

PROTAMINE

ACTIONS AND USES

Protamine combines with heparin to form an inactive complex. It is used as an antidote for excessive heparin administration.

DOSAGE

1mg per 100 units Heparin given within last 15 minutes. Reduce if more than 15 minutes. For example 0.5mg per 100 unit Heparin given approx 30 minutes ago. Up to 50mg per dose.

ADMINISTRATION

By short infusion over 10 minutes.

RECONSTITUTION

Protamine is available as a solution containing 10mg/ml in a 10ml ampoule. Reconstitution is not necessary but dilute if volume is less than 0.1ml.

Protamine 1mg/ml

Add 1ml Protamine 10mg/ml to 9ml sodium chloride 0.9% and mix well.

Other Compatible Diluent

glucose 5%

INCOMPATIBILITIES

Do not mix or infuse with any other drugs.

STORAGE

Opened ampoules should be discarded immediately. Do not store diluted solutions. The unopened ampoules are stored in the medicines cupboard in the drug treatment room. Do not refrigerate.

MONITORING

Monitor blood clotting, blood pressure for hypotension, heart rate for bradycardia and respiration. Flushing may occur and allergic reactions.