**SHORT BOWEL SYNDROME (SBS)**

**Neocate® Offers the Most Options for Your Patients**

**Neocate® Infant DHA/ARA**

**Neocate® Nutra**

**Neocate® Junior**

**Neocate® Splash**

**Dietary Management Flow Chart**

**CAN THE GI TRACT BE USED?**

**YES**

Advance enteral feeds and wean from parenteral nutrition as tolerated

**Consider enteral feeds (as directed by an HCP)**

**PARTIALLY**

Combination of enteral and parenteral nutrition

**NEO C A T E® OFFERS THE MOST OPTIONS FOR YOUR PATIENTS**

**AGE OF PATIENT?**

**INFANT**

Breastmilk and/or hypoallergenic formula† as a sole source or supplement to the diet as directed by an HCP

**1+ YEARS**

Full enteral nutrition: oral intake and/or tube feeding as directed by a healthcare professional (HCP)*

**Age-appropriate hypoallergenic formula or other type of formula‡, if tolerated, as a sole source or supplement to the diet, as directed by an HCP**

**CAN THE GI TRACT BE USED?**

**YES**

Parenteral nutrition

**NO**

Combination of enteral and parenteral nutrition

**Partially**

Advance enteral feeds and wean from parenteral nutrition as tolerated

**Hypoallergenic formula includes AAF (Amino Acid-Based Formula) and eHF (Extensively Hydrolyzed Formula)**

**Intact protein or peptide formula**

Developed in consultation with leading Pediatric Gastroenterologists in the USA.

*Age appropriate complementary food intake, if the child is developmentally ready for oral intake, as directed by an HCP. Oral intake is important to help prevent oral aversion.

†Hypoallergenic formula includes AAF (Amino Acid-Based Formula) and eHF (Extensively Hydrolyzed Formula)

‡Intact protein or peptide formula

**HCP to determine individual needs and monitor nutritional status. Nutricia North America supports the use of breastmilk wherever possible.**

Neocate® is a family of hypoallergenic, amino acid-based medical foods* for use under medical supervision and is indicated for cow milk allergy, multiple food allergies and related GI and allergic conditions.

Neocate Infant DHA/ARA is intended for use in term infants. §Neocate Nutra is a supplemental amino acid-based solid food for 6+ months.

§Neocate Junior is available with and without a prebiotic (soluble) fiber. Neocate Junior, Unflavored (with & without prebiotics), Neocate Junior, Vanilla, Strawberry, Chocolate & Tropical (with prebiotics).
POTENTIAL NUTRIENT DEFICIENCIES IN SBS DURING AND AFTER TRANSITION TO ENTERAL AUTONOMY

- Fat soluble vitamins: A, D, E & K
- Zinc and selenium in patients with diarrhea
- Vitamin B₁₂ in patients with ileal resection
- Iron in patients with loss of duodenal-jejunal absorptive area
- Water & electrolytes
- Iron
- Folate
- Vitamin B₁₂
- Bile salts
- Short chain fatty acids
- CARBOHYDRATES
- FATS
- PROTEINS
- CALCIUM
- PHOSPHORUS
- MAGNESIUM
- TRACE ELEMENTS
- VITAMINS

• Conduct regular monitoring to ensure the diet is adequate and provides all essential nutrients. Monitoring should include a review of nutritional intake and requirements, anthropometry, assessment of symptoms and micronutrient status.

• Micronutrient supplementation needs will vary based on the child's intestinal anatomy, degree of malabsorption & route of nutrition.

References:

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Nutrients are absorbed at numerous anatomical locations along the gastrointestinal tract:
- Location of the bowel resection in infants and children with short bowel syndrome may determine the frequency and severity of potential micronutrient deficiencies

Enteral autonomy = independence from parenteral nutrition

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