

가 . Lupi
가
3 가
4
4 가
1

증 례

: , 32 ,
: 2
: 3
가 2
가
가 :
:
10/70 mmHg, 88 / , 22 / ,
36.5

: 15.1 g/dl,
10,600/mm³, 243,000/mm³,
49 mm/h, 1.1 mg/dl ,
(ANA), Anti - DNA Ab, CRP, Rheumatoid factor,
ASO, VDRL, Immunoglobulin
가 89.2 mmHg,
44 mmHg .
X - ray

(Fig. 1).

4

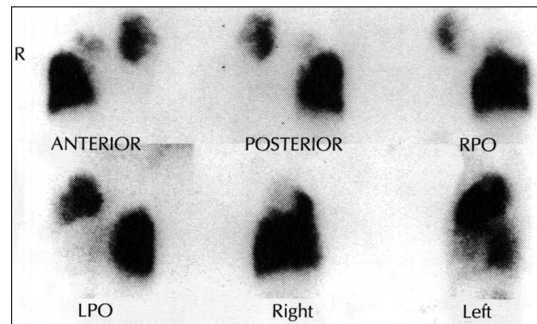


Fig. 1. Perfusion scan shows large perfusion defect in the right upper lobe and left lower lobe.

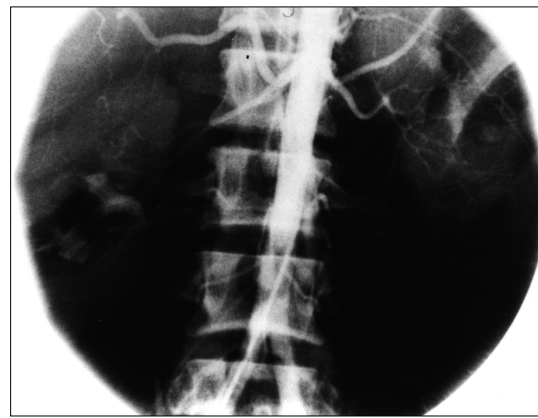


Fig. 2. Abdominal aortogram is normal.

1

, ,
(Fig. 2),
,
(Fig. 3a and b).
71 mmHg ,
1.9 L/min/m², 15 mmHg
가

glucocorticoid, coumadin,

고 안

14)17)18)
, gluc-
, methotrex-
ocorticoid가 가
ate, cyclophosphamide
7)24)26)27)
glucocorticoid 60%
glucocorticoid
9)26)27)
가 20 100%
가 40% 7)
11)21)22)
71 mmHg
가 가
가 가
7)28)29)
15 70%
9)11)17)22)
10)23)
32
가 가 4 가
72% 1
52%
가
가
가
7)10)16)
7)24) 10 75% ,
가
가
가
6)25)
중심 단어 :
4

REFERENCES

- 1) Gross WL, Plenum Press. *Classification of vasculitis. Adv-Exp-Med-Biol* 1993;336:157-63.
- 2) Yoo WC, Kim EJ, Lim SP, Lee Y. *Takayasu arteritis: A case report. Korean J Thorac Cardiovasc Surg* 1993;26: 245-8.
- 3) Kim CJ, Cho MC, Kong HH, Lee DS, Kim WS, Lee KS, et al. *Takayasu arteritis: A case complicated with acute myocardial infarction and renovascular hypertension. Korean Circulation J* 1989;19:355-63.
- 4) Song JC, Oh BS, Kang JC, Lee DJ. *Takayasu arteritis: A case of report. Korean Thorac Cardiovasc Surg* 1990;23: 402-5.
- 5) Isohisa I, Numano F, Maezawa H, Sasazuki T. *Hereditary factors in Takayasu arteritis. Angiology* 1982;33:98.
- 6) Michiyoshi Y, Fujio N, Young B, Sager S. *Comparative*

- studies of patients with Takayasu arteritis in Japan, Korea, India. *Jpn Circ J* 1994;58:9-14.
- 7) Gail S, Claire W, Joseph G, Randi Y, Anthony S, Menachem R, et al. Takayasu arteritis. *Ann Intern Med* 1994; 120:919-29.
 - 8) Lupi EH, Sanchez GT, Marcushamer J, et al. Takayasu arteritis: Clinical study of 107 cases. *Am Heart J* 1997;93: 94-103.
 - 9) Lie JT, Sjoerd S, Roger A. Isolated pulmonary takayasu arteritis: Clinicopathologic characteristics. *Mod Pathol* 1996;9:469-74.
 - 10) Sharma BK, Jain S, Sager S. Systemic manifestation of takayasu arteritis: The expanding spectrum. *Int J Cardiol* 1996;54:149-54.
 - 11) Lupi EH, Sanchez GT, Horwitz S, Gutierrez E. Pulmonary artery involvement in Takayasu arteritis. *Chest* 1975; 67:69-74.
 - 12) Yamato M, Lecky JW, Hiramatsu K, Kohda E. Takayasu arteritis: Radiographic and angiographic finding in 59 patients. *Radiology* 1986;161:329-34.
 - 13) Sharma BK, Jain S, Suri S, Numano F. Diagnostic criteria for Takayasu arteritis. *Int J Cardiol* 1996;54:141-7.
 - 14) Nakabayashi K, Kurata N, Nangi N, Miyake H, Nagasawa T. Pulmonary artery involvement as first manifestation in three case of Takayasu arteritis. *Int J Cardiol* 1996; 54:177-83.
 - 15) Park JH. Conventional and CT angiographic diagnosis of Takayasu arteritis. *Int J Cardiol* 1996;54:165-71.
 - 16) Brugiere O, Mal H, Sleiman C, Groussard O, Mellot F, Fournier M. Isolated pulmonary arteries involvement in a patient with Takayasu's arteritis. *Eur Respir J* 1998;11:767-70.
 - 17) Sharma S, Kamalaka T, Rajani M, Talwar KK, Shrivastava S. The incidence and patterns of pulmonary involvement in Takayasu arteritis. *Clin Radiol* 1990;42:177-81.
 - 18) Matsubara O, Yoshimura N, Tamura A, et al. Pathological features of the pulmonary artery in Takayasu arteritis. *Heart Vessels Suppl* 1992;7:18-25.
 - 19) Sandron D, Clarke JP, Guillemin L, Bouillard J, Pioche D. *Maldie de Takayasu a localisation arterielle pulmonaire exclusive*. *Rev Pneumol Clin*. 1989;45:217-20.
 - 20) Hen S, Liu F, Wu EH, Zhang CL, Yang JG, Tan J, et al. Pulmonary artery involvement in aortic arteritis. *Chin Med J* 1990;103:666-72.
 - 21) Kawai C, Ishikawa K, Kato M. Pulmonary pulseless disease: Pulmonary involvement in so-called Takayasu arteritis. *Chest* 1978;73:651.
 - 22) Kakkar N, Vasishta RK, Banerjee AK, Singh S, Kumar L. Pulmonary capillary hemangiomatosis as a cause of pulmonary hypertension in Takayasu's aortoarteritis. *Respiration* 1997;64:381-3.
 - 23) Kerr KM, Auger WR, Fedullo PF, Channick RH, Yi ES, Moser KM. Large vessel pulmonary arteritis mimicking chronic thromboembolic disease. *Am J Resp Crit Care Med* 1995;152:367-73.
 - 24) Fraga A, Mintz G, Valle L, Flores-Izquierdo G. Takayasu's arteritis: Requery of systemic manifestation (studt of 22 patients) and favorable response to maintenance steroid therapy with adrenocorticoid (22 patients). *Arthritis Rheum* 1972;15:617-24.
 - 25) Koyabus S, Isaka N, Yada T, Konishi T, Nakano T. Severe respiratory failure caused by recurrent pulmonary hemorrhage in Takayasu's arteritis. *Chest* 993;104:1905.
 - 26) Shelhamer JH, Volkman DJ, Parrillo JE, Lawley TJ, Johnston MR. Takayasu's arteritis and its therapy. *Ann Intern Med* 1985;10:121-6.
 - 27) Hoffman GS, Leavitt RY, Kerr GS, Rottem M, Sneller MC, Fauci AS. Treatment of glucocorticoid-resistant or relapsing Takayasu's arteritis with methotrexate. *Arthritis Rheum* 1994;37:578-82.
 - 28) Giordano JM, Leavitt RY, Hoffman G, Fauci AS. Experience with surgical treatment for Takayasu's arteritis. *Surgery* 1991;10:252-8.
 - 29) Weaver FA, Yellin AE. Surgical treatment of Takayasu's arteritis. *Heart Vessels Suppl* 1992;7:154-8.