

36 albumin, human

Decrease: phosphate

NURSING CONSIDERATIONS

Assess:

- Range of motion, area of pain and inflammation in joints baseline and periodically during treatment
- For allergies to aspirin, sulfonamides, NSAIDs. Patients with these allergies should not receive this product
- **For skin rash during treatment, rare but may be fatal; toxic epidermal necrolysis, Stevens-Johnson syndrome may occur during or after treatment**
- I&O, daily weight
- **Heart failure: increased weight, jugular vein distention, crackles, peripheral edema**
- For compliance with amount of refills

Evaluate:

- Therapeutic response: decreased joint pain, tenderness, inflammation; decreased B/P, increased activity tolerance

Teach patient/family:

- To take as prescribed, not to skip or double doses
- How to take B/P, pulse correctly; to contact prescriber if B/P is <50 bpm; instruct caregivers also; to report extra swelling of hands, feet
- To change positions slowly to minimize orthostatic hypotension
- To avoid driving, other hazardous activities until response is known; dizziness may occur
- To obtain good dental care; gingival hyperplasia may occur
- **GI toxicity: To report to prescriber abdominal pain, black tarry stools; hypersensitivity: skin rash; or edema, chest pain occur**
- **Pregnancy/breastfeeding: to notify health care provider if pregnancy is planned or suspected, or if breastfeeding**
- To notify all health care providers of all OTC, Rx, herbals, and supplements taken; not to start new products unless approved by prescriber

- To comply with other regimens, including weight loss, exercise

RARELY USED

albumin, human 5% (Rx)

(al-byoo'min)

Albumarc, Albuminar-5, Albutein 5%, Buminate 5%, Plasbumin-5
albumin, human 25%

Albuminar-25, Albutein 25%, Buminate 25%, Plasbumin-25

Func. class.: Plasma volume expander

USES: Restores plasma volume after burns, hyperbilirubinemia, shock, hypoproteinemia, prevention of cerebral edema, cardiopulmonary bypass procedures, ARDS, nephrotic syndrome

CONTRAINDICATIONS: Hypersensitivity, HF, severe anemia, renal insufficiency, pulmonary edema

DOSAGE AND ROUTES

Burns

- **Adult: IV** dose to maintain plasma albumin at 3-4 mg/dL

Hypovolemic shock

- **Adult: IV** rapidly give 5% sol, when close to normal, infuse at $\leq 2-4$ mL/min (25% sol ≤ 1 mL/min)
- **Child: IV** 0.5-1 g/kg/dose 5% sol, may repeat as needed, max 6 g/kg/day

Nephrotic syndrome

- **Adult: IV** 100-200 mL of 25% and loop diuretic $\times 7-10$ days

Hypoproteinemia

- **Adult: IV** 25 g, may repeat in 15-30 min, or 50-75 g of 25% albumin infused at ≤ 2 mL/min
- **Child and infant: IV** 0.5-1 g/kg/dose over 2-4 hr, may repeat q1-2days

Hyperbilirubinemia/erythroblastosis fetalis

- **Child: IV** 1 g/kg 1-2 hr before transfusion