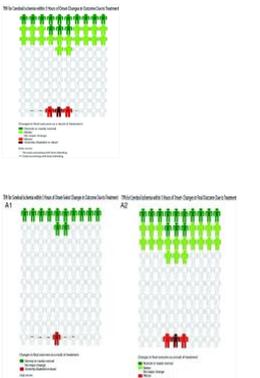


Table of Contents							
<p>Medication safety - Epinephrine</p> 	<ul style="list-style-type: none"> While epinephrine is a life-saving drug for anaphylaxis and cardiac arrest, numerous adverse outcomes associated with epinephrine administration error have been reported nationally (eg., hypertension, paradoxical hypotension, tachydysrhythmias, myocardial injury, even death). When verbal orders are required (eg., in the emergency case), clear communication of medication orders should be established without assuming that team members already know the appropriate dose and route for the intended treatment. To decrease the potential of misunderstanding, verbal orders should be repeated back (right patient, right drug, right dose, right route, right concentration, etc.) between providers and recipient of the verbal order. Epinephrine is one of code drugs routinely stocked in two different concentrations in hospital <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Indication</th> <th style="text-align: left;">Appropriate epinephrine dose/concentration for adult</th> </tr> </thead> <tbody> <tr> <td style="color: red;">Anaphylaxis</td> <td>0.3-0.5 mg IM using 1mg/mL ampule</td> </tr> <tr> <td>Cardiac arrest</td> <td>1 mg IV push using 1mg/10 mL prefilled syringe <i>If not available (on shortage), use Epinephrine Kits and follow written instructions to make 1mg/10 mL syringe</i></td> </tr> </tbody> </table>	Indication	Appropriate epinephrine dose/concentration for adult	Anaphylaxis	0.3-0.5 mg IM using 1mg/mL ampule	Cardiac arrest	1 mg IV push using 1mg/10 mL prefilled syringe <i>If not available (on shortage), use Epinephrine Kits and follow written instructions to make 1mg/10 mL syringe</i>
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<p>tPA for Acute Ischemic Stroke</p> 	<ul style="list-style-type: none"> A quick reference sheet for tPA contraindications and BP requirement/goals for Before, During or After tPA is included in Pink Stroke Packets. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #c00000; color: white;">tPA (Alteplase) Contraindications</th> <th style="background-color: #0056b3; color: white;">Blood Pressure Management</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> Mild non-disabling stroke (NIHSS score 0-5) Acute head trauma (posttraumatic infarction during acute in-hospital phase) Acute intracranial hemorrhage on imaging </td> <td style="vertical-align: top;"> <p>BP must be < 185/110 mm Hg to INITIATE tPA</p> <ul style="list-style-type: none"> BP meds <ul style="list-style-type: none"> Labetalol 10-20 mg IV over 1-2 minutes: may repeat </td> </tr> </tbody> </table> <ul style="list-style-type: none"> Is patient on anticoagulant therapy at home? tPA is contraindicated if patient has received a dose of DOAC (eg., Eliquis, Xarelto) within 48 hrs (assuming normal renal function and clearance). For patient with warfarin use, INR >1.7 is contraindicated for tPA. Need visual decision aids to help patients and families assess benefits and risks of tPA? https://www.ahajournals.org/doi/full/10.1161/STROKEAHA.109.566935 	tPA (Alteplase) Contraindications	Blood Pressure Management	<ul style="list-style-type: none"> Mild non-disabling stroke (NIHSS score 0-5) Acute head trauma (posttraumatic infarction during acute in-hospital phase) Acute intracranial hemorrhage on imaging 	<p>BP must be < 185/110 mm Hg to INITIATE tPA</p> <ul style="list-style-type: none"> BP meds <ul style="list-style-type: none"> Labetalol 10-20 mg IV over 1-2 minutes: may repeat 		
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<p>Other Notes</p>	<ul style="list-style-type: none"> ED's Narcan Take Home Program: SW Foundation grants are available for ED's bedside Narcan distribution for opioid overdose patients. Consider writing outpatient Narcan Rx early, if possible. Please do not wait until patient is ready to discharge. Pharmacy needs time to process orders and send meds to ED. Heparin Protocol in EPIC: Which one to order, anti-Xa or APTT monitoring? SW pharmacy uses anti-Xa monitoring for heparin infusions. However, pharmacy will use PTT based heparin protocol initially (eg, day 1-3) if patient was on DOAC such as Eliquis or Xarelto at home because those drugs interfere with heparin anti-Xa level monitoring by causing falsely elevated level. Need free coupons to prescribe DOAC for patients? Here are the links Eliquis https://mprsetrial.mckesson.com/6822/home.html?src=SWEDISHCH Xarelto: Trial Offer Card - XARELTO (trialcard.com) 						