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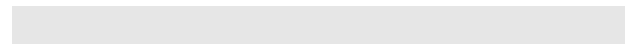
Three Cases of an Esophageal Foreign Body Caused by Coin-shaped Rock Called Maeksum-seok

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Generally, the occurrence of an esophageal foreign body due to a coin-like material is rare in adults. The Maeksum-seok is a kind of rock that is believed to be good for health in Korean folk medicine. Thus, people use a Maeksum-seok in various ways, one of which is keeping coin-shaped Maeksum-seok in the mouth. Because of this use, it is easy to swallow a Maeksum-seok coin by accident, and a swallowed Maeksum-seok coin will easily lodge in esophagus. We experienced three cases of an esophageal foreign body caused by a Maeksum-seok coin. The patients swallowed the Maeksum-seok coin accidentally while sleeping with the Maeksum-seok coin in their mouth for health reasons. The problem is that it was hard to detect the Maeksum-seok coin by using a simple radiologic study. However, the patients in these cases complained of a sustained foreign body sensation, so we used endoscopy. The foreign bodies were easily detected and removed by endoscopy in both cases.

Key Words: Foreign body, Esophagus, Coin

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 “ ” 2.5 cm,
 0.5 cm 가 .
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 . 8,490/mm³, 15.0
 g/dL, 45.9%, 248,000/mm³
 Na 139.7 mmol/L, K 4.68
 mmol/L, Cl 100.4 mmol/L, BUN/Cr 15.8/0.9
 mg/dL, AST/ALT 36/28 IU/L .

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(Fig. 1A, B).

(Fig. 1C, D).

6,230/mm³, 12.1 g/dL,
 37.3 %, 324,000/mm³
 Na 133.9 mmol/L, K 4.13 mmol/L, Cl
 97.8 mmol/L, BUN/Cr 15.8/0.9 mg/dL, AST/ALT
 36/28 IU/L

2. 2

68 가 “ ”

PACS (Picture Archiving & Communication
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 level) Width



Fig. 1. Plain X-ray and endoscopy finding of case 1
 A. Neck AP, B. Neck Lateral, C. Endoscopic view of lodged Maeksum-seok
 D. Removed Maeksum-seok Foreign body

2874, Level 926 Width 831, Level 590 (Fig. 2).

5,270/mm³, 13.7 g/dL, 39.7 %, 229,000/mm³ (Na 138.6 mmol/L, K 4.03 mmol/L, Cl 104.2 mmol/L, BUN/Cr 16.3/0.9 mg/dL, AST/ALT 24/12 IU/L).

3. 3

(Fig. 3).

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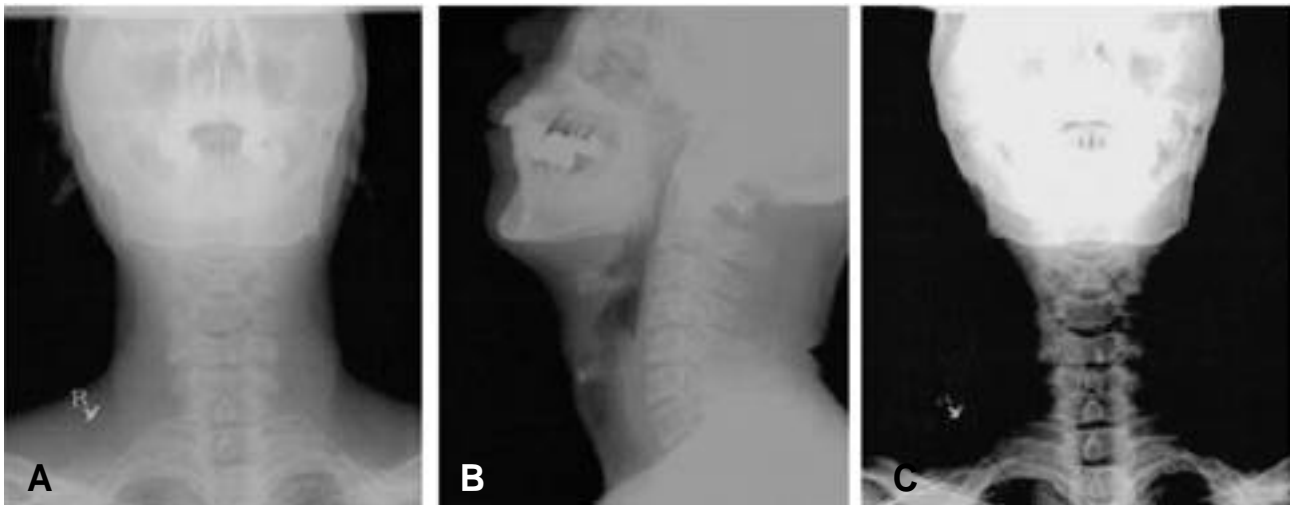


Fig. 2. Plain X-ray of case 2
A. initial neck AP (window level - Width 2874, Level 926), B. initial neck Lat
C. neck AP after window level adjustment(window level - Width 831, Level 590)

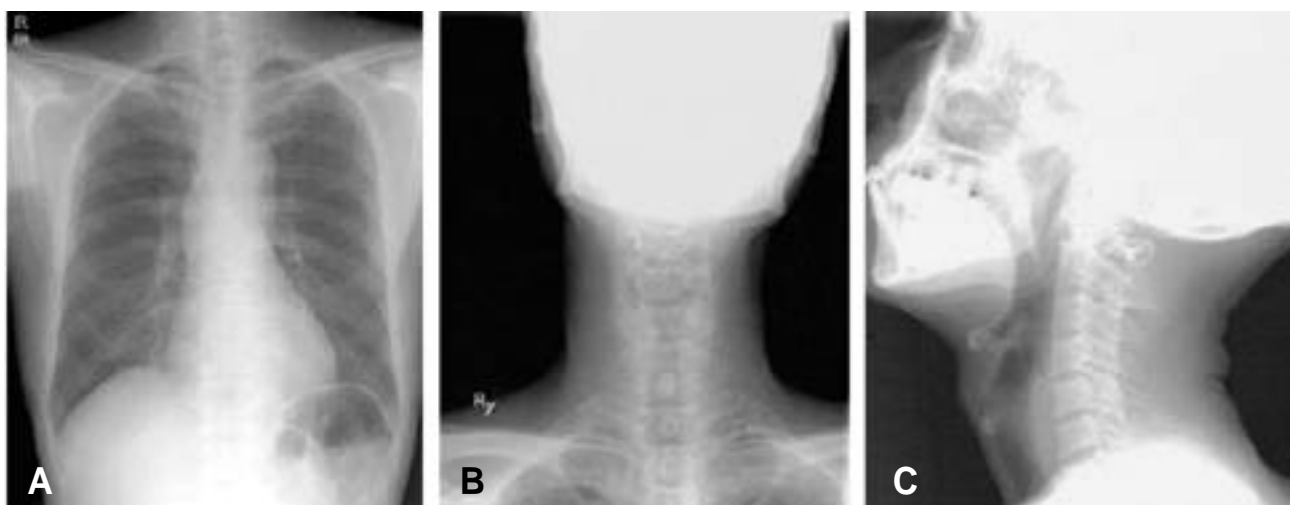


Fig. 3. Plain X-ray of case 3
A. Chest PA, B. Neck AP, C. Neck Lateral



(Far Infrared Ray)

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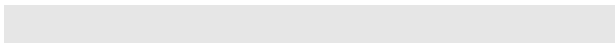
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