

STREPTOKINASE

Streptase

PHARMACOLOGIC CLASSIFICATION:

- plasminogen activator

THERAPEUTIC CLASSIFICATION:

- thrombolytic

MECHANISM OF ACTION:

- forms a complex with plasminogen
- converts plasminogen to plasmin
- plasmin lyses fibrin clot

EFFECT:

- dissolves thrombi or emboli in the setting of acute MI

INDICATIONS:

- used to dissolve clots in coronary arteries after acute MI

DOSAGE:

- 1,500,000 I.U. (international units) by IV infusion over 60 minutes

CONTRAINDICATIONS:

- recent internal bleeding
- CVA within 60 days
- severe hypertension
- active ulcerative colitis
- recent history of strep throat

SIDE EFFECTS:

- hypotension
- hypertension
- reperfusion arrhythmias
- spontaneous bleeding
- nausea/vomiting

COMMENTS:

- produced from streptococci