

Key points

- EleCare® is a 100% amino acid-based infant formula indicated for the dietary management of infants with severe cow's milk allergy (CMA), multiple food allergies, and other conditions in which an amino acid-based formula is indicated^{1,2}
- EleCare is the only amino acid-based infant formula containing 2'-FL^[A] which has proven benefits for the gut and systemic immune responses³⁻⁵
- EleCare is the best value amino acid-based formula in the UK (price per 100ml).⁶

Product name

EleCare®

Indications

- For the dietary management of infants with severe cow's milk allergy (CMA), multiple food allergies, and other conditions in which an amino acid-based formula is clinically indicated^{1,2}
- EleCare is nutritionally complete and is suitable as a sole or supplemental source of nutrition for infants from birth and young children (no need to switch formula after 6 months).

Preparation and storage

- EleCare can be safely prepared in accordance with NHS and WHO recommendations to mix in >70°C water^{8,9}
- Refer to product data sheet or EleCare tin label for full details about preparation
- Sterilise all utensils according to manufacturers' instructions or boil for 10 minutes
- Store unopened tins at room temperature
- Once opened, tins should be resealed using the lid provided and stored in a cool, dry place
- Use within 3 weeks of opening
- Prepared bottles should be kept in a refrigerator (2–4°C) and used within 24 hours.

Precautions

- While they are made under hygienic conditions, powdered infant formulas are not sterile—failure to follow the preparation instructions could make the baby ill
- Never use a microwave to prepare or warm formula.

Contraindications

- For enteral use only.

Formulation

- EleCare is a nutritionally complete, amino acid-based hypoallergenic infant formula^{1,2}
- Approved from birth onwards (no need to switch formula at 6 months)
- It is the only formula containing 2'-FL^[A], which has proven benefits for the gut and systemic immune responses³⁻⁵
- EleCare is certified for halal and kosher diets
- 33% of fat blend is medium-chain triglycerides
- EleCare is the AAF with the lowest osmolality in the UK (300 mOsm/Kg H₂O)
- EleCare has supported healthy growth of infants and children for over 20 years.¹

Savings to the NHS

- EleCare is the best value amino acid-based formula in the UK (price per 100 ml),⁶ with the added benefit of 2'-FL^[A].

	EleCare	Neocate LCP	Neocate Syneo	Nutramigen Puramino	SMA Alfamino
Cost per tin	£22.98	£22.98	£24.82	£22.98	£22.98
Cost per 100 ml ^[B]	£0.74	£0.78	£0.89	£0.76	£0.76
Cost per infant (1 year) ^[C]	£2,029	£2,123	£2,446	£2,076	£2,076
Excess cost vs EleCare per 100 infants per year ^[B]	£0	£9,436	£41,742	£4,718	£4,718

Prescribing guidance

Age	Suggested intake per day	EleCare (400g tins per month)
0–2 months	420-735 ml	7
2–6 months	525-1080 ml	10
7–9 months	600 ml	5
10–24 months	400 ml	4

- This guide is to support healthcare professionals to appropriately prescribe EleCare

IMPORTANT NOTICE: Breastfeeding is best for infants and is recommended for as long as possible during infancy. EleCare is an infant formula for special medical purposes and should only be used under the recommendation or guidance of a healthcare professional.

[A] The 2'-FL (2'-fucosyllactose) used in this formula is biosynthesised and structurally identical to the human milk oligosaccharide (HMO) 2'-FL, found in most mothers' breast milk

[B] Approximate values based on individual manufacturer scoop sizes, assuming 3 scoops mixed with 90 ml makes up 100 ml

[C] Assumes an infant consumes 750 ml each day

This formulary decision guide was developed from content provided by Abbott in a format developed by *Guidelines in Practice*.

- The suggested volume guidance has been calculated using standard weights, normal fluid requirements,¹² and complementary feeding
- Please note, all babies should be fed according to their individual growth and satiety needs.¹³

Evidence for use

- Where breastfeeding is not possible, international guidelines recommend AAFs for formula-fed infants with severe CMA, multiple food allergies, or when an EHF is ineffective as initial treatment for mild-to-moderate CMA^{10,11}
- EleCare has been studied in several clinical trials and its safety and efficacy has been demonstrated:
 - EleCare is clinically shown to be hypoallergenic and support healthy growth in infants with severe and/or multiple food allergies^{[E]1,2}
 - **gastrointestinal symptoms:** EleCare is clinically shown to improve symptoms of gastrointestinal disorders like malabsorption and short bowel syndrome^{[E]7}
- 2'-FL added to infant formula has been shown to be:^[D]
 - safe and well tolerated^{1,2}
 - **eczema and respiratory symptoms:** infants fed formula with 2'-FL have been observed to have lower levels of inflammatory cytokines and significantly lower incidence of parent-reported eczema and respiratory infections⁵
 - 66% fewer parent reports of respiratory infections³
 - significantly lower levels of multiple inflammatory cytokines ($p \leq 0.05$), which were comparable to level of breastfed infants⁴
 - significantly fewer (0% vs 5%) parent reports of eczema ($p < 0.05$).⁵

Order information

UK pharmacy PIP order code	Description	NHS price
413-9390	6 x 400g tin (unflavoured)	£22.98 per tin

- For more information on EleCare, visit <https://www.similac.abbott/uk/hcp/> or call Abbott's Freephone Nutrition Helpline on 0800 252 882.

References

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10. Fox A et al. *Clin Transl Allergy* 2019; **9** (1): 1–7.
11. Luyt D et al. *Clin Exp Allergy* 2014; **44** (5): 642–672.
12. GOSH. *Nutritional Requirements for Children in Health and Disease*, 5th edn.
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2'-FL=2'-fucosyllactose; CMA=cow's milk allergy; eHF=extensively hydrolysed formula; HMO=human milk oligosaccharide.

[D] Studies conducted in healthy-term infants fed standard Similac formula with 2'-FL, compared with control formula without 2'-FL

[E] Studies conducted in infants who were fed standard EleCare formula without 2'-FL

