

# Surgifort® Human Milk Fortifier (Human, Pasteurized) Clinical Study Feeding Protocols

When following the Surgifort® fortifier clinical study protocols, use appropriate medical judgement and consider each patient's risk factors. The protocols are based on a recent clinical study and are provided for guidance only.



Product image shown is for illustration purposes only.

# Surgifort® Fortifier



- As part of an exclusive human milk diet,<sup>†</sup> Surgifort® fortifier provides an appropriate amount of calories, protein, and minerals\* required for the dietary management of term infants with gastroschisis following surgical repair requiring additional nutritional support
- Available in 125 mL product containers containing 100 mL of concentrated product
- Human milk mixed with Surgifort to obtain 26 kcal/fl oz yields 313 mOsm/kg; human milk mixed with Surgifort to obtain 28 kcal/fl oz yields 317 mOsm/kg
  - Typically, mother's own milk [MOM] or donor human milk provides approximately 20 kcal/ounce<sup>1</sup>



Product image shown is for illustration purposes only.

<sup>†</sup>An Exclusive Human Milk Diet is achieved when 100% of protein, fat, and carbohydrate are derived from human milk. This diet includes a human milk-based human milk fortifier.

\*Sodium, potassium, chloride, calcium, phosphorus, magnesium, copper, and zinc.

<sup>1</sup> American Academy of Pediatrics Committee on Nutrition. Appendix A. In: Kleinman RE, Greer FR, eds. *Pediatric Nutrition*. 8th ed. Itasca, IL: American Academy of Pediatrics; 2019:1505-1508.

# Gastrointestinal Clinical Study Feeding Protocol



Feeding Progression	GI
<b>Fortification:</b>	<p>At 60 mL/kg/d, fortify to 26 kcal/ounce with Surgifort® fortifier (mix 30 mL Surgifort® fortifier with 70 mL human milk [HM])</p> <p>Goal feeds 120-160 mL/kg/d</p> <p>If poor weight gain (&lt;15-20 g/kg/d or &lt;25-35 g/d × 7 days), increase fortification to 28 kcal/ounce with Surgifort® fortifier (mix 40 mL Surgifort® fortifier with 60 mL HM)</p>

# Surgifort® Human Milk Fortifier (Human, Pasteurized)



Determine appropriate fortifier per fluid volume to provide desired calories or protein intake

Ratio	Exclusive Human Milk Diet*			
	Surgifort fortifier + human milk		Surgifort fortifier + human milk	
	30:70 (26 kcal/ounce)**		40:60 (28 kcal/ounce)**	
	Kcal/kg	g protein/kg	Kcal/kg	g protein/kg
<b>Volume 100 mL/kg/d</b>	88	1.8	95	2.1
<b>Volume 110 mL/kg/d</b>	97	2.0	105	2.3
<b>Volume 120 mL/kg/d</b>	106	2.2	114	2.5
<b>Volume 130 mL/kg/d</b>	115	2.3	124	2.7
<b>Volume 140 mL/kg/d</b>	124	2.5	133	2.9
<b>Volume 150 mL/kg/d</b>	132	2.7	143	3.2
<b>Volume 160 mL/kg/d</b>	141	2.9	152	3.4

\* An Exclusive Human Milk Diet is achieved when 100% of protein, fat, and carbohydrate are derived from human milk. This diet includes a human milk-based human milk fortifier.

\*\* Target caloric content based on the assumption that mother's own milk (MOM) or donor human milk provides approximately 20 kcal/ounce. <sup>1</sup>

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