

A Case of C. Canimorsus Sepsis and Meningitis a Young Splenectomized Male

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Background: Capnocytophaga Canimorsus is a gram-negative bacteria presented in the oral cavity of dogs and cats.

Case History: A 48-year-old man is hospitalized at the Intensive Care Unit of the Cotugno Hospital in Naples due to respiratory failure on mechanical ventilation due to meningitis with cloudy liquor complicated by sepsis. Glycorrhachia is 2 mg/dl, protidorrachia 421 mg/dl, 1739 cells of which 92.5% are polymorphonuclear. In medical history: splenectomy for thalassemia major, HCV-related cirrhosis, diabetes mellitus, ideomotor slowing (previous EEG). He starts meropenem 2 g every 8 hours and inezolid 600 mg every 12 hours are begin, while waiting for the culture examination of the CSF and blood cultures. C. Canimorsus is isolated from the blood culture and he strats the Ceftriaxone 2 g every 12 hours with regression of blood inflammation indices and remission of clinical symptoms, so he was transferred after 10 days to the division of Emerging and Highly Contagious Infectious Diseases. The patient was bitten by a dog 5 days before hospetalization and did not take antibiotic prophylaxis. The dosage of IgG and lymphocyte subpopulations are normal.

Discussion: We describe a case of sepsis and purulent meningitis caused by C. Canimorsus in a immunocompetent patient.

References

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