

복막투석환자에서 *Rothia mucilaginosa*에 의해 발생한 복막염의 1예

서남대학교 의과대학 전주예수병원 신장내과

조아영, 김병관, 김상선, 이성희, 신흥식, 윤현주, 선인오, 이광영, 김정관

A Case of Peritoneal Dialysis-associated Peritonitis Caused by *Rothia Mucilaginosa*

A Young Cho, Byeong Gwan Kim, Sang Sun Kim, Seong Hee Lee, Hong Shik Shin
Hyun Ju Yoon, In O Sun, Kwang Young Lee, Jeong Gwan Kim

Department of Internal Medicine, Presbyterian Medical Center, University of Seonam College of Medicine

Rothia mucilaginosa (*R. mucilaginosa*) is an encapsulated gram-positive coagulase-negative, non-sporing coccus found in pairs, clusters and tetrads and is considered as normal flora of the mouth and respiratory tract. There are commonly reports of endocarditis in patients with abnormal heart valves, meningitis, septicemia and pneumonia in intravenous drug abusers. *R. mucilaginosa* is generally susceptible to penicillin, ampicillin, cefotaxime, imipenem, rifampicin and glycopeptides. Furthermore, it is an unusual pathogen in cases of peritoneal dialysis (PD)-associated peritonitis. Cases of PD-associated peritonitis caused by *R. mucilaginosa* have been reported worldwide. However, there has been no case by *R. mucilaginosa* in Korea. A 56-year-old man who had been treated with Continuous ambulatory peritoneal dialysis for 3 years was admitted to our hospital because of a turbid peritoneal effluent accompanied by abdominal pain. He had been treated for peritonitis with *Streptococcus mitis* (*S. mitis*) 3 months previously. Culture of the peritoneal dialysis revealed *S. mitis* at first time. His clinical condition improved after intraperitoneal antibiotics. But abdominal pain developed again, and the effluent became turbid. Then culture of the peritoneal dialysis revealed *R. mucilaginosa* two times. Culture of peritoneal effluent was negative and his condition was improved on 2 weeks after intraperitoneal antibiotics. We report a case of PD-associated peritonitis due to *R. mucilaginosa* which recovered after using cephazolin and ceftazidime for 2 weeks.

Key Words: *Rothia mucilaginosa*, 복막염, 복막투석

Rothia mucilaginosa, Peritonitis, Peritoneal dialysis