

## Cyclophosphamide

### Usual Diluents

D<sub>5</sub>W, LR, NS.

### Reconstitution

# For I.V. push, reconstitute with normal saline (NS) to a concentration of 20 mg/mL.

# For I.V. infusion, reconstitute with sterile water or NS to a concentration of 20 mg/mL.

### Standard Dilution [Amount of drug] [Infusion volume] [Infusion rate]

[Doses ≤1 gram] [100 mL NS] [ 15 minutes]

[Doses 1000 - 2000 mg] [250mL NS] [ 30 minutes]

[Doses >2000mg] [250-500mL ] [30-60 minutes]

[High dose (2000 mg/m<sup>2</sup> or greater)] [1000 mL NS] [over 1 to 4 hours]

Note: # For I.V. push, reconstitute with normal saline (NS) to a concentration of 20 mg/mL. # For I.V. infusion, reconstitute with sterile water or NS to a concentration of 20 mg/mL.

After reconstitution dilute for infusion in D<sub>5</sub>W, 1/2NS or D<sub>5</sub>NS.

#### **Administration:**

Slow IVP (doses ≤1 gram): Cyclophosphamide should be prepared for parenteral use by adding 0.9% sterile sodium chloride solution if injected directly.

IVPB or continuous intravenous infusion: I.V. infusions may be administered over 1 to 24 hours. Doses >500 mg to approximately 2 grams may be administered over 20-30 minutes.

### Stability / Miscellaneous

Injection powder for reconstitution: Store intact vials of powder at room temperature of 25°C (77°F). Reconstituted solutions in normal saline (NS) are stable for 24 hours at room temperature and for 6 days refrigerated at 2°C to 8°C (36°F to 46°F).

Solutions diluted for infusion in 1/2NS are stable for 24 hours at room temperature and for 6 days refrigerated; solutions diluted in D<sub>5</sub>W or D<sub>5</sub>NS are stable for 24 hours at room temperature and for 36 hours refrigerated.