

ICU: Thrombolytic		-	-		Kardex		OE = Ord N = No CESSE	otified
	ute Stroke Sympto	ms Order Set		м	к	OE	N	Initi
Admit to: Diagnosis: Precautions: D Contact D Family Physician:] Droplet 🗌 Airborne - R	eason:						
Consults Neurology Other:								
Confirm Alteplase (tPA) E	ombolytic eligibility Practice Recommendation for	or Stroke Care Altep	lase (tPA)					
Symptom Onset Time Obtain and record symptom Date of Onset:	n onset time or last time patie Time of onset or LS							
Diet \square NPO until completion of D	ysphagia Screening							
Activity ☐ Bed rest x 24hours then AA	T Elevate head of	bed to 30 degrees						
Nasogastric Tube ☐ Do not insert nasogastric tu	be							
Urinary Catheter ☐ If required, insert urinary ca	atheter prior to tPA infusion							
Titrate O_2 to achieve a target Notify RT if O_2 requirement		to 93% or	%					
 ∠ 2 IV Saline Locks □ Bolus IV 0.9% NaCl ∠ IV Fluid Maintenance 0.9% 								
 2 IV Saline Locks Bolus IV 0.9% NaCl IV Fluid Maintenance 0.9% Do not administer any medi Post Alteplase (tPA) infusion 		PA) line						
Physician Name	Physician Signatur	9	Date	Time	e			<u> </u>



ICU: Thrombolytic Therapy with Alteplase (tPA) for Inpatients	K =	MAR Kardex		N = N	der Entry otified ED (✓)
with Acute Stroke Symptoms Order Set	м	к	OE	N	Initial
Vital Signs Manual BP only, No automatic BP x 24 hours Height and Weight Weekly Weight					
 Prior to Alteplase (tPA) Infusion ⊠ Baseline T, HR, RR, BP, SpO₂ ⊠ Baseline NIHSS (Appendix C) 					
 During and Post Alteplase (tPA) Infusion 					
Neurovitals Neurovitals q15minutes x 1 hour after start of Alteplase (tPA) infusion, then Neurovitals q30minutes x 2 hours, then Neurovitals q1h x 16 hours, then Neurovitals q2h x 24 hours if stable NIHSS post Alteplase (tPA) bolus, then hour					
Prior to Alteplase (tPA) Infusion Laboratory Investigations (if not already done) CBC PTT, INR TS for 2 units packed RC x 2 Lytes, Urea, Creatinine, Glucose Blood C + S x 2 STAT Capillary Blood Glucose STAT BHCG if female of child bearing age					
Diagnostics					
Administration of Alteplase (tPA) \[No anti-coagulants, No anti-thrombotics					
(max 90 mg) To be administered as bolus dose followed by infusion in the following manner:					
\square Give infusion dose IV over 60 minutes					



	apy with Alteplase (tPA) for Ir troke Symptoms Order Set	patients		Kardex		N = No Cesse	
			М	К	OE	N	h
Laboratory Investigations \square If sudden neurological deterioration	on of Alteplase (tPA) Infusion or evidence of systemic hemorrhage Post Alt ⊠ Fibrinogen Level FIB STAT	teplase (tPA):					
Diagnostics CT 24 hours following tPA admin CXR - Reason:	nistration or if sudden deterioration in neur Query:Query: Reason:Query:	rological status					
ECG daily for 3 days - Reason:	Query: Query:						
HbA1C if diabetic and not done in	Triglycerides (12 hour fasting recomn past 30 days	nended) lucose					
 Cardiac monitor during infusion of Monitor face, tongue and orophary and with vital signs for 24 hours after 	nx for angioedema q15minutes for 1.5 hours a	ifter infusion					
 Discontinue Alteplase (tPA) AND significant bleeding new onset/worsening of headac nausea, or vomiting develop 	• significant change in neuro	•					
 Immediately notify Physician if: SBP greater than 180 or less th DBP greater than 110 or less th 5 - 10 minutes apart HR less than 50/minute RP greater than 24/minute 	an 110 mmHg an 60 mmHg for 2 or more readings taken mo	re than					
 RR greater than 24/minute T greater than 37.5°C 							



with Acute Stroke Symptoms Order Set M K 0E N M K 0E N N Antithrombotic Therapy and VTE Prophylaxis Therapy 24 hours post tPA: Contact MD for Antiplatelet Therapy and VTE Prophylaxis Orders A A A A Blood Pressure Management During and Post tPA Infusion Target SBP less than 185 mmHg and DBP less than 105 mmHg A A A A Target SBP less than 185 mmHg and DBP less than 105 mmHg mmgHg A	ICU:	Thro	•			-		for Inpatients	K =	MAR Kardex RDEF	R PRO	OE = Or N = No CESSI	otified
[▲] 24 hours post tPA: Contact MD for Antiplatelet Therapy and VTE Prophylaxis Orders [▲] 24 hours post tPA: Contact MD for Antiplatelet Therapy and VTE Prophylaxis Orders [▲] 24 hours post tPA: Contact MD for Antiplatelet Therapy and VTE Prophylaxis Orders [▲] 24 hours post tPA: Contact MD for Antiplatelet Therapy and VTE Prophylaxis Orders [↓] Target SBP less than 185 mmHg and DBP less than 105 mmHg Target SBP less thanmmHg and DBP less thanmmgHg First Choice: Labetalol 10 mg IV over a period of 2 minutes q10minutes (by MD) until target BP is reached (maximum 300 mg) (If HR less than 50 beats/minute, do not administer Labetalol) OR Enalaprilat 1.25 mg IV over 5 minutes to be administered by MD (If Labetalol is not effective, or contraindicated or DBP greater than 140 mmHg) [I target BP not achieved within one hour, notify MD to repeat Enalaprilat 1.25 mg IV OR Mitroprussidemicrograms/kg/minute IV infusion. Titrate to target BP (0.5 - 10 microgram/kg/minute) Other					KC Dy				М	К	OE	N	Initi
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Pain/Fever and Nausea Management	Second (Enalar or com If t OR Nitrop microg	orilat 1.2 traindica arget BI orusside gram/kg/	25 mg IV over ated or DBP gr P not achieved microgra /minute)	eater than 1 within one 1 ams/kg/min	40 mml hour, no ute IV i	Hg) otify MD to repeat H nfusion. Titrate to t	Enalar arget	prilat 1.25 mg IV					
 Patient to be re-assessed by Intensivist for possible transfer to Inpatient Unit using the following order set: "Acute Stroke/TIA Admission Order Set" – Form # H3135 Additional Orders: 	⊠ Acetar 4,000 1 ⊠ dimen	ninophe mg in 2 4 hy DRIN	Pain n 325 - 650 m 4 hours) NATE 25 - 50	/Fever an g PR q4h PI mg IV q4h	d Nau RN for _J PRN	isea Manageme pain or Temperature	nt	ter than 37.5°C (max					
 Patient to be re-assessed by Intensivist for possible transfer to Inpatient Unit using the following order set: "Acute Stroke/TIA Admission Order Set" – Form # H3135 Additional Orders: 				Af	ter 24	hours							
				ntensivist fo	or possi	ble transfer to Inpat		Unit using the following					
			every other day			-	-						
o	Use Do not Use	daily OD/QD	QOD	22			μg	00,00,00					



ALLERGIES

-	herapy with Alteplase (tPA	-	K =	MAR Kardex		0E = Ord N = Nd CESSE	otified
with Acu	te Stroke Symptoms Order	Set	M	к	OE	N	、 Initi
Canadian Best Practice	Appendix A: Recommendation for Stroke Ca June 2018	are tPA Eligibility					
These criteria are designed to gui these situations should be based or	al: Door-to-Needle Time: 60 minutes*** de clinical decision-making; however, the d the clinical judgment of the treating physi tential risks or contraindications should be basis.	cian. The relative benefits					
	ng disabling neurologic deficit in a patient wh of stroke symptoms) less than 4.5 hours before Appendix B						
Absolute Exclusion Criteria: Any source of active hemorrhage of alteplase administration Any hemorrhage on brain imaging	r any condition that could increase the risk of	major hemorrhage after					
Relative Exclusion Criteria: (requi	ring clinical judgement based upon the spe	cific situation)					
Historical History of intracranial hemorrhage Stroke or serious head or spinal tra Major surgery, such as cardiac, the according to procedure Arterial puncture at a non-compression 	racic, abdominal, or orthopedic in the precedi	ng 14 days. Risk varies					
Todd's paralysis or focal neurologica Hypertension refractory to aggress less than 180/105 cannot be achieved in order to minimize delays to throm	on-ischemic acute neurological condition such l signs due to severe hypo- or hyperglycemia ive hyperacute antihypertensive treatment such or maintained. Blood pressure should be treat	the that target blood pressure ted rapidly and aggressively					
CT or MRI Findings CT or MRI showing early signs of	extensive infarction						
CT or MRI Findings CT or MRI showing early signs of Laboratory Blood glucose concentration below Elevated activated partial-thrombo International Normalized Ratio gre Platelet count below 100,000 per c	plastin time ater than 1.7						
Physician Name	Physician Signature		Tim				



ALLERGIES

Appendix B: Canadian Best Practice Recommendation for Stroke Care: Endovascular Treatment Eligibility June 2018 Exclusion criteria: Age - <18 years of age - There currently is no evidence to support pediatric populations. Discuss with P - Life expectancy of less than 3 months - Functionally dependant Eligibility must be discussed with Regional Stroke Center	-	M	к	OE	N	Initia
Canadian Best Practice Recommendation for Stroke Care: Endovascular Treatment Eligibility June 2018 Exclusion criteria: Age https://www.style.com https://www.style.com Exclusion criteria: Age https://www.style.com https://www.style.com Life expectancy of less than 3 months https://www.style.com Punctionally dependant Eligibility must be discussed with Regional Stroke Center	-					
Age □ < 18 years of age – There currently is no evidence to support pediatric populations. Discuss with P □ Life expectancy of less than 3 months □ Functionally dependant	ediatric Stroke Expert					
 - < 18 years of age – There currently is no evidence to support pediatric populations. Discuss with P Life expectancy of less than 3 months Functionally dependent 	ediatric Stroke Expert					
Eligibility must be discussed with Regional Stroke Center						



ALLERGIES

		olytic Therapy wit ith Acute Stroke Sy	-		_	C	RDEF	R PRO	CESS
	••		mptoms	Jiu		м	К	OE	N
National I	nstitu	Appen te of Health Stroke S with tPA for Acute	cale (NIHSS						
			SHOKE ON						
1a. Level of Consciousness (LOC)	0 1 2 3	Alert Drowsy Stuporous Comatose	7. Best Motor RIGHT LEG	0 1 2 3	No drift Drift Some effort against gravity No effort against gravity				
1b. LOC Questions	0	Answers both questions correctly Answers one question correctly	8. Best Motor LEFT LEG	4 0 1 2 3	No movement No drift Drift Some effort against gravity No effort against gravity				
1c.	2	Answers neither question correctly Performs both tasks	9.	3 4 0	Absent (or in coma)				
IC. LOC Commands	1 2	Performs one task correctly Performs neither task correctly	9. Limb Ataxia	1 2	Present in 1 limb Present in 2 or more limbs				
2. Best Gaze	0 1 2	Normal Partial gaze palsy Forced deviation	10. Sensory	0 1 2	Normal Partial loss Dense loss (or in coma)				
3. Visual Fields	0 1 2 3	No visual loss (or in coma) Partial hemianopia Complete hemianopia Bilateral Hemianopia	11. Best Language	0 1 2 3	No dysphasia Mild Severe dysphasia Mute				
4. Facial Palsy	0 1 2 3	Normal Minor Partial Complete	12. Dysarthria	0 1 2	Normal articulation Mild – moderate dysarthria Unintelligible or worse				
5. Best Motor RIGHT ARM	0 1 2 3 4	No drift Drift Some effort against gravity No effort against gravity No movement	13. Neglect	0 1 2	No neglect (or in coma) Partial neglect Complete neglect				
6. Best Motor LEFT ARM	$\begin{array}{c} 0\\1\\2\\3\\4\end{array}$	No drift Drift Some effort against gravity No effort against gravity No movement	NIHSS Total Score						