

Classification		Drug	Mode of action	Indications	Notes	
Antidiarrheals	adsorbents	activated charcoal	drugs with large surface area and strong adsorption properties = binding of bacterial toxins and intestinal gases + covers intestinal mucosa and protects it from irritation	acute diarrhea, alimentary poisoning	use of recommended doses (grams/day) necessary for effective therapy	
		diosmectite			children from 3 years	
	antimotilics	loperamide	agonists of opioid receptors in the enteric circuitry = deceleration of peristaltics and intestinal passage	acute and chronic diarrhea	significant drug-drug interaction with co-administered drugs	
		diphenoxylate			not absorbed from GIT	
	intestinal antiseptics	chloroxine	exact mode is unknown, bacteriostatic, fungistatic and antiprotozoal effects described	diarrhea with probable infectious etiology	the most common AE = constipation	
					children from 2 years	
	local ATBs	rifaximin	inhibition of DNA dependent RNA polymerase	acute diarrhea of bacterial etiology	CI in kids to 2 years because of risk of respiratory depression	
		nifuroxazide	interferes with nucleic acid synthesis and bacterial metabolism		significant first pass effect = low bioavailability	
	Additional therapy of diarrhea	other	racecadotril	enkephalinase inhibitor = decreased hypersecretion into intestines	acute diarrhea with impossible causal therapy	increases tonus of anal sphincter = decrease of incontinence
			simeticone	decrease the surface tension and prevents formation of foam in GIT	flatulence	CI in kids to 2 years because of risk of respiratory depression
dimeticone			enrichment/supplementation of gut microflora with suitable bacterial strains	prevention of ATB induced diarrhea	bioavailability app. 90%, but without systemic opioid effects	
probiotics			oligo and polysaccharides stimulating natural intestinal microflora		combined with atropine	
Nonspecific therapy	rehydration, remineralization (NaCl, sodium citrate, potassium chloride), dietary supplements with glucose, black tea (astringents), low fat diet					