# Dexmedetomidine

## Usual Diluents

| NS, D5W, LR. |

## Reconstitution

Dexmedetomidine injection concentrate (100 mcg/mL) must be diluted in 0.9% sodium chloride solution to achieve the required concentration (4 mcg/mL) prior to administration. Add 2 mL (200 mcg) of dexmedetomidine to 48 mL of 0.9% sodium chloride for a total volume of 50 mL (4 mcg/mL).

## Administration

Administer using a controlled infusion device. Advisable to use administration components made with synthetic or coated natural rubber gaskets. Parenteral products should be inspected visually for particulate matter and discoloration prior to administration. If loading dose used, administer over 10 minutes; may extend to 20 minutes to further reduce vasoconstrictive effects. Titration no more frequently than every 30 minutes may reduce the incidence of hypotension when used for ICU sedation.

## Stability / Miscellaneous

Store at controlled room temperature of 25°C (77°F); excursions permitted to 15°C to 30°C (59°F to 86°F).