Poly-Joule

Newborn use only

2018

Indication	Glucose polymer energy supplement
Action	Poly-Joule is a mixture of glucose polymers (maltodextrin). Maltodextrin is a glucose based oligosaccharide, composed solely of glucose molecules. Oligosacharides contain 3-9 sugars. Maltodextrins are mostly derived from starch and include maltotriose and a-limit dextrins, which contain both a-1-4 and a-1-6 bonds with an average DP8.[1] It provides a readily absorbed source of energy with a low osmotic strength and bland taste. Poly-Joule is free from protein, fat, sucrose, lactose, fructose, galactose and gluten. Poly-Joule has a low electrolyte content. Poly-Joule can be added to most liquid and semi-solid foods to increase their energy and carbohydrate content.
Drug Type	Maltodextrin glucose polymer
Trade Name	Poly-Joule
Presentation	Provides 3.8Kcal/g.
Dosage / Interval	
Maximum daily dose	30 kcal/30 mL preparation.
Route	Oral or enteral
Administration	Dissolve Polyjoule in Expressed Human Milk or standard term formula. 1g of polyjoule displaces 0.65ml of water.

Polyjoule	EBM or standard term formula	Total volume	Kcal/30 mL
4 g	97mL	100ml	24Kcal/30ml
6 g	96 mL	100 mL	26 kcal/30 mL
8 g	95mL	100ml	28Kcal/30 mL
10 g	94 mL	100 mL	30 kcal/30 mL

Contraindications	Galactosaemia
Adverse Reactions	
Stability	
Storage	Store in a cool, dry place
Evidence summary	
References	1. American Academy of Pediatrics Committee on Nutrition. Carbohydrate and dietary fiber. In: Kleinman RE, Greer FR, eds. Pediatric Nutrition. 7th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2014: 387-406.

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