

## DRUGS – FUNCTIONAL CONSTIPATION IN PAEDIATRIC

NO	CATEGORY	DRUG / DOSAGE FORM/STRENGTH (HOSPITAL USM)	DRUG ACTION	DOSE
1	Stimulant Laxative	<p><b>Bisacodyl</b></p> <p>TABLET – 5mg</p> <p>SUPPOSITORY – 5mg &amp; 10mg</p>	<p>Stimulant laxatives increase intestinal motility. <sup>(6)</sup></p> <p>Tablets act in 10–12 hours; suppositories act in 20–60 minutes <sup>(6)</sup></p>	<p><b>Oral<sup>(2)</sup>:</b></p> <p><b>Child 1-5years:</b> 5-10mg <b>Child &gt; 5years:</b> 10-20mg</p> <p><b>Suppository <sup>(2)</sup>:</b> (NOT per kg) <b>Child less than 12months:</b> 2.5mg <b>Child 1-5 years:</b> 5mg <b>Child &gt; 5 years:</b> 10mg</p>
2	Lubricant/ Rectal Stimulant Laxative	<p><b>Glycerol</b></p> <p>ENEMA 20 ml (contain Glycerin 25% - 5 g/20ml ampoule)</p>	<p>Glycerin can promote peristalsis and evacuation of the bowel by virtue of its irritant action. <sup>(3)</sup></p> <p>Sodium chloride is the bile salt involved in maintaining the osmotic pressure of the blood and fluid changes <sup>(3)</sup></p>	<p><b>Per rectal:<sup>(2)</sup></b></p> <p><b>Infant:</b> 0.7-1g <b>Child:</b> 1.4-2g</p> <p><b>Child 1–11 months:</b> 1 g* <b>Child 1–11 years:</b> 2 g* <b>Child 12–17 years:</b> 4 g*</p> <p>*as required per rectal<sup>(6)</sup></p>
3	Osmotic Laxative	<p><b>Lactulose</b></p> <p>SYRUP - 10G/15 ML</p>	<p>Increase the amount of water in the large bowel, either by drawing fluid from the body into the bowel or by retaining the fluid they were administered with. <sup>(6)</sup></p> <p>*Lactulose - may take up to 48 hours to act. <sup>(6)</sup></p>	<p>0.5ml/kg 12H oral <sup>(2)</sup></p> <p>*<b>Child 1–11 months:</b> 2.5 mL BD *<b>Child 1–4 years:</b> 2.5–10 mL BD *<b>Child 5–17 years:</b> 5–20 mL BD</p> <p>*All doses adjusted according to response.<sup>(6)</sup></p>
		<p><b>Monobasic Sodium Phosphate + Dibasic Sodium Phosphate (Disodium Phosphate Dodecahydrate + Sodium Dihydrogen Phosphate Dihydrate)</b></p> <p>ORAL SOLUTION Casen Phospho-soda 10.8g/24.4g (45ML)</p> <p>ENEMA 16% + 6%</p> <p>a) <u>Enema For Children</u> 66 ml/bottle (Sodium content 2.2g/59ml)</p> <p>b) <u>Enema for Adult</u> 133ml/bottle (Sodium content 4.4g/118ml)</p>	<p>Relieves constipation and cleanses lower bowel. It promotes evacuation of the bowel by increasing the bulk volume and water content of stool <sup>(10)</sup></p>	<p><b>Oral Solution <sup>(7)</sup></b></p> <p><b>Laxative:</b></p> <p><b>Child 5 - 9 years:</b> 5ml <b>Child 10 - 11 years:</b> 10ml <b>Child &gt; 12 years old:</b> 20ml</p> <p><b>Enema for children <sup>(5)</sup></b></p> <p><b>Child &lt; 2 years:</b> DO NOT USE <b>Child 2-4 years:</b> One-half bottle** <b>Child 5-11 years:</b> one bottle</p> <p><b>Enema adult <sup>(8)</sup></b></p> <p>Child ≥ 12 years: One bottle.</p> <p>*Single daily dose: Do not use more unless directed by a doctor. ** One half bottle preparation: Unscrew cap and remove 2 Tablespoons of liquid with a measuring spoon.</p>

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4	Bulk-Forming laxative	<b>Isphagula Husk</b>  3.5g of isphagula husk per 6g powder sachet (Brand: Fybogel)	Relieve constipation by increasing faecal mass which stimulates peristalsis. <sup>(6)</sup>	<b>Child &lt; 6 years:</b> Not recommended. <sup>(4)</sup> <b>Child 6 - 12 years :</b> ½ to 1 spoonful (5ml spoon), depending on age and size, morning and evening. <sup>(4)</sup> <b>Child &gt; 12 years:</b> One sachet, morning and evening. <sup>(4)</sup>  *If no bowel movement occurs within three days, children of this age should visit their doctors. <sup>(4)</sup>  <b>How to consume:</b> <sup>(4)</sup>  Stir the required amount of isphagula husk into a glass of cold water (150ml) and drink straight away.  Isphagula husk is best take after meal.
5	Stool Softener Laxative	<b>Liquid Paraffin</b>	Lubricate and soften impacted faeces and promote a bowel movement. <sup>(6)</sup>	1ml/kg OD <sup>(2)</sup>

### REFERENCES:

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