M) afrhdatetime]	
Show if [or2 transfor] = '1'						Cadmin data
Show if [er2_transfer] = '1' Clinical severity scores at E	D 2:	Provide NIH	ISS score:		imported from ICES de GCS score:	
□ NIHSS score [er2_severirty_ (0=unchecked, 1=checked)		(Range is 0 to [er2_nihsssco		(Rang	ge is 3 to 15) gcsscore]	
□GCS score [er2_severirty_2]					·	
(0=unchecked, 1=checked) □UTD [er2_severirty_3]		Show if [er2_	_severity(1)] = '1'	Show	if [er2_severity(2)]	= '1'
(0=unchecked, 1=checked)						
Show if [er2_transfer] = '1' @NONEOFTHEABOVE='3'						
Was NEUROIMAGING (e.g. CT or MRI scan) completed at ED 2? O Yes (1) O No (2) O UTD (3) [iv2_scan]	Is the date of time of neuroimaging at ED documented? O Yes (1) O No (2) [iv2_scandocumented] Show if [iv2_scan] = 1	0 2	Date and time of neuroin at ED 2: (D-M-Y H:M) [iv2_scandatetime] Show if [iv2_scandocumen '1'		neuroimaging at minute REDCap equation	es - ndatetime],[iv2_scandat true scantime]
Show if [er2_transfer] = '1'	Neuroimaging type ○ CT head ○ MRI brain [iv2_scantype] Show if [iv2_scan] =	'1'				
	Neuroimaging results at	Was there e	vidence of an OLD infarcti	on or	Was there eviden infarction or hem	
	ED 2: No evidence of old or new stroke (1) Evidence of old or new stroke (2) No report (3) UTD (4) [iv2_scanresults]	 No evidence of hemorrhag Evidence of Evidence of hemorrhag UTD (5) 	ce of an OLD infarction nor ge(1) of an OLD infarction (2) of an OLD hemorrhage (3) of an OLD infarction and ge (4)		 No evidence of a and/or hemorrh Evidence of a NE Evidence of a NE Evidence of a NE hemorrhage (4) UTD (5) [iv2_newstroke] Show if [iv2_scann 	NEW infarction age (1) W infarction (2) W hemorrhage (3) W infarction and
	Show if [iv2_scan] = '1'	all that appl ☐ Left hemis	phere	the AS	infarction, was PECT score ed?	Enter ASPECT score:
		1=checked		O <u>Yes</u> (O No (2	2)	(range should be 0 to 10)
			tside_2] (0=unchecked,	OUTD [iv2_ast		[iv2_aspectscore]
		1=checked □ Cerebellun		Show [iv2_	if newstroke] = '2' or	Show if [iv2_aspect] = '1'

		1=checked UTD [iv2_infarconts] 1=checked Show if [iv [iv2_newst	tside_4] (0=) 2_newstrok troke] = '4'	unchecked, unchecked, te] = '2' or lect side. Selec	[iv2_nev			age, was this	
		Right he [iv2_ichs Cerebell' [iv2_ichs UTD [iv2_ichs Show if	nide_1] (0=u misphere nide_2] (0=u um/brainst nide_3] (0=u nide_4] (0=u	nchecked, 1=che nchecked, 1=che oke] = '3' or	ecked)	referr hemon O Yes (O No (O UTD fiv2_se	red as a se rrhage? (1) 2) (3) econdary]	vstroke] = '3' or	r
Was there NEUROVASCULAR		@NONE new hemo □ Intr □ Sub □ Intr □ Petr □ Sub	OFTHEABO OFTHAGE, de racerebral h parachnoid l raventricula echial hemo odural hemo	VE='4' scribe the hem nemorrhage [iv2] hemorrhage [iv2] ar hemorrhage [iv2-ich orrhage [iv2-ich] = '3' or [iv2_news	_ichloc_1] (0 _ichloc_2 (0 v2_ichloc_4] loc_5] (0=ur oc_6] (0=un)=unche)=unche] (0=unc nchecke	cked, 1=cl cked, 1=cl checked, 1 d, 1=checl	hecked) necked) =checked) ked)	
imaging done at ED 2? ○ Yes ○ No ○ UTD [iv2_scanvascular] Show if [er2_transfer] = '1'	Show if [iv2_scanvascula	nd neck	xt] Show if		perform head? ○ Yes (1 ○ No (2) ○ UTD (: [iv2_scare]	ned at the	he same t	nead and neck time as the first ametime] type(1)] = '1'	
	☐ CT perfusion head [iv2_scanvasculartype_2] ☐ Magnetic Resonance		cked, 1=che	ŕ	same tin	me as tl)) 3) nvascula	he first CT		at the
	[iv2_scanvasculartype_3] □ Cerebral angiogram ([iv2_scanvasculartype_4] □ Carotid Dopplers [iv2_scanvasculartype_5] ED 2 extracranial vess Show if [iv2_scanvasculartype_5]	(0=unched DSA cathet (0=unched (0=unched els: (if CTA rtype(1)] =	cked, 1=checked, 1=checked, 1=checked, 1=checked, 1=checked, MRA or of the control of the contro	cked) am) cked) cked) carotid doppler scanvascularty	oe(3)] = '1' o	or [iv2_s			
	Right carotid [iv2_extracranialright]	T	mal or race O (1)	Mild O (2)	Moder O (3)		O (4)	Occluded O (5)	O (6)

	Left carotid [iv2_extracranialleft]		O (1)	O (2)	o (3)	O O (5)		O (6)
	Vertebral arteries		O (1)	O (2)	O (3)	O (4)	O (5)	_
	[iv2_extracranialartery] ED 2 intracranial vesse	 s:_(if CT/	2.0		2.0	(4)	(5)) (0)
	O No occlusion (1) that	rterial o	cclusion pr	esent, select all	None	Right	Left	Laterality Not Reported
	[iv2_intracranial] Ac	tion tag - (HEABOVE = 1,4'				
		racranial i 2_ <i>occlusio</i> i	nternal card	otid artery	(1)	(2)	(3)	(4)
	[iv2_scanvasculart Pro	oximal mio		al artery (MCA-	(1)	(2)	(3)	(4)
	[iv2_scanvasculart MC			occlusion_m2]				
				rtery (M3 or	(1)	(2)	(3)	<u>(4)</u>
			<i>[iv2_occlusion fiv2_occlusion fiv2_</i>		(1)	(2)	(3)	(4)
	[iv	2_occlusio			(1)	(2)	(3)	(4)
	[ivi	2_occlusio	n_pca]		(1)	(2)	(3)	(4)
	SCA	A [iv2_occl	usion_va]	tery, PICA, AICA,	(1)	(2)	(3)	(4)
	Bas	silar <i>[iv2_c</i>	occlusion_ba	silar]	(1)	(2)	(3)	(4)
Was a consultation with a stroke team at an institution OUTSIDE of ED 2 performed for this event? • Yes (1) • No (2) • UTD (3) [er2_consult]	0 0 0 fiv.	ke (1) stroke	intracranial Was IV tPA O Yes (1) O No (2) O UTD (3) [er2_teleiv	A recommended	by the outside r	neurologis	st?	
Show if [er2_transfer] = '1'	Was transfer for EVT recommended by the ouneurologist? O Yes (1) No (2) UTD (3) [er2_teleevtrecommend] Show if [er2_consult] = '1		□ No men (0=unched □ No arte (0=unched □ Patient [er2_no □ Mild syn □ Establis □ Hemorn □ Occlusion [er2_nd □ Patient □ Nearest 1=ched □ Other [a □ UTD [en	of for not initiatination of EVT in the cked, 1=checked) rial large vessel of necked, 1=checked characteristics an evttransfer_3] (0=mptoms [er2_noevtransfer_7] (0=chage [er2_noevtransfer_7] (0=chage [er2_noevtransfer_7] (0=cked) er2_noevttransfer_1	consult and admiculation (LVO) [ellower	ecked) unchecked 0=uncheck hecked, 1= occlusive, checked) L 8] (0=unchecked) L 8] (0=unch	e [er2_no cansfer_2] , 1=check ked, 1=ch checked listal, ath checked, unchecked	evttransfer_1] red) ecked) ecked) erosclerosis)

		@NONEOFTHEABOVE='11'		
	Was the patient transferred to	Mode of transportation for	transfer:	
	a Regional or Enhanced Stroke	○ Ground-paramedics (1)		
	Centre/District Stroke Centre	○ Ground-ORNGE (2)		
	following the consultation?	○ Air-ORNGE (3)		
	O <u>Yes (1)</u>	O UTD (4)		
	O No (2)	[er2_teletransport]		
	○ UTD (3) [er2_telefollowuptransfer]			
	[erz_telejollowuptransjer]	Show if [er2_telefollowuptra	nefor] = '1'	
	Show if [er2_consult] = '1'	Show if [et 2_telefollowuptra	iisieij= 1	
Was thrombolysis (tPA)	Is the date and time of	Date and time of tPA admi	nistration	Hospital arrival to tPA
given at ED 2?	thrombolysis (tPA)	(D-M-Y H:M)	msu ation.	administration: Calculation:
○ <u>Yes</u> (1)	administration documented in	[er2_tpadatetime]		minutes
O <u>No</u> (2)	the chart?	[0.2_0pa.a0]		(datediff([er_afrhdatetime],[er2
○ UTD (3)	O <u>Yes</u> (1)	Show if [er2_tpadocument] =	= '1'	_tpadatetime],"m","dmy",true))
[er2_tpagiven]	○ No (2)			[er2_tpadoortoneedle]
	○ UTD (3)			
Show if [er2_transfer] = '1'	[er2_tpadocument]			
				Show if [er2_tpadocument] = '1'
	Show if [er2_tpagiven] = '1'			
	Was an NIHSS documented 48	NIHSS score: (range is	0 to 40)	
	hours after tPA?	[er2_tpanihssscore]		
	O <u>Yes</u> (1)	Charwif [an2 thanibas] = '1'		
	○ No (2) ○ UTD (3)	Show if [er2_tpanihss] = '1'		
	[er2_tpanihss]			
	[cr2_cpaninss]			
	Show if [er2_tpagiven] = '1'			
	Was there a complication of serio	ous hemorrhage within the f	irst 36 hours o	of tPA administration?
	○ Yes (1) ○ No (2) ○ UTD (3) [er2_tpableed]			
	Show if [er2_tpagiven] = '1'			
	Document reason tPA not given □ No reason documented [er1_tpan] □ Outside of treatment window (g □ Patient too mild [er1_tpanoreaso] □ Patient too severe [er1_tpanoreaso] □ Contraindication to thrombolysi. □ MD decision [er1_tpanoreason_6] □ Delay in decision to treat (despit) □ Not an ischemic stroke [er1_tpan] □ Uncontrolled high blood pressur Show if [er2_tpagiven] = '2' @NONEOFTHEABOVE='1'	noreason_1] (0=unchecked, 1= enerally > 4.5 hours) [er1_tpan en_3] (0=unchecked, 1=checke sson_4] (0=unchecked, 1=checket ss [er1_tpanoreason_5] (0=unchecked, 1=checked) de ED arrival < 4 hours) [er1_tpanoreason_8] (0=unchecked, 1=choreason_8] (0=u	noreason_2] (0= d) ked) necked, 1=check panoreason_7] (0 checked	ed) D=unchecked, 1=checked)
Date and time when EMS picked up patient from ED 2 to go to ED 1:	(D-M-Y H:M) [er2_emsdatetime]			
Show if [er2_transfer] = '1'				
Date and time when				
leaving ED 2:	(D-M-Y H:M)			
	[er2_leavedatetime]			
Show if	To be imported from ICES admin	lata		
[er2_transfer] = '1'	DE ED 3			
ED 3 - HOSPITAL BEFOR				
Was this patient transferre known as ED 3?	ed from an emergency department	of another hospital,	○ Yes (1)○ No (2)[er3_transfer]	
			[5 0. 0. 10] 0.]	

Show if ([se_ineligible24hour '3'	rs] = '2' or [se_ineligibl	<>				
This patient was not transfer [er3_skip]	red from another hosp	ital. This section d	oes not apply to th	is patie	nt.	
Show if [er3_transfer] = '2'						
This patient was transferre known as "ED 3."	ed from an emergency	y department of a	nother hospital,			
Name of ED 3:					[er3_name]	
Show if [er3_transfer] = '1'						
Mode of transport to ED 3: Show if [er3_transfer] = '1'					 Private (1) Ambulance (2) UTD (3) [er3_transportmode]	1
Date and time of arrival at	ED 3:				(D-M-Y H	
Show if [er3_transfer] = '1'					[er3_ afrhdatetime]	,
Clinical severity scores at E	ED:	Provide NIHSS so	core:		Provide GCS score:	
□NIHSS score [er3_severirty_1] (0=unched □GCS score	cked, 1=checked)	(range is 0 to 40) [er3_nihssscore]			(range is 3 to 15) [er3_gcsscore]	
[er3_severirty_2] (0=unched □UTD [er3_severirty_3] (0=unched		Show if [er3_seve	erity(1)] = '1'		Show if [er3_severit	y(2)] = '1'
Show if [er3_transfer] = '1'	ckeu, 1-checkeu)					
@NONEOFTHEABOVE='3' Was NEUROIMAGING (eg.	Is the date and time	\	Date and time o	F	Time from hespit	al arrival at ED 3 to
CT or MRI scan)	neuroimaging at EI		neuroimaging a		neuroimaging at I	
completed at ED 3?	documented?		3:		minutes	
○ <u>Yes</u> (1) ○ No (2)	○ <u>Yes</u> ○ No		(D-M-YH:N		REDCap equation -	datetime],[iv3_scandatetime
\bigcirc UTD (3)	[iv3_scandocumented	17	jivs_scandatetini	=1],"m","dmy",true)	uatetime],[1v3_scanuatetime
[iv3_scan]			Show if		[iv3_hosparrivaltos	cantime]
Charriffor2 transfer - 111	Show if [iv3_scan] = '	'1'	[iv3_scandocume = '1'	nted]	Charriffing agand	a avenanta di
Show if [er3_transfer] = '1'	Neuroimaging type	at ED 3 - select all	_		Show if [iv3_scande	ocumentedj = 1
	CT head [iv3_scanMRI brain [iv3_scan	type_1] (0=unchecl	ked, 1=checked)			
	Show if [iv3_scan] = '	111				
	Neuroimaging	Was there evide	nce of an OLD		Was there eviden	nce of a NEW infarction or
	results at ED 3:	infarction or her			hemorrhage?	NYTY
	No evidence of old or new	O No evidence of hemorrhage(1)	an OLD infarction i	nor	O No evidence of a hemorrhage (1)	NEW infarction and/or
	stroke (1)	Evidence of an			O Evidence of a NI	
	O Evidence of old or new stroke	O Evidence of an	OLD hemorrhage (O Evidence of a NI	EW hemorrhage (3)
	(2)	Evidence of an hemorrhage (4	OLD infarction and		O Evidence of a NI hemorrhage (4)	
	O No report (3) O UTD (4)	○ UTD (5)	J		O UTD (5)	
	[iv3_scanresults]	[iv3_oldstroke]			[iv3_newstroke]	
	Show if [iv3_scan]	Show if [iv3_scan	results] = '2'		Show if [iv3_scan	results] = '2'
	= '1'	If new infarction	ı, select side.		w infarction, was	Enter ASPECT score:
		Select all that ap ☐ Left hemisph			SPECT score	
		☐ Left hemisph		repor		(range is 0 to 10)
		(0=unchecke	d, 1=checked)	○ No	(2)	
		☐ Right hemisp		OUT	D (3) uspect]	[iv3_aspectscore]
		ivo_mjurcust	40_4	1105_0	specif -	

	□ Cereb	hemisphere chside_2] (0=unchecked, cked) ellum/brainstem chside_3] (0=unchecked, cked) chside_4] (0=unchecked, cked) 3_newstroke] = '3' or croke] = '4' THEABOVE='4' norrhage, describe the h ntracerebral hemorrhage ubarachnoid hemorrhage ntraventricular hemorrhage etechial hemorrhage [iv3]	Show if [iv3_newstroke] = '2' or [iv3_newstroke] = '4' If new hemorrhage,- v secondary hemorrhage	t apply: 1=checked) ed, 1=checked) checked)
	Show if [iv	3_newstroke] = '3' or [iv3	_newstroke] = '4'	
Was there NEUROVASCULAR		r scan type - select all th		
imaging done at ED 3?	Show if [iv3_scanva			
○ Yes ○ No ○ UTD [iv3_scanvascular] Show if [er3_transfer] = '1'	☐ CT-angiogram head and neck (CTA) [iv3_scanvasculartype_1] (0=unchecked, 1=checked) ☐ CT perfusion head	Free text field for rad [iv3_scanvasculartype_ Show if [iv3_scanvascu	1_text	Was the CT- angiogram head and neck performed at the same time as the first CT head? O Yes (1) No (2) UTD (3) [iv3_scanvasculartype _1_sametime] Show if [iv3_scanvasculartype e(1)] = '1'
	[iv3_scanvasculartype_2] (0=unchecked, 1=checked)	head? ○ Yes (1) ○ No (2) ○ UTD (3) fiv3_scanvasculartype_		

			Show	if [iv3	3_scanvascularty _l	oe(2)] = '1'			
	☐ Magnetic Resonar								
	[iv3_scanvasculartype								
		Cerebral angiogram (DSA catheter angiogram)							
		iv3_scanvasculartype_4] (0=unchecked, 1=checked)							
	☐ <u>Carotid Dopplers</u>	F1.60 1	1 14	1 1	15				
	[iv3_scanvasculartype ED 3 extracranial v					in anlantad)			
	Show if [iv3_scanvas						ccanyaccu	lartyma(5	11 – 11
	SHOW II [IV5_Scalivas	cular type(1)] -	Norm		Mild	Moderate	Severe	Occlud	
			or	_		Houerate	Severe	Occida	cu OID
			Trac						
	Right carotid		0		0	0	0	0	0
	[iv3_extracranialrigh	<i>t</i>]	(1)		(2)	(3)	(4)	(5)	(6)
	Left carotid		0		0	0	0	0	0
	[iv3_extracranialleft]		(1)		(2)	(3)	(4)	(5)	(6)
	Vertebral arteries		0 (1)		O (2)	O (3)	O (4)	O (5)	0
	[iv3_extracranialarte				` '		(4)	(3)	(6)
	ED 3 intracranial ve					•			
	 No occlusion 		cclusior	n pre	sent, select all	None	Right	Left	Laterality
	(1)	that apply:							not
	O Arterial	Charrif Fire?	interaction	an:a11	_ !2!				reported
	occlusion (2) [iv3_intracranial]	Show if [iv3_ @NONEOFT]	IIIUracra HF∆R∩V	amarj VF-'1	= Z				
	[iv3_ina acramai]	Intracranial i							
	Show if	[iv3_occlusion		caro	ciu ai tei y	(1)	(2)	(3)	(4)
	[iv3_scanvasculart			ebral	artery (MCA-				
	ype(1)] = '1' or	M1) [iv3_occi			, ((1)	(2)	(3)	(4)
	[iv3_scanvasculart	MCA-M2 occ	lusion [[iv3_o	cclusion_m2]				
	ype(3)] = '1' or				(1.10	(1)	(2)	(3)	(4)
	[iv3_scanvasculart ype(4)] = '1'	Distal middle				(1)	(2)	(3)	(4)
	ype(4)] - 1	more distal) Anterior cere			n_m3j				(4)
		[iv3_occlusion		tery		(1)	(2)	(3)	(4)
		Posterior cer		rterv					
		[iv3_occlusion		recry		(1)	(2)	(3)	(4)
				al art	ery, PICA, AICA,				
		SCA [iv3_occl				(1)	(2)	(3)	(4)
		Basilar [iv3_0	occlusion	n_bas	ilar]				
						(1)	(2)	(3)	(4)
		If arterial o	cclusion	n pre	sent, collateral s	status?			
		Good (1)Intermed	iata (2)						
		O Poor (3)	iate (2)						
		O UTD (4)							
		[iv3_occlusion	nstatus	5]					
		, <u> </u>							
		Show if [iv3_							
Was a consultation with a	Which type of const	ıltation was			tPA recommen	ded by the outs	ide neuro	logist?	
stroke team at an institution OUTSIDE of	performed?Criticall with Tele	atroleo (1)		Yes	* *				
ED 3 performed for this	o Criticall without			No (UTD					
event?	Without Criticall				eleivtparecommen	nd1			
○ <u>Yes</u> (1)	o UTD (4)		Lo	0.0_00]			
○ No (2)	[er3_consulttype]		SI	how	if [er3_consult] =	'1'			
○ UTD (3)									
[er3_consult]	Show if [er3_consult]								
Ch: (CFO)	Was transfer for EV				for not initiating				l that apply:
Show if [er3_transfer] = '1'	recommended by th	e outside			ion of EVT in the			е	
	neurologist?				vttransfer_1] (0=u ial large vessel oc		ecked)		
	○ Yes (1)			ai ter	iai laige vessel 00	ciusion (LVO)			

	1		
	○ <u>No</u> (2)	[er3_noevttransfer_2] (0=unchecked, 1=checked)	
	○ UTD (3)	☐ Patient characteristics and comorbidities	
	[er3_teleevtercommend]	[er3_noevttransfer_3] (0=unchecked, 1=checked)	
		☐ Mild symptoms [er3_noevttransfer_4] (0=unchecked	
	Show if [er3_consult] = '1'	☐ Established infarct [er3_noevttransfer_5] (0=unched	
		☐ Hemorrhage [er3_noevttransfer_6] (0=unchecked, 1	=checked)
		☐ Occlusion not suitable/inaccessible (sub-occlusive,	distal, atherosclerosis)
		[er3_noevttransfer_7] (0=unchecked, 1=checked)	
		☐ Patient did not consent [er3_noevttransfer_8] (0=un	checked, 1=checked)
		☐ Nearest EVT centre too far [er3_noevttransfer_9] (0:	=unchecked,
		1=checked)	
		□ Other [er3_noevttransfer_10] (0=unchecked, 1=checked)	cked)
		☐ UTD [er3_noevttransfer_11] (0=unchecked, 1=check	ed)
		Show if [er3_teleevtrecommend] = '2'	
		@NONEOFTHEABOVE='11'	
	Was patient transferred to a	Mode of transportation for transfer:	
	Regional or Enhanced Stroke	O Ground-paramedics (1)	
	Centre/District Stroke Centre	○ Ground-ORNGE (2)	
	following the OUTSIDE	O Air-ORNGE (3)	
	consultation?	○ UTD (4)	
	○ <u>Yes</u> (1)	[er3_teletransport]	
	○ No (2)		
	○ UTD (3)	Show if [er3_telefollowuptransfer] = '1'	
	[er3_telefollowuptransfer]		
	Show if [er3_consult] = '1'		
Was thrombolysis (tPA)	Is the date and time of tPA	Date and time of tPA administration:	Hospital arrival to
given at ED 3?	administration documented in	(D-M-Y H:M)	tPA administration:
○ <u>Yes</u> (1)	the chart?	[er3_tpadatetime]	Calculation:
○ <u>No</u> (2)	○ <u>Yes</u> (1)		minutes
○ UTD (3)	○ No (2)	Show if [er3_tpadocument] = '1'	(datediff([er_afrhdate
[er3_tpagiven]	○ UTD (3)		time],[er1_tpadatetim
	[er3_tpadocument]		e],"m","dmy",true))
Show if [er3_transfer] = '1'			[er3_doortoneedle]
	Show if [er3_tpagiven] = '1'		C1
			Show if
			[er3_tpadocument] =
	Was an NIHSS documented	NIHSS score: (range is 0 to 40)	1
	within 48 hours after tPA?	NIHSS score: (range is 0 to 40) [er3_tpanihssscore]	
	$\bigcirc \underline{\text{Yes}}(1)$	[er 3_tpuntinssscore]	
	O No (2)	Show if [er3_tpanihss] = '1'	
	O UTD (3)	Show it [et 5_tpatiniss] = 1	
	[er3_tpanihss]		
	[cro_cparimss]		
	Show if [er3_tpagiven] = '1'		
		ous hemorrhage within the first 36 hours of tPA adm	inistration?
	○ Yes (1)		
	O No (2)		
	○ UTD (3)		
	[er3_tpableed]		
	Show if [er3_tpagiven] = '1'		
	Document reason tPA not given		
	☐ No reason documented [er1_tpa	noreason_1] (0=unchecked, 1=checked)	
		enerally > 4.5 hours) [er1_tpanoreason_2] (0=unchecked	l, 1=checked)
	☐ Patient too mild [er1_tpanorease		
	☐ Patient too severe [er1_tpanored	s [er1_tpanoreason_5] (0=unchecked, 1=checked)	
	☐ MD decision [er1_tpanoreason_6		
		te ED arrival < 4 hours) <i>[er1_tpanoreason_7]</i> (0=uncheck	red, 1=checked)
	☐ Not an ischemic stroke [er1_tpai	noreason_8] (0=unchecked, 1=checked)	
		re [er1_tpanoreason_9] (0=unchecked, 1=checked)	

	Show if [er3_tpagiven] = '2' @NONEOFTHEABOVE='1'
Date and time when EMS	
picked up patient from	(D-M-Y H:M)
ED 3 to go to ED 2:	[er3_emsdatetime]
Show if	
[er3_transfer] = '1'	
Date and time when	
leaving ED 3:	(D-M-Y H:M)
	[er3_leavedatetime]
Show if	
[er3_transfer] = '1'	To be imported by ICES admin data
Form status	
Complete?	REDCap specific variable (drop-down menu)
*	• Incomplete (0)
	• Unverified (1)
	• Complete (2)
1	[ed_1_and_imaging_data_complete]

FORM 9 - ED 1 TESTS			
This section is not applicable to this particle [er1_tests_skip]	atient. Proceed to ne	ext section	
Show if [se_ineligible24hours] = '1' or [iv	1_newstroke] = '3'		
Vital signs on hospital arrival (first ava	ilable within the first 2	4 hours of seeking acute care treatment)	
Enter the systolic blood pressure (mmHG):	[er1_sbp] If blood pressure ca	nnot be found, enter 00.	
Enter the diastolic blood pressure			
(mmHG):	[er1_dbp] If blood pressure cannot be found, enter 00.		
		t 24 hours of seeking acute care treatment):	
Was INR measured?	○ <u>Yes (1)</u> ○ No (2)	Enter INR value (range is 0.5 to 20):	
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and	ONO(2) OUTD(3) [er1_inrtaken]	[er1_inr]	
[iv1_newstroke] <> '3'		Show if [er1_inrtaken] = '1'	
Was creatinine measured? Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and	○ <u>Yes</u> (1) ○ No (2) ○ UTD (3) [er1_creattaken]	Enter creatinine value (range is 20 to 2000 umol/L): [er1_creat]	
[iv1_newstroke] <> '3'	O <u>Yes</u> (1)	Show if [er1_creattaken] = '1' Enter blood glucose level (range is 0 to 60 mmol/L):	
Was blood glucose measured? Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'	O TES (1) O No (2) O UTD (3) [er1_glucosetaken]	[er1_glucose] Show if [er1_inrtaken] = '1'	
Form status			
Complete?	REDCap specific var Incomplet Unverified Complete [ed_1_tests_complete]	(2)	

FORM 10 - MEDICAL HISTORY				
*Based on documentation available in the chart, which of the following options best describes the patient's level of independence prior to stroke onset?	 Independence: Patient is fully independent in all ADLs and IADLs (1) Slight Disability: Patient is fully independent in all ADLs but is unable to carry out all IADLs (2) Moderate Disability: Patient requires help for some ADLs but remains ambulatory (with or without a cane or walker) without the assistance of another person (3) Moderately Severe Disability: Patient is unable to perform some of their ADLs, is unable to walk but can be left alone for several hours without supervision (4) Severe Disability: Patient is bedridden, incontinent and requires constant nursing care No documentation in the chart (5) 			
Is the patient currently pregnant or has she delivered within six weeks of symptom onset? Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and	[pmh_preeventindepend] O Yes (1) O No (2) O Not applicable (male patient) (3) [pmh_pregnancy]	Trimester: O First if GA 1-13 weeks (1) O Second if GA is 14-27 weeks (2) Third if GA is > 27 weeks (3) O Postpartum within six weeks [pmh_trimester]		
[iv1_newstroke] <> '3'		Show if [pmh_pregnancy] = '1'		
*Does the patient have any history of any interventions?	of the following cardiac/vascular diseas	es or No	Yes	UTD
Hypertension [pmh_hypertension]		O (2) @DEFAULT = '2'	O (1)	O (3)
Diabetes [pmh_diabetes]	O (2) @DEFAULT = '2'	O (1)	O (3)	
Dyslipidemia [pmh_dyslipidemia]	O (2) @DEFAULT = '2'	O (1)	O (3)	
CURRENT smoker or quit within the last m	nonth [pmh_smoker]	O (2) @DEFAULT = '2'	O (1)	O (3)
Previous stroke: [pmh_stroke]		O (2) @DEFAULT = '2'	O (1)	O (3)
Previous TIA (include any TIAs that imme	O (2) @DEFAULT = '2'	O (1)	O (3)	
Congestive heart failure (CHF)/pulmonary	y edema: [pmh_pulmedema]	O (2) @DEFAULT = '2'	O (1)	O (3)
Peripheral vascular disease (PVD): [pmh_r	peripheraldisease]	O (2) @DEFAULT = '2'	O (1)	O (3)
Atrial fibrillation or flutter: [pmh_atrialfib]	O (2) @DEFAULT = '2'	O (1)	O (3)	
Valve replacement: [pmh_valve]		O (2) @DEFAULT = '2'	O (1)	O (3)
Deep vein thrombosis/pulmonary embolus: [pmh_deepvein]		O (2) @DEFAULT = '2'	O (1)	O (3)
Coronary artery disease (CAD) (including interventions): [pmh_cad]	myocardial infarction, angina, or corona		O (1)	O (3)
Dementia/Alzheimer's Disease: [pmh_den	nentia]	O (2) @DEFAULT = '2'	O (1)	O (3)

Renal disease: [pmh_renal]		O (2)	O (1)	O (3)
		@DEFAULT = '2'		
Depression: [pmh_depression]		O (2)	O (1)	O (3)
		@DEFAULT = '2'		
Is the patient currently receiving	ng active investigation or treatment for cancer?	O (2)	<u>O</u> (1)	O (3)
		@DEFAULT = '2'		
		Does the patient hav O Yes (1) O No (2) O UTD (3) [pmh_metastatic] Show if [pmh_cancer]		cancer?
Form status				
Complete?	REDCap specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2) [medical_history_complete]			

FORM 11 - CONSULTS				
DO NOT COLLECT DATA: This section is no [hc_consults_skip]	t applicable to this p	patient, proceed to n	ext section	
Show if [se_ineligible24hours] = '1' or [iv1_ne	ewstroke] = '3'			
Was there an order or consult note for pall measures only? Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours]	liative/comfort	○ Yes (1) ○ No (2) ○ UTD (3) [hc_palliative]		
'3') and [iv1_newstroke] <> '3'	engible2 mours _] =			
Was a speech language pathology (SLP) assessed swallowing screen performed within 72 hearriving at this hospital? This includes been done by health care providers (e.g. nurses swallowing screen tests (e.g. TOR-BSST). Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] and [iv1_newstroke] <> '3'	ours of the patient Iside assessments) or standardized	○Yes (1) ○No (2) ○UTD (3) [hc_swallowing]	If a SLP assessment or standardized swallowing screen test (e.g. TOR-BSST) was performed, what was the result? O Pass/normal (1) Fail/dietary modification (including NPO) (2) UTD (3) [hc_swallowingscreen] Show if [hc_swallowing] = '1'	
Consultations and Assessments either in person or by teleconsult (e.g. videoconference consult). Select all that apply: Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'		□ Neurosurgery [h □ Vascular Surgery □ Rehab Medicine, □ Occupational The □ Speech Therapy □ Physiotherapy [h □ Nutrition [hc_con □ Social Work [hc_ □ None of the above	c_consult1] (0=unchecked, 1=checked) c_consult2] (0=unchecked, 1=checked) c_loconsult3] (0=unchecked, 1=checked) c_loconsult3] (0=unchecked, 1=checked) c_loconsult6] (0=unchecked, 1=checked) c_consult6] (0=unchecked, 1=checked) c_consult7] (0=unchecked, 1=checked) c_sult8] (0=unchecked, 1=checked) consult9] (0=unchecked, 1=checked) c_loconsult9] (0=unchecked, 1=checked) c_loconsult10] (0=unchecked, 1=checked)	
Form status		@NONEOFTHEABO	VE='10'	
Form status	DEDC :C	: 11 (1 1	,	
Complete?		ecific variable (drop-down menu)		
		Incomplete (0)Unverified (1)		
	Complete			

[consults_complete]

FORM 12 - IN HOSPITAL CARE		
This section is not applicable to this p [hi_skip]	atient. Proceed to nex	at section.
Show if [se_ineligible24hours] = '1' or [iv	1_newstroke] = '3'	
Was the patient intubated at any time during admission?	○ <u>Yes</u> (1) ○ No (2) ○ UTD (3) [hi_intubate]	Enter date and time of intubation: (D-M-Y H:M) [hi intubatedatetime]
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'	[mainting]	Show if [hi_intubate] = '1'
Did the patient receive a carotid endarterectomy (CEA) or carotid artery stent (CAS)?	O Yes (1) O No (2) O UTD (3) [hi_endarterectomy]	
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'		
Did the patient receive a NG tube (for feeding purposes)?	○ Yes (1) ○ No (2) ○ UTD (3)	
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'	[hi_ng]	
Did the patient spend any part of their hospital stay on a stroke unit as per special project 340?	○ <u>Yes</u> (1) ○ No (2) ○ UTD (3) [hi_strokeunit]	
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'		
Was the patient admitted to ICU within the first 48 hours of presentation to ED 1?	○ Yes (1) ○ No (2) ○ UTD (3) [hi_admitted48hrs]	
Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'		
Form status		
Complete?	REDCap specific varia	1))

FORM 13 - MEDICATI	IONS	
Was the patient on an antithrombotic agent (antiplatelet or anticoagulant) PRIOR to this event? Show if ([se_ineligible24hours] = '2' or [se_ineligible24hours] = '3') and [iv1_newstroke] <> '3'	○ Yes.(1) ○ No (2) ○ UTD (3) [ei_priorantithrombotic]	Antithrombotic agent - select all that apply: ASA (Aspirin®) [ei_prior_1] (0=unchecked, 1=checked) Clopidogrel (Plavix®) [ei_prior_2] (0=unchecked, 1=checked) Ticagralor (Brilinta®) [ei_prior_3] (0=unchecked, 1=checked) Warfarin (Coumadin®) [ei_prior_4] (0=unchecked, 1=checked) Dabigatran (Pradaxa®) [ei_prior_5] (0=unchecked, 1=checked) Rivaroxaban (Xarelto®)[ei_prior_6] (0=unchecked, 1=checked) Apixaban(Eliquis®)[ei_prior_7] (0=unchecked, 1=checked) Edoxaban (Lixiana ®) [ei_prior_8] (0=unchecked, 1=checked) Other anti-thrombotic [ei_prior_9] (0=unchecked, 1=checked) Show if [ei_priorantithrombotic] = '1'
*Was the patient discharged alive?	○ Yes (1) ○ No (2) [d_dischargealive]	*DISCHARGED on an antithrombotic agent? Select all that apply: \[\text{No } [d_meds_1] \text{ (0=unchecked, 1=checked)} \] \[\text{ASA } (Aspirin\mathbb{\mathbb{R}}) [d_meds_2] \text{ (0=unchecked, 1=checked)} \] \[\text{Clopidogrel (Plavix\mathbb{\mathbb{R}}) } [d_meds_3] \text{ (0=unchecked, 1=checked)} \] \[\text{Ticagralor (Brilinta\mathbb{\mathbb{R}}) } [d_meds_4] \text{ (0=unchecked, 1=checked)} \] \[\text{Warfarin (Coumadin\mathbb{\mathbb{R}}) } [d_meds_5] \text{ (0=unchecked, 1=checked)} \] \[\text{Dabigatran (Pradaxa\mathbb{\mathbb{R}}) } [d_meds_7] \text{ (0=unchecked, 1=checked)} \] \[\text{Rivaroxaban (Xarelto\mathbb{\mathbb{R}}) } [d_meds_7] \text{ (0=unchecked, 1=checked)} \] \[\text{Discrete Edoxaban (Lixiana\mathbb{\mathbb{R}}) } [d_meds_9] \text{ (0=unchecked, 1=checked)} \] \[\text{Low molecular weight heparin (LMWH), e.g. dalteparin (Fragmin\mathbb{\mathbb{R}}), enoxaparin (Lovenox\mathbb{\mathbb{R}}), tinzaparin (Innohep\mathbb{\mathbb{R}}) } [d_meds_10] \text{ (0=unchecked, 1=checked)} \] \[\text{Other antithrombotic } [d_meds_11] \text{ (0=unchecked, 1=checked)} \] \[\text{Show if } [d_dischargealive] = '1' } \[\text{@NONEOFTHEABOVE='1'} \]
Form status		WHONEOT THEMBOYE- I
Complete?	•	p specific variable (drop-down menu) Incomplete (0) Unverified (1) Complete (2) ations_complete]

FORM 14 - COMPLICATIONS					
This section is not applicable to this patient. Proceed to next section. [hcp_skip]					
[se_ineligible24hours] = '1' or [iv1_newstroke] = '3'					
Complications within the first 30 days at this hospital (either in the ED or while admitted):	No	Yes	UTD		
Show if ([se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3') and [iv1_newstroke] <> '3'					
Did atrial fibrillation or flutter develop at any time during hospitalization? [hcp_atrialfib]	O (2)	O (1)	O (3)		
Seizure: [hcp_seizure]	O (2)	O (1)	O (3)		
Cardiac or respiratory arrest: [hcp_cardiacarrest]	O (2)	O (1)	O (3)		
Pneumonia: [hcp_pneumonia]	O (2)	O (1)	O (3)		

		······	•		
Myocardial infarct: [hcp_mi]	O (2)	O (1)	O (3)		
External ventricular drain placement [hcp_ventricular]	O (2)	O (1)	O (3)		
Malignant edema with decompression craniectomy [hcp_edemacrani]	O (2)	O (1)	O (3)		
Malignant edema without decompressio craniectomy [hcp_edemanocrani]	n O (2)	O (1)	O (3)		
Urinary tract infection [hcp_uti]	O (2)	O (1)	O (3)		
GI hemorrhage requiring transfusion: [hcp_hemorrhage]	O (2)	O (1)	O (3)		
Excluding the presenting event, did a new stroke occur in the first 30 days at this hospital? [hcp_newstroke]	w O (2)	<u>O</u> (1)	O (3)	If new stroke, type of stroke? O Ischemic (1) O Hemorrhagic (2)	If yes, when did the new stroke occur?
Show if ([se_hospitalarrival24hrs] = '2' or [se_hospitalarrival24hrs] = '3') and [iv1_newstroke] <> '3'				OUTD (3) [hcp_stroketype] Show if [hcp_newstoke] = '1'	(D-M-Y) [hcp_stroketypedate] Show if [hcp_stroketype] = '1'
Form status					
Complete?	REDCap specific variable (c) Incomplete (0) Univerified (1) Complete (2) [complications_complete]	lrop-down men	u)		

FORM 15 - FINA	DISPOSITION
*Discharge date:	(D-M-Y)
	[d_dischdate]
*Discharge to:	O Home (1)
	Other acute care hospital (2)
	Complex continuing care, long-term care/nursing home (3)
	O Inpatient rehabilitation program or facility (4)
	Other (e.g. psychiatric facility or palliative care facility) (5) Death (6)
	[d dischargeto]
*Rankin Score at	This question will only appear if $[d_dischargealive] = 1$ (question from section 11)
discharge:	0 - No symptoms at all (1)
uisenai gei	0 1 - No significant disability despite symptoms: able to carry out all usual duties and activities (2)
	0 2 - Slight disability: unable to carry out all previous activities, but able to look after own affairs without assistance (3)
	○ 3 - Moderate disability: requiring some help, but able to walk without assistance (4)
	O 4 - Moderate to severe disability: unable to walk without assistance and unable to attend to own bodily needs
	without assistance (5)
	○ 5 - Severe disability: bedridden, incontinent, and requiring constant nursing care and attention (6)
	O Not enough data available in the chart to calculate the Rankin score (7)
	[d_rankin]
	Show if [d_dischargealive] = '1'
*What was the	O Ischemic Stroke (1)
discharge	O Intracerebral hemorrhage (2)
diagnosis?	© Transient ischemic attack (3)
uiugiiosisi	O Subarachnoid hemorrhage (4)
	○ UTD (5)
	O Non-stroke (6)
	[d_diagnosis]
Form status	
Complete?	REDCap specific variable (drop-down menu)

• Incomplete (0)
Unverified (1)
• Complete (2)
[final_disposition_complete]