

■ Sun-434 ■

### Campylobacter fetus meningitis associated with kissing a pet dog in a young adult

이주대학교 병원 내과

\*한인정, 허중연, 김용찬, 김은진, 최영화

The most common causes of community-acquired Bacterial meningitis in young adults are nasopharyngeal bacterial flora such as *Streptococcus pneumoniae* or *Neisseria meningitidis*. *Campylobacter fetus* is a zoonotic pathogen with primary reservoir of intestinal tracts in cattle and sheep, and is an extremely rare pathogen of bacterial meningitis in immunocompetent adults. Recently, we experienced a case of bacterial meningitis caused by *Campylobacter fetus* in a young adult. The patient strongly denied close contact with domestic animals or raw animal products. The route of transmission in our case is considered to be associated with kissing a pet dog. This case suggests that pet dogs could be a reservoir for zoonotic infections and pet owners should be educated on zoonotic disease risk and prevention.

