

약물치료로 호전된 단일 좌 주간부 병변

- 증례 보고 -

김건영 · 장경식 · 홍순표 · 윤상준 · 김영곤 · 김희정

A Case of Left Main Coronary Artery Disease Treated with Medication

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ABSTRACT

We report a case of 34-year-old woman who had left main coronary artery disease and treated with medication only. She was presented with severe chest pain. Isolated left main coronary disease was demonstrated on selective left coronary angiography. There was no regional wall motion abnormality on echocardiogram with normal global LV systolic function. We considered the lesion as a variant of Takayasu's arteritis. So with anti-anginal medication, treatment started with steroid therapy. After then there was no chest pain. We performed follow-up coronary angiography after 1 month and 3 month in which revealed improved left main lesion. Since then there was no subjective symptom and Thallium-201 SPECT revealed no significant ischemic finding. We think that this case's underlying disease is may be Takayasu's arteritis which has isolated left main stenosis without systemic involvement and improved with medical treatment only. (**Korean Circulation J 1999;29(4):415-418**)

KEY WORDS : Isolated left main disease · Takayasu's arteritis · Steroid therapy.

서 론

(isolated left main disease)

protected left main disease

1)

가 .

가 가

Takayasu's

arteritis

: 1998 12 16

: 1999 4 2

: , 501 - 140

588

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2)

Takayasu's arteritis

증례

: 34 , .
:
: 3

2

V1-3 ST

T

ST

가 :

: 100/70 mmHg

: 70 / ,

: 22 / , : 36.7

: : 12.6 g/dl, : 306,000/
mm³ : 156 mg/dL, triglyceride : 67
mg/dL, HDL - cholesterol : 32 mg/dL, : 102
mg/dL, (ESR) : 10 mm/hour, VDRL :

X

3 mm

ST

ST

T

:

(Fig. 1) 가

valsalva

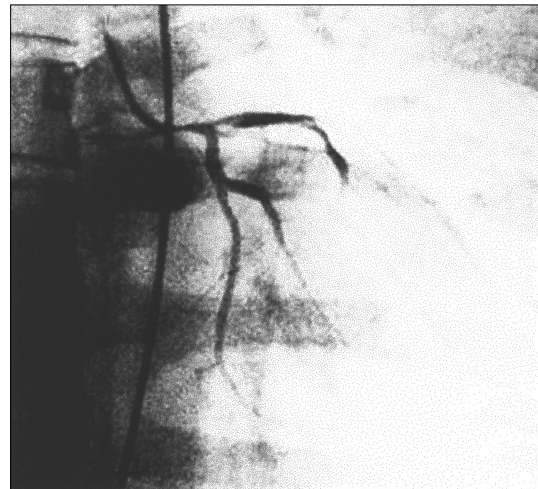


Fig. 1. Coronary angiogram at presentation. Coronary angiographic finding of a 34-year-old woman presented with severe chest pain. Critical stenotic left main coronary disease was demonstrated on selective left coronary angiography.

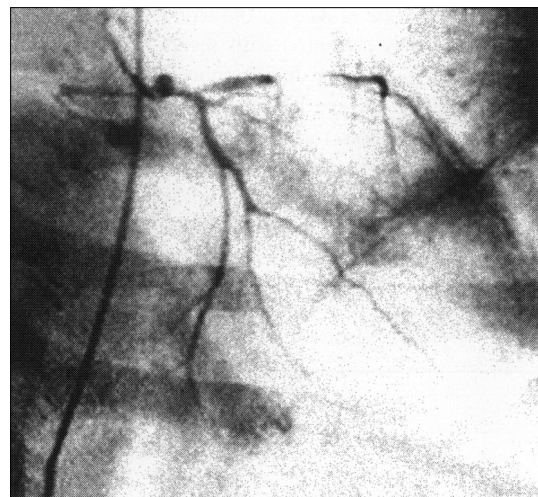


Fig. 2. Follow up coronary angiogram. Coronary angiography was done after treatment with prednisolone for 4 weeks. Critical stenotic left main coronary lesion was improved by medical treatment only.

pigtail

가

3

Takayasu's arteritis

prednisolon 60 mg 가

2

. 4 , 12

(Figs. 2 and 3) tallium - 201 SPECT

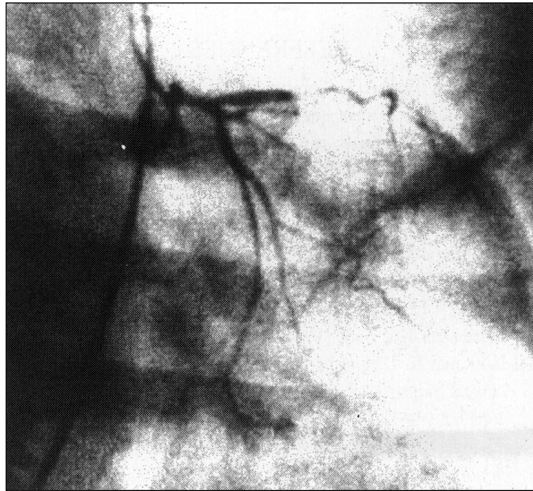


Fig. 3. Follow up coronary angiogram. Coronary angiography was done after treatment with prednisolone for 12 weeks. Critical stenotic left main coronary lesion was more improved by medical treatment only.

고 안

가
protected left main disease

1)

Takayasu's arteritis

2)

2) Takayasu's arteritis
(panaortitis)

가 . 가

29

3)

(: = 8 : 1)

4 - 6)
47 (subclavian artery)
가 55%, 53%,
45%, 38%, 15%(7)
5
6
7) Takayasu's art -
eritis 가

(Ostial lesion) Takayasu's arteritis
syphilitic arteritis,⁸⁾ dissecting aneurysm,⁹⁾ aortic
valvular disease, congenital anomaly¹⁰⁾¹¹⁾

Takayasu's arteritis
(adventitia), (media) (intima)
가

Takayasu's arteritis

(granulomatous inflammation)
(vasa vasorum)

(collagen fiber)

(hyaline

fibrosis)가

가

12 - 14)

가

Takayasu's arteritis

가

가

15)

가

16)

가

Takayasu's arteritis가

Takayasu's arteritis

가

가 Takayasu's arteritis

Takayasu's arteritis

가 가 15)

가

17)

4, 12

(CABG)

가 가

valsalva
pigtail

Takayasu's arteritis

가

가

Takayasu's

arteritis

중심 단어 : Takayasu's

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