

Meningitis

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



Occurrence of meningitis (WHO 2004)

Meningeal symptom - perverted 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 μ L — GREATER THAN 5 WBCs

MENINGITIS

| TYPE | WBCs |
|--------------------------------|---|
| BACTERIAL | > 100 WBC/ μ L > 90% PMNs |
| VIRAL | 10-1000 WBC/ μ L > 50% LYMPHOCYTES; < 20% PMNs |
| FUNGAL | 10-500 WBC/ μ L > 50% LYMPHOCYTES |
| TUBERCULOSIS MENINGITIS | 50-500 WBC/ μ L > 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.

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