

Formulas for Toddlers and Older Children

Parents often ask their doctor for advice about brands of formulas. Most children do not need formula once they turn 1; transitional formulas are typically unnecessary. However, for those children who receive supplemental or complete nutrition from formula, switching from infant to a childhood formula is advised at age 1 to give a better balance of nutrition for the older child. Childhood formulas are generally recommended for children ages 1-10, but some teenagers, especially those with severe disabilities, may continue on these formulas because they provide a better ratio of protein to overall calories. The energy and nutrient requirements of adolescents with special health care needs vary according to their individual metabolic rate, activity level, and medical status. The child or adolescent should routinely be monitored to ensure adequate nutrition for growth and development and to make adjustments for periods of stress and illness.

The table below has formulas listed by: **hydrolyzed and amino-acid based hypoallergenic formulas, oral and/or tube feeding nutrition, exclusive to tube feeding, ketogenic diet, IBS, lactose sensitivity, low calcium/Williams syndrome, renal disease, soy/galactosemia, general toddler use, and modular feeding components.** Due to frequently changing product information, we advise checking the manufacturer's website as well. The Medical Home Portal does not endorse a specific brand. A dietician should be consulted for advice on addressing nutritional deficiencies and for tube feeding support. Metabolic formulas are not included in this chart. Adult options are available for older teens and are not included in this chart.

Name	Ages	Proposed Use
Hydrolyzed Proteins/Hypoallergenic		
PediaSure Peptide 1.0 Cal	1–13 yrs	Malabsorption, maldigestion, and other GI conditions. Sole source or supplemental nutrition via oral or tube feeding. Hydrolyzed protein and contains prebiotics. 30 kcal/oz, 8 oz serving or 1000 mL can. Vanilla, strawberry, and unflavored ready to feed.
PediaSure Peptide 1.5 Cal	1–13 yrs	Malabsorption, maldigestion, and other GI conditions, with higher metabolic demand or fluid restriction. Sole source or supplemental nutrition via oral or tube feeding. Hydrolyzed protein and contains prebiotics. 45 kcal/oz, 8 oz serving or 1000 mL can. Vanilla ready to feed.
Vital Peptide 1.5 Cal	14+ yrs	Malabsorption, maldigestion, and other GI conditions. Sole source or supplemental nutrition via oral or tube feeding. Hydrolyzed protein and contains prebiotics. 45 kcal/oz in 8 oz servings or 1000 mL can. Vanilla ready to feed.
Nutramigen with Enflora LGG Toddler	9–36 mos	Cow milk protein or soy allergy/sensitivity, or lactose intolerance. Contains extensively hydrolyzed proteins and probiotics. Contains milk and soy products, but is formulated to be hypoallergenic. 20 kcal/oz. Unflavored powder.
Peptamen Jr	1–13 yrs	Impaired GI function/absorption: Short bowel syndrome, cerebral palsy, cystic fibrosis, Crohn's disease, malnutrition, chronic diarrhea, delayed gastric emptying, growth failure. Contains whey protein hydrolyzed into peptides and 60% of fat as MCT oil. Lactose and gluten free. 30 kcal/oz in 250 mL cartons and unflavored tube-feeding 1000 mL pouches. Vanilla, strawberry, and unflavored ready to feed.

Name	Ages	Proposed Use
Peptamen Jr 1.5	1–13 yrs	Impaired GI function, which may result from the following conditions: Short bowel syndrome, cerebral palsy, cystic fibrosis, Crohn's disease, malnutrition, chronic diarrhea, delayed gastric emptying, growth failure. Contains whey protein hydrolyzed into peptides, 60% of fat as MCT oil, and soluble fiber. Lactose and gluten free. 45 kcal/oz in 250 mL servings and tube-feeding 1000 mL pouches. Unflavored ready to feed.
Peptamen Jr HP	1–13 yrs	Higher protein needs with Impaired GI function/absorption: Short bowel syndrome, cerebral palsy, cystic fibrosis, Crohn's disease, malnutrition, chronic diarrhea, delayed gastric emptying, growth failure. Contains whey protein hydrolyzed into peptides, 60% of fat as MCT oil, fiber, and 12 g protein. Lactose and gluten free. 30 kcal/oz in 250 mL servings. Vanilla ready to feed.
Peptamen Jr Fiber	1–13 yrs	Impaired GI function, which may result from the following conditions: Short bowel syndrome, cerebral palsy, cystic fibrosis, Crohn's disease, malnutrition, chronic diarrhea, delayed gastric emptying, growth failure. Contains hydrolyzed whey protein and 60% of fat as MCT oil, plus soluble/insoluble fiber blend. Lactose and gluten free. 30 kcal/oz in 250 mL servings. Vanilla ready to feed.
Peptamen Jr with PreBio	1–13 yrs	Impaired GI function, which may result from the following conditions: Short bowel syndrome, cerebral palsy, cystic fibrosis, Crohn's disease, malnutrition, chronic diarrhea, delayed gastric emptying, growth failure. Contains hydrolyzed whey protein and 60% of fat as MCT oil, plus soluble fiber. Lactose and gluten free. 30 kcal/oz in 250 mL servings.. Vanilla or chocolate ready to feed.
Amino-acid Based/Elemental Protein/Hypoallergenic (More broken down than the preceding group)		
Alfamino Junior	1–13 yrs	Multiple food allergies, cow milk protein allergy, eosinophilic GI disorders, malabsorptive conditions, and short bowel syndrome. Contains 65% of fat as MCT oil to facilitate absorption. Amino-acid based/elemental. 30 kcal/oz. Unflavored powder.
EleCare Jr.	1 yr and older	Extreme protein intolerance, severe cow milk protein allergies and/or multiple food protein allergies for children who cannot tolerate milk, soy, or protein hydrolysate formulas. Amino-acid based/elemental. 30 kcal/oz. Vanilla, banana, chocolate, and unflavored powder.
Neocate Junior	>1 yr	Cow and soy milk allergy, multiple food protein intolerance, food allergy associated conditions including short bowel syndrome, eosinophilic esophagitis, malabsorption, gastroesophageal reflux. Amino-acid based/elemental. 100 kcal/serving. Tropical, chocolate, and unflavored powders.
Neocate Junior with Prebiotics	>1 yr	Cow and soy milk allergy, multiple food protein intolerance, food allergy associated conditions including short bowel syndrome, eosinophilic esophagitis, malabsorption, gastroesophageal reflux. Amino-acid based/elemental. Contains prebiotic fiber. 100 kcal/serving. Vanilla, strawberry, and unflavored powders.

Name	Ages	Proposed Use
Neocate Nutra	>6 mos	Cow and soy milk allergy, multiple food protein intolerance, food allergy associated conditions including short bowel syndrome (SBS), eosinophilic esophagitis (EoE), malabsorption, gastroesophageal reflux. Amino-acid based/elemental. Makes a smooth, semi-solid texture for supplemental spoon feeding (not a liquid formula for drinking or tube feeding). 175 kcal/serving. Unflavored powder.
Neocate Splash	>1 yr	Cow and soy milk allergy, multiple food protein intolerance, food allergy associated conditions including short bowel syndrome, eosinophilic esophagitis, malabsorption, gastroesophageal reflux. Amino-acid based/elemental. 30 kcal/oz, 8 oz servings. Orange-pineapple, grape, tropical fruit, and unflavored ready to feed (oral or tube).
PurAmino	0-24 mos	Extreme protein intolerance, severe cow milk protein allergies and/or multiple food protein allergies for children who cannot tolerate milk, soy, or protein hydrolysate formulas. Amino acid based/elemental. Contains soy oil, but is hypoallergenic. 30 kcal/oz. Unflavored powder.
PurAmino Toddler	1 year (+)	Extreme protein intolerance, severe cow milk protein allergies and/or multiple food protein allergies for children who cannot tolerate milk, soy, or protein hydrolysate formulas. Amino acid based/elemental. Contains soy oil, but is hypoallergenic. 30 kcal/oz. Unflavored powder.
Vivonex Pediatric	1–13 yrs	Severely impaired GI function, which may result from severe short bowel syndrome, malabsorption syndrome, GI trauma/surgery, Crohn's disease, intestinal failure, burns. Contains 70% of fat as MCT oil to facilitate absorption. Amino-acid based/elemental. 24 kcal/oz. Unflavored powder.
Oral and/or Tube Feeding Nutrition (includes formulas that may be U=used for lactose intolerance, celiac, and other conditions)		
Boost Kid Essentials 1.0	1–13 yrs	Inadequate oral intake, increased energy needs, malnutrition, weight maintenance. Gluten-free. Supplemental or exclusive nutrition through oral or tube feedings. 30 kcal/oz. Chocolate and vanilla ready to feed (plus strawberry for institutional use).
Boost Kid Essentials 1.5 and 1.5 with Fiber	1–13 yrs	Inadequate oral intake, increased energy needs, volume intolerance, shortened feeding schedules, malnutrition, and lactose–intolerance. Gluten–free. Supplemental or exclusive nutrition through oral or tube feedings. 45 kcal/oz. Vanilla ready to feed.
Carnation Breakfast Essentials	≥1 yr	Inadequate oral intake, growth difficulties, and lactose–intolerance. Supplemental nutrition. 30 kcal/oz. Strawberry, chocolate, vanilla, mocha, chocolate malt powder; chocolate and vanilla ready to feed.
Carnation Breakfast Essentials High Protein	≥1 yr	Inadequate oral intake, growth difficulties, increased protein needs, and lactose intolerance. Contains fiber. Supplemental nutrition. 27.5 kcal/oz in 8 oz serving. Chocolate and vanilla ready to feed.

Name	Ages	Proposed Use
Carnation Breakfast Essentials Light Start	≥1 yr	Inadequate oral intake, weight management. Chocolate and vanilla flavored powder; chocolate and mocha ready to feed. Supplemental nutrition. 19 kcal/oz. Chocolate and vanilla powder; chocolate and mocha ready to feed.
Functional Formularies Liquid Hope	unlabeled	Tube feeding or oral meal replacement. Contains whole foods-based organic formula. Gluten and lactose free but not celiac-friendly. Non-GMO. 37.5 kcal/oz. Ready to feed.
Functional Formularies Nourish	unlabeled	Tube feeding or oral meal replacement. Contains whole foods-based organic formula. Gluten and lactose free but not celiac-friendly. Non-GMO. 33 kcal/oz. Ready to feed.
NIDO Fortificada (Nestle)	3+ yrs	Supplemental nutrition. Fortified powdered milk. 20 kcal/oz. Unflavored powder.
NIDO 3+ Kinder Toddler Formula (Nestle)	3+ yrs	Supplemental nutrition. Contains prebiotics. 24 kcal/oz. Unflavored powder.
Nutren Jr.	1–13 yrs	Growth failure, malnutrition, tube feeding. Gluten and lactose free. 30 kcal/oz in 250 mL servings or tube-feeding 1000 mL pouches. Vanilla ready to feed.
Nutren Jr. Fiber	1–13 yrs	Bowel management, growth failure, malnutrition, tube feeding. Lactose intolerance. Gluten and lactose free. Contains fiber. 30 kcal/oz in 250 mL servings or tube-feeding 1000 mL pouches. Vanilla ready to feed.
Orgain Healthy Kids Nutritional Shake	1–13 yrs	Supplemental nutrition with additional protein. Organic, gluten free. 24 kcal/oz in 8.25 oz servings. Vanilla, chocolate, and strawberry ready to feed.
Orgain Kids Protein Nutritional Shake	1–13 yrs	Supplemental nutrition with 8g protein. Organic, gluten free. 24 kcal/oz in 8.25 oz servings. Vanilla, chocolate, and strawberry ready to feed.
Ovaltine	1 yr & older	Provides extra carbohydrate calories, vitamins, and minerals. Supplemental oral nutrition, does not contain fat or protein. Adds approximately 5 kcal/oz to milk. Chocolate, malt, and chocolate malt powder.
PediaSmart Organic Dairy Vanilla Beverage Mix	1–13 yrs	Provides extra calories due to poor growth, picky eating, chronic illness, recovering from illness or injury, meal-skipping, or for lactose sensitivity. Supplemental or exclusive nutrition, orally or through a feeding tube. 30 kcal/oz. Vanilla powder.
PediaSure Grow & Gain	1–13 yrs	Sole source or supplemental nutrition for oral or tube feeding. Suitable for lactose intolerance. 30 kcal/oz, 8 oz servings. Vanilla, chocolate, strawberry, banana, and berry ready to feed.
PediaSure Grow & Gain with Fiber	1–13 yrs	Sole source or supplemental nutrition for oral or tube feeding. Added fiber, suitable for lactose intolerance. 30 kcal/oz, 8 oz servings. Vanilla and strawberry ready to feed.
PediaSure Grow & Gain Therapeutic Nutrition Shake	1–13 yrs	Sole source or supplemental nutrition for oral or tube feeding. Suitable for lactose intolerance. Contains more calcium and less iron than regular Grow & Gain, as well as differences in other mineral content. 30 kcal/oz, 8 oz servings. Vanilla, chocolate, strawberry, and banana ready to feed.

Name	Ages	Proposed Use
PediaSure Grow & Gain Therapeutic Nutrition with Fiber Shake	1–13 yrs	Sole source or supplemental nutrition for oral or tube feeding. Added fiber, suitable for lactose intolerance. Contains more calcium and less iron than regular Grow & Gain with Fiber, as well as differences in other mineral content. 30 kcal/oz, 8 oz servings. Vanilla ready to feed.
PediaSure 1.5 Cal	1–13 yrs	Malnutrition, fluid restriction, needing added calories. Sole source or supplemental nutrition for oral or tube feeding. Suitable for lactose intolerance. 45 kcal/oz, 8 oz servings. Vanilla ready to feed.
PediaSure 1.5 Cal with Fiber	1–13 yrs	Malnutrition, fluid restriction, needing added calories. Sole source or supplemental nutrition for oral or tube feeding. Suitable for lactose intolerance. Contains prebiotics. 45 kcal/oz, 8 oz servings. Vanilla ready to feed.
Exclusively for Tube-Feeding		
Compleat Pediatric	1–13 yrs	Tube-feeding for inadequate oral intake, weight maintenance, lactose-intolerance. Gluten-free. Whole food-based (contains fruit, cranberry juice, vegetables, chicken). Contains fiber. 1 kcal/mL. Unflavored ready to feed (tube feeding).
Compleat Pediatric Reduced Calorie	1–13 yrs	Tube-feeding with excessive weight gain, reduced caloric needs, bowel management, lactose intolerance. Gluten-free. Whole food based (contains fruit, vegetables, chicken). Contains fiber. 0.6 kcal/mL. Unflavored ready to feed (tube feeding).
PediaSure Enteral Formula 1.0 Cal	1–13 yrs	Tube feeding as sole source or supplemental nutrition. Suitable for lactose intolerance. 30 kcal/oz, 8 oz servings. Vanilla ready to feed.
PediaSure Enteral Formula 1.0 Cal with Fiber	1–13 yrs	Tube feeding as sole source or supplemental nutrition. Suitable for lactose intolerance, contains prebiotics. 30 kcal/oz, 8 oz serving or 1000 mL (1.1 Qt) can. Vanilla ready to feed.
Ketogenic Diet (Additional dietary components in the last section)		
KetoCal 3:1 Powder	>1 yr	Intractable epilepsy, pyruvate dehydrogenase deficiency (PDH), glucose transporter type-1 deficiency (GLUT1DS), and other disorders where the ketogenic diet is indicated. 3:1 fat:carbohydrate + protein. 30 kcal/oz. Unflavored powder.
KetoCal 4:1 LQ and Powder	>1 yr	Intractable epilepsy, pyruvate dehydrogenase deficiency (PDH), glucose transporter type-1 deficiency (GLUT1DS), and other disorders where the ketogenic diet is indicated. 4:1 fat:carbohydrate + protein. 45 kcal/oz. Vanilla and unflavored read to feed and unflavored powder.
Irritable Bowel Syndrome/FODMAPS Diet		
ProNourish	Unlisted	Irritable bowel syndrome. Low FODMAPS beverage. Lactose and gluten free. 21 kcal/oz in 8 oz servings. Strawberry-banana and vanilla ready to feed.
Lactose Sensitivity or Intolerance		
Baby's Only Organic DHA & ARA LactoRelief Toddler Formula	≥1 yr	Lactose sensitivity. Utilizes enzymatic process to remove lactose. Non-GMO. 20 kcal/oz. Unflavored powder.

Name	Ages	Proposed Use
Enfagrow Toddler Transitions Gentlease	9–18 mos	Gassy or fussy older babies. Includes partially hydrolyzed proteins and reduced lactose. 20 kcal/oz. Unflavored powder.
Go & Grow Sensitive by Similac Toddler Drink	12–24 mos	Lactose sensitivity. Supplemental nutrition. Non-GMO option. 19 kcal/oz. Unflavored powder.
Nestle NIDO 1+ Kinder LactoEase Toddler Formula	1+ yrs	Supplemental nutrition with reduced lactose. Contains prebiotics. 20 kcal/oz. Unflavored powder.
PediaSure Grow & Gain Shake Mix	2–13 yrs	Sole source or supplemental nutrition when mixed with milk or lactose free milk. Adds 21 kcal/oz per serving to the calories from the milk. Vanilla powder.
PediaSure SideKicks	2–13 yrs	Supplemental nutrition with lower calories and f at. Contains prebiotics. 19 kcal/o, 8 oz serving. Vanilla, chocolate, and strawberry ready to feed.
PediaSure SideKicks 0.63 Cal Shake	2–13 yrs	Supplemental nutrition with lower calories and fat via oral or tube feeding. Contains prebiotics. Contains more calcium and less iron than regular SideKicks. 19 kcal/oz, 8 oz serving. Vanilla ready to feed.
PediaSure SideKicks Fruit & Veggie Smoothie	2–13 yrs	Supplemental nutrition made from fruits and veggies plus added nutrients to mix with milk. 19 kcal/oz in addition to calories from the milk. Strawberry banana powder.
Low-Calcium Diet/Williams Syndrome		
Calcilo XD	Infants	Hypercalcemia including Williams syndrome. Low-calcium, vitamin D-free, lactose-free. 20 kcal/oz. Unflavored powder.
Renal Disease		
Renastart	1 yr & older	Pediatric renal disease. Low levels of protein, calcium, chloride, potassium, phosphorus and vitamin A. Can concentrate up to 60 kcal/oz. Unflavored powder.
LP Drink Mix (Milupa/Nutricia)	all ages	Inherited metabolic disorders, renal or liver failure requiring a low protein diet. Suitable for a wheat starch-, soy-, egg-, and peanut-free diet. Low protein, and contains fats and carbohydrates. 127 kcal/24 g. Unflavored powder.
Soy-Based for Galactosemia and Lactose Intolerance		
Baby's Only Organic Soy Toddler Formula	≥1 yr	Cow milk protein allergy, galactosemia, or when parents prefer a vegetarian diet. Non-GMO. 20 kcal/oz. Unflavored powder.
Bright Beginnings Soy Pediatric Drink	≥1 yr	Lactose intolerance or vegetarian diet. Dairy free, contains prebiotics. 30 kcal/oz, 8 oz cans. Vanilla ready to feed.
Enfagrow Toddler Transitions Soy	9 – 18 mos	Fussiness and gas with formulas that are cow milk based, lactose intolerance, or when soy is preferred. 20 kcal/oz. Unflavored powder.
Gerber Good Starts Soy Stage 3	9–24 mos	Fussiness and gas with cow milk based formulas, or vegetarian diet. Contains soy proteins and is lactose free. Non-GMO. 20 kcal/oz. Unflavored powder.

Name	Ages	Proposed Use
PediaSmart Organic Soy Vanilla Beverage Mix	1–13 yrs	Provides extra calories due to poor growth, picky eating or meal skipping, chronic illness, recovering from illness or injury, or for sensitivity, cow milk protein allergy. May be appropriate for galactosemia under healthcare professional guidance. 30 kcal/oz. Vanilla powder.
Toddlers Supplemental Nutrition		
Baby's Only Organic Dairy Toddler Formula	≥1 yr	General use. Non-GMO. 20 kcal/oz. Unflavored powder.
Baby's Only Organic DHA & ARA Dairy Toddler Formula	≥1 yr	General use. Non-GMO 20 kcal/oz.. Unflavored powder.
Baby's Only Organic Whey Protein Dairy Toddler Formula	≥1 yr	Possible use to aid digestion and soften stools. Non-GMO. 20 kcal/oz. Unflavored powder.
Earth's Best Organic Toddler Formula	1–3 yrs	General use. 20 kcal/oz. Vanilla powder.
Enfagrow Premium Toddler Next Step Natural Milk Flavor Milk Drink	1–3 yrs	General use. Contains prebiotics. Non-GMO. 20 kcal/oz. “Natural milk” powder.
Enfagrow Toddler Next Step Vanilla Flavor Milk Drink	1–3 yrs	General use. Contains prebiotics. 20 kcal/oz. Vanilla powder and ready to feed.
Enfagrow Premium Toddler Transitions	9–18 mos	General use. Contains prebiotics. Non-GMO. 20 kcal/oz. Unflavored powder.
Gerber Good Start Grow Stage 3 Nutritious Toddler Drink	12–24 mos	General use. Contains partially hydrolyzed whey proteins and probiotics. Non-GMO. 20 kcal/oz. Unflavored powder.
HappyTot Organic Toddler Milk Drink	12–24 mos	General use. Non-GMO. 21 kcal/oz Unflavored powder.
Kabrita Goat Milk Toddler Formula	12-24 mos	General use, for cow’s milk sensitivity (but not cow’s milk protein allergy). Non-GMO. 22.5 kcal/oz. Unflavored powder.
Nestle NIDO 1+ Kinder Toddler Formula	1+ yrs	Supplemental nutrition. 20 kcal/oz. Contains prebiotics. Unflavored powder.
Peaceful Planet Plant Proteins Toddler Supreme	1-4 yrs	General use. Rice-based. Non-GMO. 12.5 kcal/oz. Vanilla powder.
Go & Grow by Similac Toddler Drink	12–24 mos	Supplemental nutrition. 19 kcal/oz. Non-GMO option. Vanilla or unflavored powder.
Go & Grow Mix-Ins by Similac	toddlers	Supplemental nutrition packets to mix into food. Adds protein, fiber, vitamins, minerals, contains prebiotics. Non-GMO. 25 kcal/packet. Unflavored powder.

Name	Ages	Proposed Use
Pure Bliss by Similac Toddler Drink	12-36 months	General use (from grass-fed cows without growth hormone). Contains probiotics. Non-GMO. 19 kcal/oz. Unflavored powder.
(Store Brand) Pediatric Nutritional Drink	9–18 mos	General use as supplement, comparable to PediaSure. 30 kcal/oz. Vanilla and chocolate ready to feed.
(Store Brand) Toddler Beginnings	9–18 mos	General use as supplement. Comparable to Enfagrow Toddler Transitions. Non-GMO option. 20 kcal/oz. Unflavored powder.
(Store Brand) Toddler Next Stage	1+ yrs	General use as supplement. Comparable to Enfagrow Next Step and Similac Go & Grow. 20 kcal/oz. Vanilla and unflavored powder.
Toddlertein Formula	12–24 mos	General use. Non-GMO. 22 kcal/oz. Unflavored powder.
Supplemental Components/Modular Feeding		
Complete Amino Acid Mix (Nutricia)	1 yr and older	Conditions requiring amino acid supplementation, oligoallergenic diets (e.g., individuals with intolerance to milk protein or other whole protein), intractable malabsorption, feeding difficulties in post-operative conditions, chronic intestinal diseases (e.g., Crohn’s disease), short bowel syndrome following intestinal resection. Contains essential and non-essential amino acids. Supplemental nutrition. Unflavored powder.
Duocal (Nutricia)	1 yr and older	When a high energy, low fluid, low electrolytes diet is indicated, including protein restricted diets, disorders of protein and amino acid metabolism, malabsorptive states, modular diets, and catabolic states (e.g., burns, trauma, post-operative stress). A high-calorie, protein-free nutritional supplement to add to foods and beverages including infant formula. Not a complete formula. Unflavored powder.
Essential Amino Acid Mix (Nutricia)	1 yr and older	Dietary management of urea cycle disorders and conditions in which a nutritionally complete feed is not suitable or a modular approach is required. Contains essential amino acids. Supplemental nutrition. Unflavored powder.
Liquigen	all ages	Conditions where MCTs are part of dietary management, including conditions managed with ketogenic diet, long-chain fatty acid oxidation disorders, chylothorax, fat malabsorption, short bowel syndrome. Contains MCTs. Supplemental nutrition.
MCT Oil	not listed	Decreased pancreatic lipase, decreased bile salts, defective mucosal fat absorption (decreased mucosal permeability, decreased absorptive surface), and defective lymphatic transport of fat (i.e., intestinal lymphatic obstruction). Contains medium chain triglycerides. Lactose and gluten free. Supplemental nutrition (oil).
MCTProCal	1 yr & older	Long-chain fatty acid oxidation disorders, fat malabsorption, and other disorders requiring a high MCT, low long-chain triglyceride (LCT) diet. MCT oil in unflavored powder. Supplemental nutrition.

Name	Ages	Proposed Use
Microlipid Oil	not listed	Increased caloric needs, decreased carbohydrate tolerance, fluid or volume restricted, or ketogenic diet. Contains polyunsaturated fats from safflower oil. Lactose and gluten free. Supplemental nutrition (oil).
Monogen	>1 yr	Long chain fatty acid oxidation disorders, hyperlipoproteinemia type 1, chylothorax, intestinal lymphangiectasia, intractable malabsorption with steatorrhea, post-operative feeding in short bowel syndrome, other lipid and lymphatic disorders where a low fat, high MCT diet is indicated. Low in long-chain fats and high in medium chain triglycerides (MCT). Unflavored powder.
Polycal	all ages	Conditions where a high energy, low fluid or modular diet is indicated, and for the dietary management of energy needs in patients with inborn errors of metabolism. Contains powdered maltodextrin and is high calorie, but protein- and fat-free. Supplemental nutrition. Unflavored powder.
Portagen	children & adults	Defective fat hydrolysis (decreased pancreatic lipase, decreased bile salts); defective mucosal fat absorption (decreased mucosal permeability, decreased absorptive surface); and/or defective lymphatic transport of fat (i.e., intestinal lymphatic obstruction). Supplemental nutrition. Unflavored powder.
ProViMin	All ages	Abetalipoproteinemia; cholestasis; chylothorax; fatty acid oxidation defects; glutaric aciduria type II; hyperlipoproteinemia type I (fasting chylomicronemia); hypobetalipoproteinemia; lymphangiectasis, intestinal malabsorption of carbohydrate and/or fat; supplement for any patient who requires increased protein, minerals, and vitamins; X-linked adrenoleukodystrophy. Protein-based, and virtually carbohydrate- and fat-free to which the amount and type of carbohydrate and fat can be added. Unflavored powder.
Single Amino Acids – Amino Acid Powder (Nutricia)	1 yr & older	Dietary management when a modular approach is required. Contains single amino acids. Supplemental nutrition. Unflavored powder.
Single Amino Acids – Amino Acid Powder (VitaFlo (Nestle))	1 yr & older	Dietary management when a modular approach is required. Contains single amino acids. Supplemental nutrition. Unflavored powder.

Source: Information compiled from manufacturer websites.

Although formulas must meet the requirements of the Infant Formula Act, manufacturers' marketing claims often are not supported by clinical evidence or evaluated by the Food and Drug Administration. [Belamarich: 2015] FDA approval is only required for claims regarding formulas and their relationship to medical conditions, claims that do not reference conditions or disease (e.g., probiotics support digestive health) do not need FDA approval. [Abrams: 2015] Insufficient evidence shows that removing or reducing lactose, using hydrolyzed or soy protein or adding pre-/probiotics to formula benefits infants with fussiness, gas, or colic. [Thomas: 2010]