

Suspected mild to moderate CMPA	Suspected severe CMPA
<p>One or more of the following:</p> <p><b>Gastrointestinal:</b> frequent regurgitation, vomiting, diarrhoea, constipation, anaemia</p> <p><b>Dermatological:</b> atopic dermatitis, urticarial (unrelated to acute infections or drugs)</p> <p><b>Respiratory:</b> runny nose, chronic cough, wheeze (all unrelated to infection)</p> <p><b>General:</b> persistent distress or colic more than 3 hours over more than 3 days over more than 3 weeks)</p> <p><b>Formulae to trial: See prescribing guidance below.</b></p> <p><b>Initial trial of Extensively hydrolysed formula (eHF) for 2-4 weeks:</b></p> <p>&lt; 6 months of age: <sup>1</sup>Alimentum, <sup>1</sup>Althera, <sup>1</sup>Aptamil Pepti 1 or <sup>2</sup>Nutramigen LGG 1.</p> <p>&gt; 6 months of age: <sup>1</sup>Aptamil Pepti 2, <sup>1</sup>Alimentum, <sup>1</sup>Althera, or <sup>2</sup>Nutramigen LGG 2.</p> <p>Soya infant formula Wysoy (SMA) to be purchased from supermarkets.</p> <p>If weaning, will also require a strict dairy free diet. See <a href="#">Patient webinars</a>, suitable for GPs and parents.</p> <p><b>If no improvement after 2-4 weeks consider 2 week trial of <u>different eHF</u> from above list <u>before</u> considering amino acid infant formula.</b></p> <p><b>THEN</b>, If no improvement on alternative eHF, try 2-4 week trial of amino acid formula (AAF) such as Alfamino or Elecare or Nutramigen PurAmino or Neocate LCP</p> <p><b>Challenge:</b> Once symptoms settle (after 4 weeks), challenge using <a href="#">iMAP home milk challenge</a> and consider referral to Community dietitian for weaning advice.</p> <p>If still symptomatic, unlikely to be only CMPA. Return to normal infant formula. Consider treating for reflux; consider referral to paediatrician</p> <p>At 1 year of age or after 6 months symptom free undertake iMAP milk challenge at home. Continue to challenge every 3 months if cow's milk still not tolerated.</p> <p><b>At 1 year of age or after 6 months symptom free undertake milk challenge at home. See <a href="#">Patient webinars</a>, suitable for GPs and parents. Challenge every 3 months if cow's milk still not tolerated.</b></p>	<p>One or more of the following symptoms:</p> <p><b>Gastrointestinal:</b> failure to thrive due to chronic diarrhoea, or vomiting, blood in stool, anaemia due to occult or macroscopic blood loss, protein losing enteropathy (hypoalbuminaemia), endoscopic or histologically confirmed enteropathy, severe ulcerative colitis.</p> <p><b>Dermatological:</b> urticaria, swelling (angioedema), exudative or severe atopic dermatitis</p> <p><b>Respiratory:</b> acute laryngoedema or bronchial obstruction with difficulty breathing</p> <p><b>Systemic reactions: anaphylactic shock needs immediate hospital management EMERGENCY TREATMENT AND ADMISSION</b></p> <p><b>Ongoing management: Formulae to trial: 0-12 months: Amino acid formula (AAF) e.g. Alfamino or EleCare or Nutramigen PurAmino or Neocate LCP (and strict milk free diet if weaning)</b></p> <p><b>Ongoing management: EMERGENCY TREATMENT AND ADMISSION</b></p> <p><b>Challenge:</b> Home milk challenge <b>not recommended.</b></p>
<p><b>Prescribing guidance</b></p> <p><sup>1</sup>Alimentum, <sup>1</sup>Aptamil Pepti and <sup>1</sup>Althera– use as joint first line eHF</p> <p><sup>2</sup>Nutramigen LGG 1 &amp; 2 and <sup>2</sup>Neocate Syneo – <b>NOT</b> suitable for premature/immunocompromised babies</p> <p>Alfamino, EleCare, Nutramigen PurAmino and Neocate LCP – Joint first line AAF</p> <p>Continue infant formula as a main drink until <b><u>12 months of age</u></b></p>	<p>At 12 months of age change to OTC milk substitute: Alpro soya growing up milk or Oatly Barista.</p> <p><b>ONLY</b> consider prescribing eHF or AAF to a maximum of 18 months of age if CMPA and poor growth/intake.</p>
<p>May use Oatly Barista, or Alpro soya growing up milk in <u>weaning foods</u> from 6 months of age for mild, moderate and severe CMPA</p>	

eHF (extensively hydrolysed formula)		AAF (Amino acid formula)	
<sup>1</sup> Alimentum (Abbott)	<sup>1</sup> 0-12 mths Joint 1 <sup>st</sup> line; lactose free	Alfamino (Nestle)	Joint 1 <sup>st</sup> line AAF
<sup>1</sup> Milupa Aptamil Pepti (Nutricia);	<sup>1</sup> Contains lactose, Joint 1 <sup>st</sup> line	EleCare (Abbott)	Joint 1 <sup>st</sup> line AAF
<sup>1</sup> SMA Althera (Nestle)	<sup>1</sup> contains lactose, more palatable (may be better tolerated than Pepti due to higher hydrolysis; try before AAF with continued symptoms)	Nutramigen PurAmino (Mead Johnston)	Joint 1 <sup>st</sup> line AAF
Aptamil Pepti (Nutricia)		Neocate (Nutricia)	
• Aptamil Pepti 1	Joint 1 <sup>st</sup> line; Under 6 months of age	• Neocate LCP	Joint 1 <sup>st</sup> line AAF
• <b>Aptamil Pepti 2</b>	<b>Over 6 months of age. Joint 1<sup>st</sup> line</b>	• <sup>2</sup> Neocate Syneo	Non formulary
Nutramigen LGG (Mead Johnston);	Lactose free. Similar taste to Similac Alimentum	Neocate Junior (Nutricia) -	From 1 year of age. <b>To be used under dietetic supervision only.</b>
• <sup>2</sup> Nutramigen LGG 1	Under 6 months of age	Neocate Spoon (Nutricia)	Specialist weaning product. <b>To be used under dietetic supervision only.</b>
• <sup>2</sup> Nutramigen LGG 2	Over 6 months of age		
• <sup>2</sup> Nutramigen LGG 3	From 1 year (non-formulary)		
Wysoy (SMA) Soya based infant formula.	May be purchased OTC for babies over 6 months of age	<sup>2</sup> Not suitable for premature or immunocompromised babies	

Recommended quantities for fully formula fed infants <b>per month</b> until child reaches 12 months of age					Amino Acid Formulae
Products and prices per tin	Alimentum £10.01 Nutramigen LGG 1 £11.21 Aptamil Pepti 1 £9.87 SMA Althera £9.86 (400g tin)	Aptamil Pepti 1 £19.73  (800g tin)	Nutramigen LGG 2 £11.21  (400g tin)	Aptamil Pepti 2 £18.82  (800g tin)	Alfamino £22.98 Elecare £22.98 Nutramigen PurAmino £23 Neocate LCP £22.98 Neocate Syneo £29.56 (400g tin)
0 - 3 months	8	4	Not Suitable	Not Suitable	8
4 months	11	6	Not Suitable	Not Suitable	11
6 months	10	5	10	5	10
7 – 12 months	7	4	7	4	7
<b>Over 12 months of age, advise supermarket milk substitutes such as Oatly Barista or Alpro soya growing up for mild, moderate and severe CMPA</b>					

Direct parents to [patient webinars](#) for stepping down from formula to purchased supermarket alternative at **12 months of age**.  
**May use Oatly Barista or Alpro soya growing up milk in weaning foods from 6 months of age (suitable for mild, moderate and severe CMPA) and as a main drink after 12 months of age**

Milk ladder link: [iMAP](#)

<https://patientwebinars.co.uk/children/children-webinars/child-allergy/>

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