

Glucose

【IG5】5% Glucose (Glucose Injection 5%®) 500mL/Bot *ATC Code : B05BA03*

中文名：葡萄糖注射液 5% 《永豐化學》

適應症：因罹急性傳染病等缺乏水份時、因出血過多致營養失調、因有持久的營養障礙。

【IG250】化療專用 5%Glucose (Glucose Injection 5%®) 250mL/Bag

ATC Code : B05BA03

中文名：葡萄糖注射液 5% 《永豐化學》

適應症：因罹急性傳染病等缺乏水份時、因出血過多致營養失調、因有持久的營養障礙。

【IG5GV】5% Glucose(玻璃瓶) (Vitagen Injection 5%®) 500mL/Bot

ATC Code : B05BA03

中文名：美達研注射液 《信東》

適應症：因罹急性傳染病等缺乏水份時、因出血過多致營養失調、因有持久的營養障礙。

【IG520】復建用 5% Glucose (Vitagen Injection 5%®) 20mL/Amp *ATC Code : B05BA03*

中文名：美達研注射液 《信東》

適應症：因罹急性傳染病等缺乏水份時、因出血過多致營養失調、因有持久的營養障礙。

【IG10】10% Glucose (Glucose Injection 10%®) 500mL/Bot *ATC Code : B05BA03*

中文名：葡萄糖注射液 10% 《永豐化學》

適應症：營養、利尿、解毒。

【IG20】20% Glucose (Vitagen Injection 20%®) 20mL/Amp *ATC Code : B05BA03*

中文名：美達研液 20% 《信東》

適應症：胃腸障礙、病中病後嘔吐、失去知覺時之營養補給。

【IG50】50% Glucose (Vitagen Injection 50%®) 20 mL/Amp *ATC Code : B05BA03*

中文名：美達研注射液 50% 《信東》

適應症：營養。

用法用量：IV or IV infusion as needed.

Do not administer concentrated solutions SC or IM. Dextrose solutions of 5% or less are iso-osmotic and may be administered via a peripheral vein. Hypertonic concentrations greater than 5% to 12.5% should be administered by slow IV infusion via a central vein. Administer 50% dextrose solution at a rate of 3 mL/min. (Reynolds, 1990)

The maximum rate at which dextrose can be infused without producing glycosuria is 0.5 g/kg/hr. About 95% is retained when infused at 0.8 g/kg/hr which is the maximum rate of glucose utilization. (Olin, 1990b; Reynolds, 1990)

Solution choice:

—Dextrose 5% and 10%:

IV infusion for fluid and caloric replacement.

—Dextrose 20% (hypertonic):

IV infusion for caloric replacement with a minimum of fluids.
– Dextrose 50% (hypertonic):
Administer dose IV for the treatment of insulin induced hypoglycemia
(hyperinsulinemia or insulin shock).

備註：

Solution	g/L	Cal/L	mOsm/L
Dextrose 5%	50	170	253
Dextrose 10%	100	340	505
Dextrose 20%	200	680	1010
Dextrose 50%	500	1700	2525