

EPINEPHRINE HYDROCHLORIDE INJECTION (Adrenalin)

CLASSIFICATION

Beta Adrenergic Stimulator

ACTION

Alpha and Beta adrenergic effects:

1. Increases force of cardiac contraction
2. Increases pulse rate and systolic blood pressure
3. Increases conduction velocity through the A-V node
4. Increases irritability of ventricles
5. Dilates bronchi

INDICATIONS

1. As a cardiac stimulant during a cardiac arrest
2. Anaphylactic shock
3. Severe allergic reactions
4. Status asthmaticus (subcutaneously)

CONTRAINDICATIONS

1. Chest pain accompanied by ectopic beats or tachycardia's

USE WITH CAUTION

1. Bronchial asthma and significant emphysema, when patients may also have congestive heart disease

ADVERSE EFFECTS TO OBSERVE FOR AND REPORT TO THE PHYSICIAN

1. Hypertension
2. Supraventricular tachycardia
3. Ventricular arrhythmias:
 - a. Premature Ventricular Contractions
 - b. Ventricular tachycardiac.
 - c. Ventricular fibrillation