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. 10 20 , $. \ \, 1948 \ \, \text{Jaffe Lichten} \qquad \qquad , \qquad \qquad , \\ \text{stein}^{\tilde{0}} \qquad \qquad , \qquad \qquad , \\$

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, 1.5× 1.7cm

(Fig. 2). , 가

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19 3

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0.5% 11). 30



Fig. 1. A radiograph of the 5th finger shows radiolutcent lesion with focal calcification.



Fig. 2. The tumor shows gray white myxoid lobulated appearance.

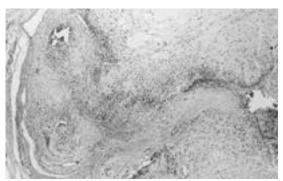


Fig. 3. The lesion has a lobulated edge and is sharply demarcated from the surrounding tissue (H-E \times 40).

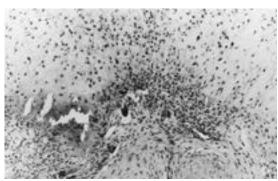


Fig. 4. Details of the edge of the lobule show increased cellularity and benign giant cells(H-E \times 100).



Fig. 5. Chondromyxoid fibroma involving the distal phalanx of the third finger in a 19-year-old man. The lesion is purely lytic and expansile appearance.

60~80 ,

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REFERENCES

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- 1) **Anderson WE, Bowers WH**: Chondromyxoid fibroma of the proximal phalanx. A tumor that may be confused with chondrosarcoma. *J Hand Surg*, 11-B:144-146, 1986.
- 2) Batsakis JG, Raymond AK: Chondromyxoid fibroma. *Ann Otol Rhinol Laryngol*, 98: 571-572, 1989.
- 3) **Blair WF, Robinson RA**: Chondromyxoid fibroma in a carpal bone. *Clin Orthop*, 188:199-202, 1984.
- 4) **Dahlin DC**: Chondromyxoid fibroma of bone with emphasis on its morphological relationship to

- benign chondroblastoma. Cancer, 9:195-203, 1956.
- 5) **Fujii N, Eliseo ML**: Chondromyxoid fibroma of the maxilla. *J Oral Maxillofac Surg*, 46:235-238, 1988.
- 6) **Gherlinzoni F, Rock M, Picci P**: Chondromyxoid fibroma: The experience at the instituto Ortopedico Rizzoli. *J Bone Joint Surg*, 65-A:198-204, 1983.
- Jaffe HL, Lichtenstein L: Chondromyxoid fibroma of bone. *Arch Pathol*, 45:541-551, 1948.
- 8) **Schajowicz F, Gallardo H**: Chondromyxoid fibroma of bone. a clinicopathologic study of thirty-two cases. *J Bone Joint Surg*, 53-B:198-216, 1971.
- Strauch RJ, Kleinman WB: Chondromyxoid fibroma of a metacarpal: A case report and review of the literature. *J Hand Surg*, 21-A:293-295, 1996.
- Tornberg DN, Rice RW, Johnston AD: The ultrastructure of chondromyxoid fibroma: its biologic and diagnostic implications. *Clin Orthop*, 95:295-299, 1973.
- 11) **Unni KK**: *Dahlin's bone tumors*. General aspects and data on 11087 cases. 5th ed. Philadephia, Lippincott-Raven, p59, 1996.
- 12) Wu CT, Inwards CY, O'Laughlin S, Rock MG, Beabout JW, Unni KK: Chondromyxoid fibroma of bone: a clinicopathologic review of 278 cases. *Hum Pathol*, 29:438-446,1998.
- 13) **Zillmer DA, Dorfman HD**: Chondromyxoid fibroma of bone: Thirty-six cases with clinicopathologic correlation. *Hum Pathol*, 20:952-964, 1989.

Abstract

Chondromyxoid Fibroma of the Hand - Report of two cases -

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Chondromyxoid fibroma occurring in the hand is a rare benign tumor. Radiologically and histologically, it should be differentiated from the other benign bone lesions in the hand, such as enchondroma, chondroblastoma, giant cell reparative granuloma and chondrosarcoma.

This report is dealt with 59-year-old female and 19-year-old male patient presenting lesions on their digits and escribed unusual clinical, radiological and pathological features.

Key Words: Chondromyxoid fibroma, Hand

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