

Dextrose

Classification

Carbohydrate substrate

Indications

■ PCP: Suspected or known hypoglycemia

Contraindications

None noted

Adult dosages

■ PCP: Suspected or known hypoglycemia

- 10-25 g IV (equivalent to 100-250 mL of D10W solution)

Pediatric Considerations And Dosing

[Follow weight-based dosing.](#)

■ PCP: Suspected or known hypoglycemia

- 5 mL/kg D10W IV
- May repeat once

Mechanism Of Action

Provides an immediate source of glucose and water to nutrient-deficient cells. Causes transient osmotic diuresis.

Pharmacokinetics

Intravenous administration:

- Onset: immediate
- Peak: immediate
- Half-life: unknown and variable
- Duration: unknown and variable

Adverse Effects

Extravasation of glucose solutions can cause tissue necrosis.

Warning And Precautions

Consider consultation with ClinicaCall if intracerebral hemorrhage is suspected.

