

Parasitic diseases (pediatrics)

The most common **parasitic diseases** in childhood include both endoparasitoses and ectoparasitoses.

Ectoparasitosis

Ticks

In the Czech Republic, it is mainly the species *Ixodes ricinus*.

- Zoonotic carrier (*Borrelia burgdorferi* s.l., tick-borne encephalitis virus, Babesie, Ehrlichie,...)

Some tick species produce a tick toxin which, when the tick sucks, is injected into the body during saliva sucking and causes botulism-like symptoms (*tick paralysis*). In extreme cases, it can also cause paralysis of the respiratory muscles. The treatment is to remove the tick, often hidden in the scalp, behind the ears or around the genitals; symptoms typically disappear within 15 minutes of removal. These tick species occur mainly in the United States and Australia.

Lice

Lice cause a condition called pediculosis. These are mainly *Pediculus humanus capitis* (head lice) and *Pediculus humanus corporis* (wardrobe lice). Lice are kept mainly in the scalp, suck blood (pruritus) and attach eggs („nits“) to individual hairs.

Fleas

Pulex irritans.

Scabies

Scabies are caused by scabies, *Sarcoptes scabiei*. The picture is an exanthemous disease with typical „*corridors*“ occurring mainly in areas with thin skin (interdigital, anterior axillary furrow, areola), avoiding hair, face, palms and soles of the feet. It is possible to detect obstructions microscopically. There is very intense **pruritus**, especially at night, and excoriation caused by scratching. The infection is transmitted through body contact or laundry.

Endoparasitosis

Intestinal diseases

 For more information see *Gastrointestinal Parasitosis*.

- ascariasis
- enterobiosis
- giardiasis

Other endoparasitoses

Toxoplasmosis is caused by the parasite *Toxoplasma gondii*. It is one of the infections that threatens fetal development during primary maternal infection during pregnancy (TORCH group).

Source

- ws:Parazitární onemocnění (pediatrie)

Links

related articles

- Gastrointestinal parasitosis
- Enterobiosis
- Ascariasis
- TORCH

Kategorie:Pediatrie Kategorie:Infekční lékařství Kategorie:Infekční nemoci Kategorie:Mikrobiologie

