



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
pentastarch

Effective Date: Dec 2012

Revised Date: Nov13-2013

CLASSIFICATION
**Plasma Volume
Expander**

OTHER NAMES
Pentaspan

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ADMINISTRATION POLICY:

IV Infusion - May be administered by a nurse

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 10% solution is normal saline, 250 mL and 500 mL IV bags

IV Infusion: Undiluted, discard unused portions

DOSAGE:

Usual: 500 to 2000 mL

Maximum daily dose: 2000 mL/day or approximately 28 mL/kg/day. In acute hemorrhagic shock, an administration rate approaching 20 mL/kg/hour may be used.

STABILITY/COMPATIBILITY:

Compatibility: Compatible with normal saline and D5W

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Coagulation disorders or hemorrhage
- Headache diarrhea, nausea, weakness, temporary weight gain, insomnia, fatigue, fever, edema, paresthesia, acne, malaise, dizziness, chest pain, chills, anxiety, increased heart rate.

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Do not administer if solution discoloured, turbid, or if crystalline precipitate is present
- Read expiration date before administering
- Use with caution when risk of CHF/pulmonary edema is high and in impaired renal function.
- Infuse using a standard IV set. Filtration is not required.