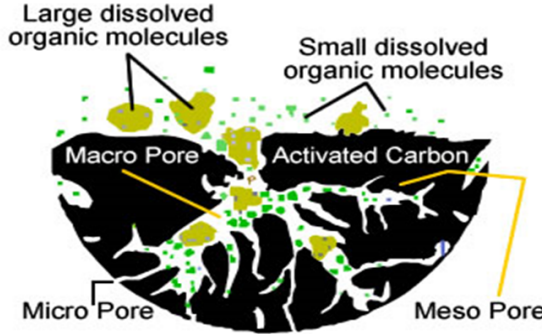


OPTİMAVEN

50g/240mL Oral Suspension

Activated Carbon / Sorbitol-70 (Laxative)/ Orange Aroma



- ✓No Absorption...!
- ✓No Toxicity...!
- ✓Maximum Yield...!
- ✓Minimum Risk..!

GAS AND SWELLİNG

Azot, oxygen, carbon dioxide, hydrogen and methane are main gases in the digestive system. It constitutes %74 of the gases in the digestive system which are produced by colonic bacterial fermentation of nutrients and endogenous glycoproteins (hydrogen, methane, carbon dioxide). The main organisms cultured are species *Streptococcus*, *Escherichia coli*, *Lactobacillus* and *Bacteroides*. These organisms cause gas, bloating, diarrhea, abdominal discomfort and nausea.

THE EFFECTİVENESS OF ACTIVATED CARBON ON GAS AND BLOATİNG

After activated charcoal consuming carbon-hydrate rich meals two studies, activated carbon decreases gas bloating and hydrogen production. The effectiveness of activated charcoal in the treatment of intestinal gas after a gas producing meal was compared to a placebo. Both the number of gastric gas events and breath hydrogen levels were measured. This experiment has shown that orally administered activated charcoal is effective in preventing the large increase in the number of gastric gas events occurring after a normally gas-producing meal and normally increasing hydrogen concentration^[1].

EFFECTS OF SORBİTOL/70 (LAXATIVE) ON GAS, BLOATİNG AND CONSTPATİON

Sorbitol 70 (laxative) creates osmotic pressure in intestine. The osmotic pressure increases the volume of fluid in the gastrointestinal system. This also stimulates motility and in addition to, increase bowel movements and accelerates defecation.^[2-3]

- ✓ The fastest and the most powerful cathartic, sorbitol given in %70 solution^[2-3].
- ✓ Sorbitol 70 increases absorption of activated carbon □
- ✓ If cathartic effect is desired 1-2 grams of sorbitol 70 should be taken for 1 kg. The amount of Sorbitol 70 doesn't have laxative effect, it is considered as a sweetening agent.

OPTİMAVEN that; OPTIMUM order in The Intestures

ATC QUALİFİKASYON

- A : DIGESTIVE SYSTEM VE METABOLİZM
- A07 : DIARRHEA MEDİCİNES, İNTESTINAL ANTI-İNFLAMMATORY AND THE ANTI-İNFECTİVES
- A07B : İNTESTINAL ADSORBENTS ADSORBANLARI
- A07BA : COAL
- A07BA01 : ACTIVATED CARBON

Clinical Finding	OPTİMAVEN		Recommended dose	Dose Range
Gas + Swelling	0,5 g Activated Karbon / kg	Adsorption of gas and gas causing colonic bacteria	½ tube	1 time a day [As long as clinical findings are observed]
	1g Sorbitol / kg	Sweeting (No laxative effect)		
Constipation	1 g Activated Karbon / kg	Adsorption of colonic bacteria	1 tube	1 time a day [As long as clinical findings are observed]
	2 g Sorbitol / kg	Laxative effect by accelerating bowel movements		
Diarrhea	0,5 g Activated Karbon / kg	Adsorption of colonic bacteria	½ tube	2 time a day [As long as clinical findings are observed]
	1g Sorbitol / kg	Sweeting (No laxative effect)		
Gas+ Swelling+Constipation	1 g Activated Karbon / kg	Adsorption of gas and gas causing colonic bacteria	1 tube	1 time a day [As long as clinical findings are observed]
	2 g Sorbitol / kg	Laxative effect by accelerating bowel movements		
Gas+ Swelling+Constipation	0,5 g Activated Karbon / kg	Adsorption of colonic bacteria	½ tube	2 time a day [As long as clinical findings are observed]
	1g Sorbitol / kg	Tatlandırıcı (Laksatif etki göstermez.)		

REFERANSLAR

- 1 | Effect of oral activated charcoal on intestinal gas. Salon RG Jr, Thompson H, Vuruş A | Gastroenterol. 1981 Mar; 75 (3): 192-6. [PubMed] [Ref listesi]
- 2 | Picchioni AL, Chin L, Gillespie T: Evaluation of activated charcoal-sorbitol suspension as an antidote, Clin Toxicol 19:433-444, 1982.
- 3 | Chin L, Picchioni AL, Gillespie T: Saline cathartics and saline cathartics plus activated charcoal as antidotal treatments, Clin Toxicol 18:865-871, 1981.



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