

Talk:Echovirus

They are RNA viruses, belonging to the genus Aphovirus and contain 33 different serotypes.

Diseases

- most infections are inapparent (without clinical manifestations).
- about 5 % of infections have clinical symptoms: febrile illness, myalgia, exanthema, meningitis, encephalitis, respiratory and digestive system diseases, pericarditis, hepatitis, pancreatitis,...

Most of the diseases are severe.

Patogeneze

- **gate for entry**: mainly through food, rarely through respiratory system
- multiplication in cells
- spread by hematogenous route
- **clinical consequences** depend on the site virus attachment and the individual's susceptibility.
- virus je intenzivně vylučován z napadnuté sliznice.

Diagnosis

- **incubation** from nasopharyngeal swabs, from stool or from cerebrospinal fluid on cell cultures from monkey kidneys or mice.
- **serological diagnosis** by neutralization test.

Epidemiology

The source of the virus is **an infected human**, who is infectious at the end of the incubation period (3 to 7 days). The disease occurs mainly in summer and early autumn.

Links

References

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Template:Navbox - viry

Catergories:Microbiology Categories:Virology Categorie:Infectious diseases