



## CLINICAL POLICY AND PROCEDURE MANUAL

Policy Number: PA.054.CC  
Last Review Date: 11/21/2024  
Effective Date: 12/01/2024

### PA.054.CC Nutritional Support

#### Summary

There are many physical conditions that cause the inability to eat enough food to maintain health. Some examples are decreased appetite, difficulties in swallowing, or any type of surgery that interferes with eating. If eating is still possible, oral nutritional products can be used with the purpose of restoring or maintaining adequate nutritional status, weight, or strength for the maintenance of overall health. Some patients require supplementation of their daily protein and caloric intake. Nutritional supplements are often given as a medicine between meals to boost protein-caloric intake or the mainstay of a daily nutritional plan. Many oral nutritional products are widely available through commercial retail; however, there are some products that require the prescription of a doctor.

If a physical illness or injury causes the inability to eat, nutrition must be supplied in a different way. One method is enteral nutrition which is commonly known as tube feeding. Enteral nutrition is considered reasonable and necessary for a patient with a functioning gastrointestinal tract who, due to pathology to, or non-function of, the structures that normally permit food to reach the digestive tract, cannot maintain weight and strength commensurate with his or her general condition. Enteral therapy may be given by nasogastric, jejunostomy, or gastrostomy tubes and can be provided safely and effectively in the home by nonprofessional persons who have undergone special training.

#### Clinical Criteria

CountyCare considers **Nutritional Support Products** medically necessary for the management of certain inborn errors of metabolism and inherited metabolic disorders including but not limited to the following disorders:

- a. Celiac Disease
- b. Phenylketonuria (PKU)/True BH4 deficiency
- c. Branch-chain ketonuria (maple syrup urine disease)



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- d. Galactosemia
- e. Homocysteinuria
- f. Maple Syrup Urine Disease (MSUD)
- g. Hyperphenylalaninemia
- h. Tyrosinemia (types I, II, III)
- i. A-ketoacid dehydrogenase deficiency
- j. Isovaleryl-CoA dehydrogenase deficiency
- k. 3 methylcrotonyl-CoA carboxylase deficiency
- l. 3 methylglutaconyl-CoA hydratase deficiency
- m. 3 hydroxy-3-methylglutaryl-CoA lyase deficiency (HMG-CoA lyase deficiency)
- n. B-ketothiolase deficiency
- o. Glutaric aciduria (types I, II)
- p. Lysinuric protein intolerance
- q. Non-ketotic hyperglycinemia
- r. Propionic academia
- s. Gyrate atrophy of the brain
- t. Hyperornithinemia/hyperammonemia/homocitrullinuria syndrome
- u. Carbamoyl phosphate synthetase deficiency
- v. Ornithine carbamoyl transferase deficiency
- w. Citrullinemia
- x. Arginosuccinic aciduria
- y. Methylmalonic acidemia
- z. Argininemia
- aa. Allergic reaction or malabsorption syndromes, specifically hemorrhagic colitis

Coverage is independent of whether the product is administered orally or enterally.

Amino acid-based elemental medical formula are covered when ordered/prescribed by a physician for documented medical necessity to infants or children (under 18 years old) and Adults. This medical formula may be administered orally or enterally for food protein allergies, food protein-induced enterocolitis syndrome, eosinophilic disorders, and short-bowel syndrome. An amino acid-based elemental formula covered under this section is a formula made of 100% free amino acids as the protein source.

### Additional requirements include:

1. When supplementation is consumed orally, the clinician or Medical Director shall review clinical documentation regarding ability to consume calories from normal food items, weight loss (documentation of a loss in weight), albumin levels, and general overall clinical picture. If acceptable, in most cases, the medical director shall approve up to 1 year total of supplementation. If desired, provider/member is able to

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request additional nutritional items, provided recent clinical documentation is submitted.

2. Failure to thrive unresponsive to standard age-appropriate interventions (for example, nutritionally complete liquid meal supplements) when associated with weight loss, failure to gain weight or to meet established growth expectations, including but not limited to: Premature infants who have not achieved the 25th percentile for weight based on their corrected age; or
3. Individuals with end-stage renal disease and an albumin less than 4 gm/dl.
4. Guiding clinical evidence that may support the use of nutritional products may include BMI and Albumin level of below 4 gm/dl.

### **Documentation requirements:**

- Laboratory test results must be submitted confirming the diagnosis thereby substantiating the need to restrict one or more dietary amino acids.
- Documentation must be provided that the participant is unable to achieve target levels of the relevant amino acid(s) with other treatments including dietary manipulation and restriction resulting in inadequate nutritional intake and the need for medical foods.
- A detailed dietary plan must accompany the request.
- Documentation in PARs for medical foods must include ongoing consultative contact-at least yearly, with a team of medical professionals consisting of at least one physician with special expertise managing patients with inborn errors of metabolism.
- Serial PARs for medical foods must include laboratory test reports documenting periodically monitored target amino acid levels.
- Pediatric- Growth charts for the pediatric population must be submitted.
- For adults, ages 18-21-an initial height and weight must be submitted and thereafter serially monitored weights must be submitted to calculate body mass index.
- Requests will need to be submitted yearly.



Medical Food  
Request Nutrition For

### **Limitations**

1. The medical necessity for special-needs enteral formulas must be justified and documented.
2. The feeding supply kit must correspond to the method of administration.

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### Non-Covered

1. Food additives
2. Grocery items
3. Over-the-counter items
4. Food with minimal nutritional value including but not limited to cakes, cake mixes, candy, candy covered items, chips, chocolate, chocolate covered items, cookies, cookie dough or mix, dessert items, gum, onion rings, pies, foods fortified with caffeine, alcohol (unless preservative in nature), foods containing cannabis, or CBD.

### Not Medically Necessary

1. Multiple kit types used on the same date of service.
2. More than three nasogastric tubes (NG), or one gastrostomy/jejunostomy tube every three months.

### Codes

<b>HCPCS codes covered if selection criteria are met (If Appropriate):</b>	
Code	Description
B4100	Food thickener, administered orally, per ounce
B4102	Enteral formula, for adults, used to replace fluids and electrolytes (e.g. clear liquids), 500ml = 1unit
B4103	Enteral formula, for pediatrics, used to replace fluids and electrolytes (e.g. clear liquids), 500ml = 1unit
B4104	Additive for enteral formula (e.g. fiber)
B4105	In-line cartridge containing digestive enzyme(s) for enteral feeding, each
B4149	Enteral formula, manufactured blenderized natural foods with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4150	Enteral formula, nutritionally complete with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4152	Enteral formula, nutritionally complete, calorically dense (equal to or greater than 1.5 Kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit

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B4153	Enteral formula, nutritionally complete, hydrolyzed proteins (amino acids and peptide chain) includes fat, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4154	Enteral formula, nutritionally complete, for special metabolic needs, excludes inherited disease of metabolism, includes altered composition of proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4155	Enteral formula, nutritionally incomplete/modular nutrients, includes specific nutrients, carbohydrates (e.g. glucose polymers), proteins/amino acids (e.g. glutamine arginine), fat (e.g. medium chain triglycerides) or combination, administered through an enteral feeding tube, 100 calories = 1 unit
B4157	Enteral formula, nutritionally complete for special metabolic needs for inherited disease of metabolism, includes proteins, fats, carbohydrates, vitamins minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4158	Enteral formula, for pediatrics, with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and /or iron, administered through an enteral feeding tube, 100 calories = 1 unit
B4159	Enteral formula, for pediatrics, nutritionally complete soy based with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and/or iron, administered through an enteral feeding tube, 100 calories = 1 unit
B4160	Enteral formula, for pediatrics, calorically dense (equal to or greater than 0.7 Kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4161	Enteral formula, for pediatrics, hydrolyzed/amino acids and peptide chain proteins, includes fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit
B4162	Enteral formula, for pediatrics, special metabolic needs for inherited disease of metabolism, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit

### References

1. American Society for Parental and Enteral Nutrition (ASPEN). Enteral Nutrition Resources. Copyright 2024.

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### **Archived References**

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[https://localcoverage.cms.gov/mcd\\_archive/view/lcd.aspx?lcdInfo=33783:23](https://localcoverage.cms.gov/mcd_archive/view/lcd.aspx?lcdInfo=33783:23)
- Centers for Medicare and Medicaid Services (CMS). Local Coverage Determinations (LCD) No. L33798 – Parenteral Nutrition. (Contractor-NHIC, Corp.) Revision Effective Date: 01/01/2020. Revision Ending Date: 11/12/2020. Retirement Date: 11/12/2020.  
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### **Revision History**

Revision	Date
Updates to policy format	February 2021
Approved	March 2021

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Updated Logo	April 2022
Created Archived Reference Section and moved Reference #s 2 and 3 under that heading, updated effective date and replaced invalid link in new Reference #2	November, 2022
Annual Policy Review, formatting and Reference updates made	September 14, 2023
Added procedure codes B4161 and B4162; updated "Limitations" Section to break out "Non-Covered" and "Not Medically Necessary Services", Reference updates	February 12, 2024
Annual Review; updated title and copyright date to Reference #1; update Rev number and Issued Date to Reference #3	November 21, 2024

### **Disclaimer**

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CountyCare reserves the right to review and update the medical payment and prior authorization guidelines in its sole discretion. Notice of such changes, if necessary, shall be provided in accordance with the terms and conditions of provider agreements and any applicable laws or regulations.

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