

Diarrheal diseases (signpost)

Diarrhea is characterized by frequent bowel movements. This is a symptom with considerable subjective variation. Diarrhea is a common manifestation of various digestive disorders. Diarrheal diseases cause up to 20 million deaths a year worldwide, with young children most at risk.^[1]

According to etiology

▪ Viral gastroenteritis (viral diarrheal diseases)

1. Rotavirus enteritis
2. Adenovirus enteritis

▪ Bacterial gastroenteritis (bacterial diarrheal diseases)

1. Campylobacter enteritis (*causative agent: Campylobacter jejuni*)
2. Salmonella enteritis (*causative agent: Salmonella enteritidis, S. typhimurium*)
3. Typhoid fever (*causative agent: Salmonella typhi*)
4. Paratyphoid fever (*causative agent: Salmonella paratyphi*)
5. Shigellosis (*causative agent: Shigella dysenteriae, flexneri, boydii, sonnei*)
6. Cholera (*causative agent: Vibrio cholerae*)
7. Infections caused by Escherichia coli

▪ Gastrointestinal parasitosis

1. **Protozoa:** Toxoplasmosis (*causative agent: Toxoplasma gondii*), Toxocarosis (*Toxocara canis / cati*), Giardiasis (*Giardia lamblia*), Amoebiasis (*Entamoeba histolytica*), Cryptosporidiosis (*Cryptosporidium parvum*)
2. **Nematodes:** Ascariasis (*caused by: Ascaris lumbricoides*), Trichuriasis (*Trichuris trichiura*), *Trichinella spiralis*, Enterobiosis (*Enterobius vermicularis*), *Strongyloides stercoralis*, *Ancylostoma duodenale*, *Necator americanus*, *Dracunculus*
3. **Cestodes:** Teniosis (*agents: Taenia solium, Taenia saginata*), *Diphyllobothrium latum*, (*Hymenolepis nana*), *Echinococcus granulosus*...

▪ Enterotoxigenesis - caused by enterotoxins

▪ Drug-induced diarrhea: Pseudomembranous enterocolitis

References

Related articles

- Diarrhea (pediatrics)
- Differential diagnosis of diarrheal diseases
- Therapy of diarrheal diseases
- Antidiarrheals

Citations

1. KLENER, Pavel. *Vnitřní lékařství*. 3. edition. 2006. ISBN 80-7262-430-X.