

ADULT SURGICAL CRITICAL CARE IV DRIP REFERENCE SHEET

Abstract

Medication	Classification	Dilution	Initial Dose	Maintenance/Titration Dose	Indication	Precautions/Contraindications
Alteplase tPA (Vasc Surg Only) 	Fibrolytic Agent	10mg/250ml NS Or Dial infusor 5mg/250ml NS 2 bags	Set Pump to 1.6408 to get correct dosing parameters	Main: 1mg/hr Or 0.5mg/hr for each bag on dial infusion. Discontinue may be halted or stopped for low Fibrinogen level	Catheter directed thrombolysis	- Side effects: Bleeding, Pulmonary embolism, Fat embolism, Angiodema - Must be connected to the inner catheter of the sheath for direct clot administration and not the sideport. - Recommened Fibrinogen level Q6h. Goal Fibrinogen >200
Amiodarone Cordarone Tx & prophylaxis of VT/VF/VT 	Antiarrhythmic Group III	Load: 150mg in 100ml D5W Main: 450mg in 250ml D5W  Use 0.2 µg/kg/hr	Load: 150mg over 10min - rapid loading infusion P Main: 360mg in 250ml 1mg/min/hr bag	Main: 1mg/min x 10hrs Then, 0.5mg/min x 18hrs. May be continued at this rate for up to 2 - 3 weeks.	- Tx of VT/VF/VT - Prophylaxis of frequently occurring VF and hemodynamically unstable VT refractory to other therapy	- Has a long half-life; drug interactions may persist long after drug is discontinued; monitor serum levels - Hypotension, Arrhythmias, AEDs, Cardiac arrest, Cardiogenic shock, CHF, Hepatotoxicity - Contraindicated in 2nd or 3rd degree block
Argatroban 	Direct Thrombin Inhibitor	50mg/250ml NS		Main: 0.5 – 1mg/kg/min	Hepatic induced thrombocytopenia (HIT)	- Side effects: Bleeding, CVA symptoms, CP, back pain, SOB - Lower doses required with hepatic impairment. - Check PTT Q6h until 2 therapeutic, then daily. Goal PTT 45-90
Cisatracurium Nimblex 	Neuromuscular Blocking agent	20mg/200ml NS, D5W	1mg/kg/min (arterial muscle relaxation) * Establish a baseline TPC prior to initiating this medication.	After effectively blocked, decrease to 1-2mg/kg/min Monitor TPC switches with a nerve stimulator Q4hr Dose range: 0.5 – 10mg/kg/min Average dose: 1mg/kg/min	Relax skeletal muscles during mechanical ventilation, metabolized by a process that mostly bypasses the kidney and liver.	- To be ONLY used on mechanically ventilated pt's - Has no analgesic properties. - Side effects: Bradycardia, hypotension.
Clevidipine Clevertip 	Antihypertensive Ca Channel Blocker	2mg in 50ml NS or 100ml Isolyte	1 – 2 mg/hr	Main: 4 mg/hr May titrate Q2hrs until goal achieved Max: 12mg/hr	- Hypertension or elevated MAP - Arterial vasodilating agent.	- Side effects: HA, NY, tachycardia, A-Fib, renal failure, elevated triglycerides - Obtain baseline Trig. Level, monitor Q4hr Change bag & tubing Q12hrs
Dexmedetomidine Precedex 	Alpha-2 Adrenergic Agonist Sedative	200mcg/50ml NS	0.2 mcg/kg/hr Do Not Bolus	Main: 0.2 – 1.4 mcg/kg/hr Titrate infusion by increments 0.1mcg/kg/hr Q15mins	Sedation for mechanically ventilated and non intubated pt's	- Consider dose reduction for hepatic or renal impairment - Bradycardia and Hypotension
Diltiazem Cardizem 	Antihypertensive Calcium Channel Blocker	0.5mg/25ml in 100ml D5W or NS for 0.1 solution	Bolus: 0.15mg/kg over 1min	If no effect in 15min, bolus with 0.3mg/kg over 2min. Then, start an infusion of 0.5-1mg/hr for 24hr Max dose: 15mg/hr <4hrs	Temporary control of RVR in A-Fib, A-Flutter, PSVT, HTN, Angina.	- Short term use, "Valuable Maneuver 1" - May cause AVB, Hypotension, CHF, Bradycardia, Flushing - Contraindicated in Sick Sinus Syndrome or AVB, 2nd or 3rd degree SB, AAI
Dobutamine Dobutrex 	Inotropic Adrenergic Cardiac Stimulant	Pre-mixed: 500mg/250ml D5W  pre-filled	1mg/kg/min	Main: 2 – 20mg/kg/min Adjust rate at 2-5minute intervals	Cardiac decompression resulting from depressed contractility. Low output state	- Caution in MI - Correct hypovolemia before starting - May cause HTN, Arrhythmia

 = Cardiac
  = Hypotension
  = Hypertension
  = ICP
  = Paralytic
  = Sedative
  = Analgesic
  = Use Control Line
  = Use Micros Filter

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Ready Reference For Critical Care Drugs With Nursing Care Plans

Ensheng Dong



Ready Reference For Critical Care Drugs With Nursing Care Plans:

The book delves into Ready Reference For Critical Care Drugs With Nursing Care Plans. Ready Reference For Critical Care Drugs With Nursing Care Plans is a crucial topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Ready Reference For Critical Care Drugs With Nursing Care Plans, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Ready Reference For Critical Care Drugs With Nursing Care Plans
 - Chapter 2: Essential Elements of Ready Reference For Critical Care Drugs With Nursing Care Plans
 - Chapter 3: Ready Reference For Critical Care Drugs With Nursing Care Plans in Everyday Life
 - Chapter 4: Ready Reference For Critical Care Drugs With Nursing Care Plans in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, the author will provide an overview of Ready Reference For Critical Care Drugs With Nursing Care Plans. The first chapter will explore what Ready Reference For Critical Care Drugs With Nursing Care Plans is, why Ready Reference For Critical Care Drugs With Nursing Care Plans is vital, and how to effectively learn about Ready Reference For Critical Care Drugs With Nursing Care Plans.
 3. In chapter 2, the author will delve into the foundational concepts of Ready Reference For Critical Care Drugs With Nursing Care Plans. This chapter will elucidate the essential principles that need to be understood to grasp Ready Reference For Critical Care Drugs With Nursing Care Plans in its entirety.
 4. In chapter 3, the author will examine the practical applications of Ready Reference For Critical Care Drugs With Nursing Care Plans in daily life. This chapter will showcase real-world examples of how Ready Reference For Critical Care Drugs With Nursing Care Plans can be effectively utilized in everyday scenarios.
 5. In chapter 4, this book will scrutinize the relevance of Ready Reference For Critical Care Drugs With Nursing Care Plans in specific contexts. The fourth chapter will explore how Ready Reference For Critical Care Drugs With Nursing Care Plans is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, this book will draw a conclusion about Ready Reference For Critical Care Drugs With Nursing Care Plans. This chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Ready Reference For Critical Care Drugs With Nursing Care Plans.

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