



Adenosine

MEDICATION REFERENCE CARD

INDICATION	<ul style="list-style-type: none"> Narrow Complex Tachycardia PSVT Including PSVT associated with WPW (Wolff-Parkinson-White syndrome).
CONTRA-INDICATION	<ul style="list-style-type: none"> 2nd- or 3rd-degree atrioventricular (AV) block A-Fib, A-Flutter, Wide-Complex Tachycardia Sick Sinus Syndrome Stimulant induced tachycardia Poisoning induced Tach
SIDE EFFECTS	<ul style="list-style-type: none"> Arrhythmias Facial flushing Bronchospasm Chest pressure Nausea Conduction delay (asystole) for several seconds
ADULT DOSE	<p>C-06: Supraventricular Tachycardia</p> <ul style="list-style-type: none"> Initial: 6mg rapid IV bolus over 1-2 sec Repeat Administration: If not converted to sinus rhythm w/in 1-2 min, give 12 mg rapid IV bolus over 1-2 sec. Follow each bolus w/ a rapid saline flush
PEDIATRIC	<ul style="list-style-type: none"> See Pediatric Medication Reference Cards
CAUTION	<ul style="list-style-type: none"> May produce short-lasting 1st-, 2nd-, or 3rd-degree heart block; institute appropriate therapy PRN. Do not give additional doses if high-level block develops on 1st dose. Caution w/ obstructive lung disease not associated w/ bronchoconstriction (e.g., emphysema, bronchitis). Caution w/ bronchoconstriction/ bronchospasm (e.g., asthma). D/C if severe respiratory difficulties develop. Caution in elderly. Does not convert A-fib/flutter, or ventricular tachycardia to normal sinus rhythm. A transient modest slowing of ventricular response may occur immediately following administration in the presence of A-fib/flutter.
ACTIONS	<ul style="list-style-type: none"> Endogenous nucleoside; slows conduction time through AV node, can interrupt reentry pathways through the AV node, and can restore normal sinus rhythm in patients with PSVT, including PSVT associated w/ Wolff-Parkinson-White syndrome.
GUIDELINE	<ul style="list-style-type: none"> C-06: Supraventricular Tachycardia P-07: Pediatric Symptomatic Tachycardia