

기쿠치씨 병의 임상적 고찰

최충식 · 최 건 · 조재훈 · 정광윤 · 최종욱

Clinical Considerations of Kikuchi's Disease

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- ABSTRACT -

Background and Objectives : Kikuchi's disease, also known as various terms, is the benign self limiting disease of unknown origin. It causes cervical lymphadenitis, usually in young women with frequent fever. Also it may be mistaken for malignant lymphoma or other systemic granulomatous inflammatory disease. The purpose of this study is to report the characteristics of clinical, laboratory and pathologic findings of Kikuchi's disease. **Materials and Methods** : We evaluated 29 patients, who were diagnosed as Kikuchi's disease with excisional biopsies, retrospectively. **Results** : There was female predilection and the most common presenting symptoms was fever. The common involvement site were superior and inferior internal jugular chain and spinal accessory chain. Laboratory findings revealed that leukopenia and high ESR (erythrocyte sedimentation rate) were noted and admixture of monocyte and histiocyte with karyorrhetic debris were observed in the biopsy specimen. Only two of twelve cases were positive finding of Kikuchi's disease on fine-needle aspiration cytology. **Conclusions** : We described 29 cases of Kikuchi's disease with clinical, laboratory and pathologic findings and reviewed the literature. And it will be needed further study to improve the technique and accuracy of fine-needle aspiration cytology. (*J Clinical Otolaryngol* 2000;11:92-97)

KEY WORD : Kikuchi's disease.

서 론

(Kikuchi's disease)

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대상 및 방법

1990 1999

29

결 과

임상적 소견 (Table 1)

10 : 19

41 26.2

20

29 20 (69.0%)

20 11

19 (65.5%)

5 (17.2%)

Table 1. Clinical characteristics

Characteristics	No.
Male/Female	10/19
Mean age (years)	26.2
Symptoms	
Fever	20/29
Night fever	11/20
Cervical tenderness	19/29
Bilaterality	5/29
Involvement site	
Spinal accessory chain	15/29
Sup. & mid. IJC	13/29
Supraclavicular chain	1/29
Multiplicity	26/29
Splenomegaly	1/ 8
Spontaneous regression (days)	20 - 40

IJC : internal jugular chain

1 . 3

26 (90.0%)

1 2 cm

8 1

1

20 40 8 40

9

1

11 혈액 및 혈청학적 검사 소견 (Table 2)

28 가

4000/mm³ 가 15

4000/mm³ 10000/mm³

13 150,000/mm³

Table 2. Hematologic and serologic test

Test	Value	No.
WBC	< 4000/mm ³	15/28
	4000 - 10000/mm ³	13/28
Platelet	< 150000/mm ³	6/28
ESR	> 20 mm/hr	13/20
GOT/GPT	Normal	25/25
LDH	> 200	9/ 9
CRP	positive	5/ 6
RF	positive	0/ 3
ANA	positive	0/ 3
Widal test	positive	1/ 4
	negative	3/ 3
EBV-VCA	IgG (+)	3/ 3
	IgM (+)	0/ 3
CMV, HSV	IgG (+)	3/ 3
	IgM (+)	0/ 3

WBC : white blood cell,
 ESR : erythrocyte sedimentation rate
 GOT/GPT : glutamic oxaloacetic transaminase/gluta-
 mic pyruvic transaminase
 LDH : lactic dehydrogenase, CRP : C-reactive protein
 RF : rheumatoid factor, ANA : antinuclear antibody
 EBV-VCA : Epstein Barr virus-viral capsid antigen
 CMV : Cytomegalovirus, HSV : Herpes simplex virus

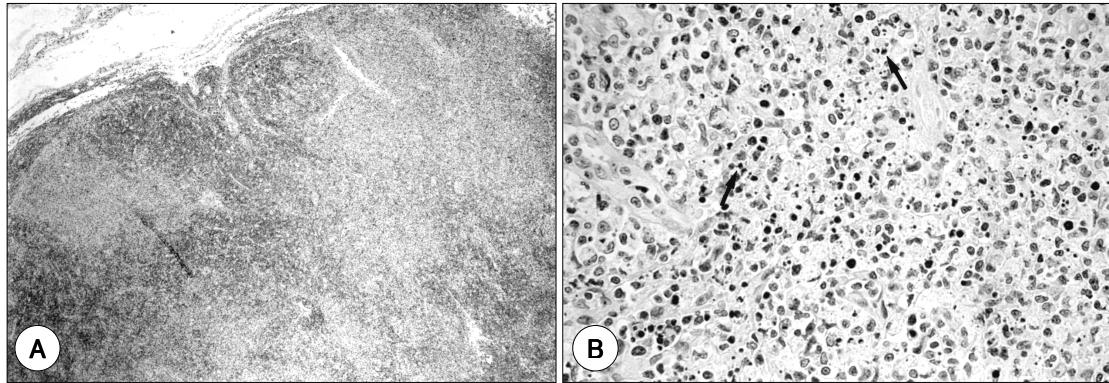


Fig. 1. Microscopic finding of Kikuchi's disease. A : There are multiple, discrete, coalescing pale nodules in a lymph node (H & E, x40). B : There are admixed monocytes, histiocytes, and karyorrhetic debris (arrows) (H & E, x400).

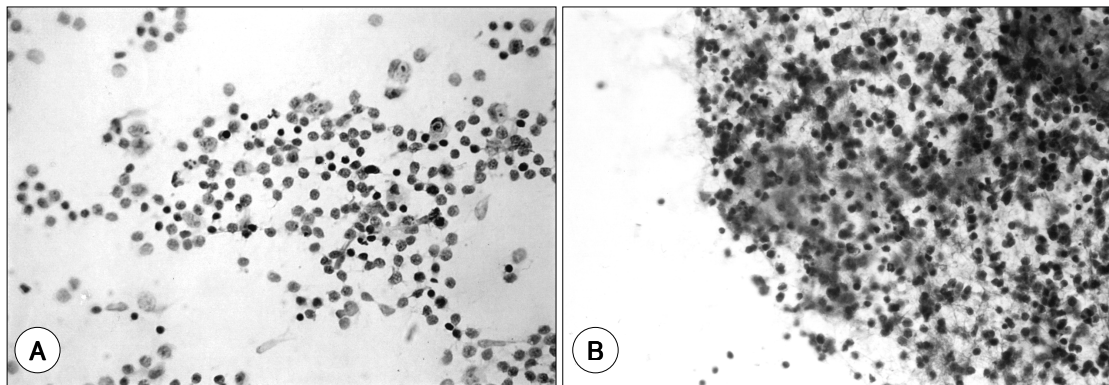


Fig. 2. Fine needle aspiration finding of Kikuchi's disease. The smears reveals some scattered medium-sized monocytes and histiocytes admixed with karyorrhetic debris (A : H & E, B : Pananicolau stain, x400).

000/mm ³	가 6 (21.4%)	100,	병리조직학적 소견
	2	.	
(erythrocyte sedimentation rate, ESR)			12 2
20 13 20 mm/hr			.
26 mm/hr		GOT/	가
GTP 25		가	
LDH (Lactate dehydrogenase)		9	(Fig. 1A).
200		. CRP(C - reactive prot -	
ein) 6 5		RF(Rh -	
eumatoid factor)	ANA(antinuclear antigen)	(karyorrhetic debris)	가 (Fig. 1B).
3	. Widal	가	
4 1		EBV -	
VCA	3	IgG , IgM	(Fig. 2A
가	.		and B).

고 찰

1972 Kikuchi⁵⁾ Fujimoto⁶⁾
 (necrotizing lymphadenitis),
 (subacute necrotizing lymphadenitis),
 (histiocytic necrotizing lymphadenitis)
 가

ESR 가
 colony - forming unit¹¹⁾ 53.6%
 65% ESR 20 mm/hr 가 21.4%
 가
 GOT/GPT, LDH
 Widal 1
 가
 CRP 6 5 가
 가
 가

Ebstein Barr virus(EBV), Cytomegalovirus(CMV), Varicella zoster virus, Human herpes virus - 6⁷⁾⁸⁾ Yersinia enterocolitica⁹⁾ Toxoplasma gondii¹⁰⁾

3 EBV IgG,
 CMV, Herpes simplex virus¹²⁾¹³⁾

Turner¹⁾ 28
 9 T
 93% 27%¹⁴⁾ T -

15)
 가
 26.2 1 : 2¹⁶⁾ 12 2
 30
 1
 가
 가
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 , 3
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 가

, Cat - scratch , , Lymphogranuloma ven -
ereum, Toxoplasmosis, Yersinia

Dorfman 40%
가
가
가

hematoxylin 가
Ziehl - Neelsen 18) Catsc -
Lymphogranuloma venereum

19) Toxoplasmosis 가
Yesinia
가
가

12)15) 108
Dorfman 2
가
15) LDH ANA

20)
결 론
29

가
중심 단어 :

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