

Meningitis

Meningitis is an acute or chronic inflammatory disease of the soft meninges, leptomeninges (arachnoidea and pia mater).



Occurrence of meningitis (WHO 2004)



Meningeal symptom - perversion of head



Neisseria meningitidis - microscopy

Distribution

According to the course

- acute meningitis;
- chronic meningitis.

According to etiology

- infectious meningitis;
 - viral meningitis;
 - bacterial meningitis;
- non-infectious.

Clinical units

- purulent meningitis
- (acute) serous meningitis;
- tuberculosis meningitis.

1 µL — GREATER THAN 5 WBCs

MENINGITIS

TYPE	WBCs
BACTERIAL	> 100 WBC/µL > 90% PMNs
VIRAL	10-1000 WBC/µL > 50% LYMPHOCYTES; < 20% PMNs
FUNGAL	10-500 WBC/µL > 50% LYMPHOCYTES
TUBERCULOSIS MENINGITIS	50-500 WBC/µL > 80% LYMPHOCY



Video in English, definition, pathogenesis, symptoms, complications, treatment

Links

Related articles

- Meningeal signs • Meningeal syndrome
- Viral meningitis • Serous meningitis and meningoencephalitis • Herpetic meningoencephalitis • Encephalopathy

External links

- Meningitis (wikipedia)

- Notes on infectious diseases – MUDr. Hanuš Rozsypal (<http://www1.lf1.cuni.cz/~hrozs/cnsenga1.htm>)

References

- CASPER, Dennis, Eugene BRAUNWALD a Anthony FAUCI, et al. *Harrison's Manual of Medicine*. 16. vydání. New York : McGraw-Hill Professional, 2005. 1016 s.