



Pharmacologic Action — Stabilizes nematocyst discharge in non-United States jellyfish thus decreasing pain

Indications — Pain control for jellyfish envenomation (outside of the United States (US))

Contraindications — May increase nematocyst discharge for US jellyfish and therefore should be used outside of the US only

Acetylcysteine

Name—Mucomyst®, Acetadote®

Class — Antidotes, other

Pharmacologic Action—Acts as sulfhydryl group donor to restore liver glutathione; may also scavenge free radicals to prevent delayed hepatotoxicity as antioxidant; encourages sulfation pathway of metabolism for acetaminophen

Indications — Antidote for acetaminophen overdose

Contraindications — Acute asthma

WARNING: Nausea and vomiting are common adverse effects following the oral administration of acetylcysteine

Activated Charcoal

Name — Actidose-Aqua®

Class — Antidotes, other

Pharmacologic Action—Adsorbs a variety of drugs and chemicals (e.g., physical binding of a molecule to the surface of charcoal particles); desorption of bound particles may occur unless the ratio of charcoal to toxin is extremely high

Indications — Overdose and poisoning

Contraindications — Unprotected airway (beware of aspiration), caustic ingestions, intestinal obstruction

Adenosine

Name — Adenocard®

Class — Antidysrhythmics

Pharmacologic Action—Slows conduction through AV node and interrupts AV reentry pathways, which restore normal sinus symptoms

Indications — Conversion of regular, narrow complex tachycardia – stable supraventricular tachycardia (SVT) or regular, monomorphic wide complex tachycardia

Contraindications — Hypersensitivity, second- or third-degree AV Block (except those on pacemakers), sick sinus syndrome, atrial flutter or fibrillation, ventricular tachycardia

Albuterol

Name — Proventil®, Ventolin®, Proair®, Accuneb®

Class — Beta-2 agonist

Pharmacologic Action — Beta-2 receptor agonist with some beta-1 activity; relaxes bronchial smooth muscle with little effect on heart rate

Indications — Bronchospastic lung disease

Contraindications — Hypersensitivity, tachycardia secondary to heart condition

Amiodarone

Name — Pacerone®, Cordarone®, Nexterone®

Class — Class III antidysrhythmics