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김형래

A Case of Bronchoscopic Treatment of a Bronchopleural Fistula Accompanied by Pneumonia

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A bronchopleural fistula (BPF) is traditionally treated by surgery, but currently various noninvasive forms of management, particularly the use of bronchoscopy, have been utilized. The substances and methods for noninvasive management of a BPF differ with individual clinicians. This case describes the use of flexible bronchoscopic treatment of a BPF complicating pneumonia using embolization coils and intraluminally injected fibrin glue. If the BPF is small and is located on the peripheral bronchus, this minimal invasive maneuver could be recommended for the treatment of a BPF. (*Tuberc Respir Dis 2007;63:507-510*)

Key Words: Bronchopleural fistula, Bronchoscopy, Coil, Fibrin glue

환자: 62
주소: , 가
현병력: ,
가 가
2
가
과거력: .
사회력: , 3 3
1
직업력:
진찰소견: 110/70 mmHg, 110/ ,
28 / , 38.8°C ,
. 3 가
검사실 소견: 16,000/mm³,
가
. 3 가

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10.5 g/dl, 30.5%, 140,000/
mm³ . 5 L
가 pH 7.31, PaCO₂ 31.3
mmHg, PaO₂ 71.2 mmHg, HCO₃⁻ 25.6 mEq/L, SaO₂
91.2% . 110 /
가 320 mg/dl,
HbA1c 7.8%
방사선 소견:
(Figure 1).
임상 경과: *Klebsiella pneumoniae*
*Streptococcus pyogenes*가

기관지 내시경: (Figure 2).

8 mm

gastrograffin

coil glue

coil glue

coil 가

coil fibrin

glue

요 약

가

가

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