PROTAMINE SULPHATE

DESCRIPTION
Combines with Heparin forming a stable salt complex. The effect on heparin is almost immediate and persists for approximately 2 hours.

USE
Reversal of heparin overdose.

PRESENTATION
50mg/5ml ampoule.

DOSE
1mg of protamine sulphate for every 100U of heparin given in the last 4 hours.

ROUTE
IV bolus
IM

ADMINISTRATION
Dilute protamine sulphate with equal part of 0.9%sodium chloride then slow IV bolus injection using the proximal IV bung.

STORAGE
Refrigerate! Discard unused portion.

MONITORING
Continuous cardio-respiratory and continuous invasive blood pressure monitoring or 15 minute non-invasive blood pressure monitoring for 2 hours. Monitor clotting functions. Observe for bleeding.

ADVERSE EFFECT
Excessive administration to reverse heparin overdose may have an anticoagulant effect. May cause fall in blood pressure and bradycardia.

SOLUTION COMPATIBILITY
5%dextrose, 0.9%sodium chloride

TERMINAL INJECTION SITE COMPATIBILITY
cimetidine, ranitidine.

INCOMPATIBILITY
cephalosporins, penicillin

REFERENCE