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=Abstract=

## Pleuropneumonectomy in a Patient With Acquired Immune Deficiency Syndrome and Lung Abscess

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A 54-year-old homosexual man was diagnosed as human immunodeficiency virus-1-positive in 1992. He was admitted to a tertiary hospital in March, 2000 because of right flank pain, fever and intermittent cough. A chest roentgenogram showed right-sided pleural effusion, and closed thoracostomy was performed for drainage. Salmonella species and Escherichia coli were isolated from the pleural fluid. In spite of 6 weeks of antibiotic treatment, fever did not subside and the general condition gradually deteriorated, and under the diagnosis of lung abscess with empyema thoracis, right pleuropneumonectomy was performed. The general condition improved postoperatively until day 10 when he showed sudden change in mental status to stuporous and developed focal seizure. Brain CT showed multiple abscesses in right frontal and left frontotemporal lobes and he expired on postoperative day 14.

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Key words: 1. Human immunodeficiency virus

- 2. Pneumonectomy
- 3. Acquired immunedeficiency syndrome
- 4. Lung abscess

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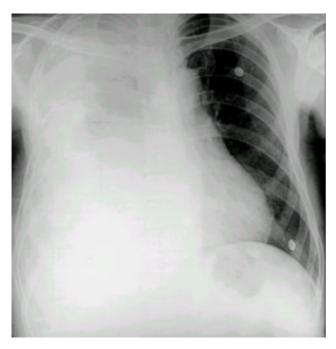
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 ${\bf Fig.~1.}$  Pre-operative chest x-ray showing total haziness of the right lung.

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/ $\mu$ l 16,950 . 16,950 . pH 6.4, 24 g/dl

7} 300 cc ,

lamivudine(3TC®)

 $indinavir\ sulfate(Crixivan^{\widehat{\mathbb{R}}}) \qquad \qquad .$ 

(salmonella serogroup B)

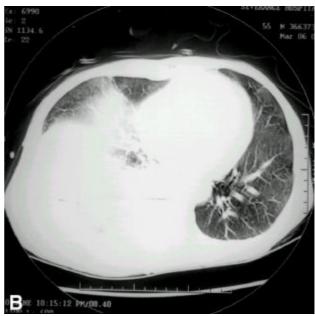
(Escherichia coli)

39

. CD4 T 29/ $\mu$ l(8.1%), CD8 T 201/ $\mu$ l(78.8%) CD4/CD8 0.14 . HIV-RNA-PCR(human immunodeficiency virus-ribonucleic acid-polymerase chain reaction) 165,000 . 1 (Staphylococcus aureus)

(Salmonella), (Escherichia coli),

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 $Fig.\ 2A$  and B. Mediastinal and lung setting of chest CT taken after closed thoracostomy.

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Toxoplas-가

Toxoplasma 가

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Acquired immunodeficiency syndrome(AIDS) 1981 가 3,300 가 HIV/AIDS 1998 250 **AIDS** 가 가 가 **AIDS AIDS** 가 가 가 가 HIV 가 가 95% 가 . 1983 **AIDS** human immunodeficiency virus(HIV) HIV 가 가 3) polymerase chain reaction HIV RNA HIV 4 HIV 가 가 10 HIV 가 CD4 T 가 29/μθ Centers for Disease Control and Prevention<sup>4)</sup> HIV CD4  $200/\mu \ell$ 가 . AIDS 가 가 5.4% 가 5,7) 56% non-typhoidal salmonella 39% 가 (space occupied lesion) 15 20% Toxoplasma gondii가 가

, Kaposi's

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