

Poncet 1

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= Abstract =

A Case of Poncet's Disease in a Patient with Pulmonary Tuberculosis

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Since 1897 when Poncet first described polyarthritis in the acute stage of extra-articular tuberculosis, Poncet's disease has been considered a reactive arthritis to *Mycobacterium tuberculosis*. It is characterized by polyarthritis without evidence of direct mycobacterial involvement in patients with active tuberculosis, and eventually resolves without residual joint damage. Even though Poncet's disease is uncommon, the distinction between Poncet's disease and other arthritis, including tuberculous arthritis is clinically important. We report the second case of Poncet's disease diagnosed in a patient with pulmonary tuberculosis in Korea and review the relevant literature.

Key Words: Arthritis, Tuberculosis, Poncet's disease

서론 1897 Antonin Poncet

Poncet (Poncet's disease, tuberculous rheumatism) (1).

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 (2).
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 (3).
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검사실 소견: 6,720/mm³ (
 66%, 20.4%), 12.8 g/dL,
 353,000/mm³ 27 mm/hr, C

환 자: 51 2.15 mg/dL
 주 소: 8.9 mg/
 dL (3~7 mg/dL), (creatin
 kinase) 127 IU/mL (20~270 IU/mL), my-
 oglobin 27 ng/mL (10.5~92.5 ng/mL)

현병력: 2
 10 kg
 isoniazid (400
 mg/day), rifampicin (600 mg/day), pyrazinamide (1,500
 mg/day), ethambutol (800 mg/day)
 B S S
 C
 , -CCP , HLA-
 B27

1 ,
 , 1,000/mm³ (15%, 30%)
 , ,
 , ,
 ,

과거력: 30 6
 사회력: 2~3
 30
 가족력:
 진찰 소견: 100/60 mmHg, 치료 및 경과: Poncet
 82 / , 20 / , 37.6°C
 mg/day celecoxib 400
 celecoxib
 200 mg/day 3

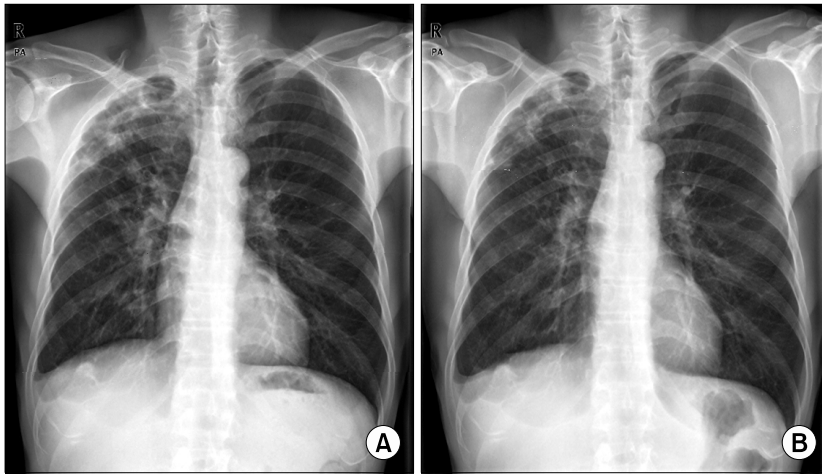


Fig. 1. Chest X-ray showing cavitated pulmonary tuberculosis in the right upper lobe, initial (A) and after 4 months (B).

0.01 mg/dL
(1B). Celecoxib 2

고 찰

Poncet

70% Poncet
(2). , *Mycobacterium avium intracellulare*

Bacillus Calmette-Guérin (BCG)

Mycobacterium

(4,5).

, Shigella, Salmonella, Yersinia, Campylobacter, Chlamydia

. Poncet

. , HLA-B27

Table 1. Comparison between previously reported foreign and Korean cases of Poncet's disease

	Foreign cases (2)	Lee et al (3)	Current case
Sex	Male : Female 29 : 21	Female	Male
Age (year old)	Mean 28.8 (range 2 ~ 78)	26	51
Tuberculosis	Pulmonary 52% (26/50) Extra-pulmonary 48% (24/50)	Supraclavicular Lymph node and ileocecal area	Pulmonary
Pattern of arthritis	Polyarticular 70% (35/50) Oligoarticular 30% (15/50)	Polyarticular	Polyarticular
Sites of arthritis			
Shoulder	21.4% (9/42)	—	+
Elbow	38.1% (16/42)	—	—
Wrist	50.0% (21/42)	—	+
Hand	26.2% (11/42)	—	+
Hip	2.4% (1/42)	—	—
Knee	64.3% (27/42)	+	+
Ankle	57.1% (24/42)	+	—
Foot	11.9% (5/42)	—	+
Sacroiliac	4.8% (2/42)	—	—
Erythema nodosum	6% (3/50)	Yes	No
Resolution of arthritis after anti-tuberculous drugs	1 week ~ 4 months	Not described	Within 4 months

HLA-DR3 HLA-DR4

요 약

(10,11).

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51

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(12)

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(13).

참고문헌

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