



1%

1%

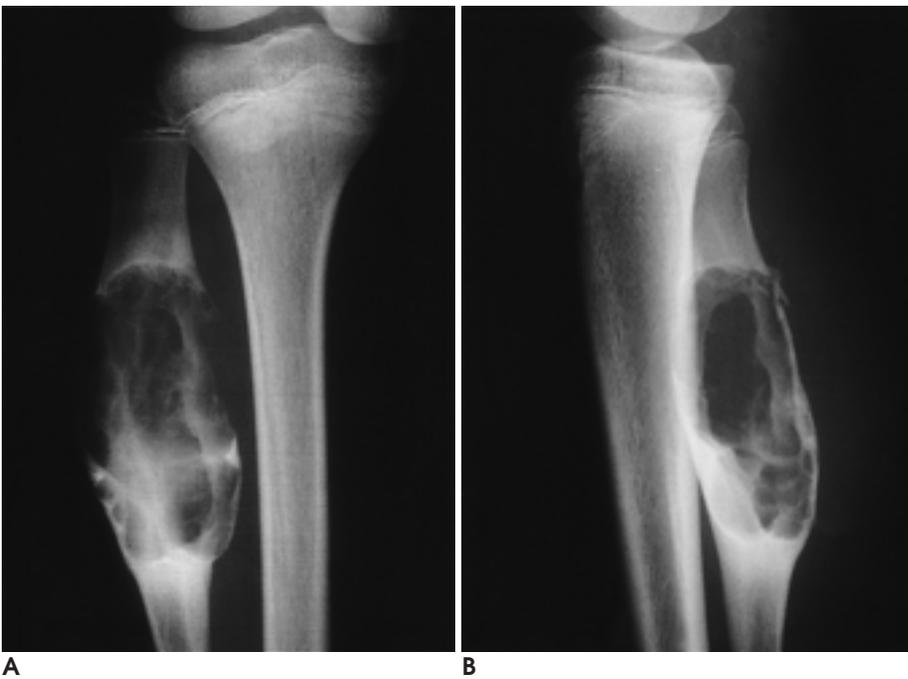
T1

, T2

(1, 2).

(1, 3).

14



A

B

Fig. 1. Anteroposterior (A) and lateral (B) radiographs of the right leg show a large expanded, lobulated osteolytic mass in the metadiaphysis of the fibula. This mass has sclerotic rim and multiple septa.

1

2

2000 3 14

2000 5 25

14 가
(limping gait)
10 cm

가

5x

T2

가

T1

(Fig. 1).

(Fig. 2).

8x4.5 cm

가

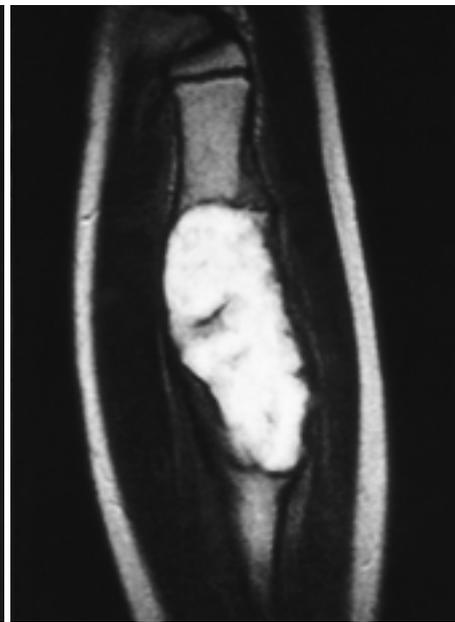
가

(Fig. 3).

가



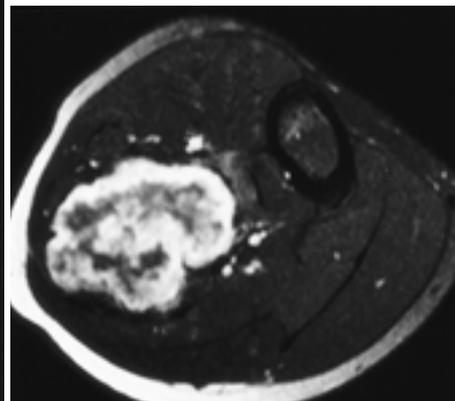
A



B



C



D

Fig. 2. **A.** Sagittal T1 weighted image shows an elongated, expanded and lobulated lesion of relatively low signal intensity in the proximal of fibula. **B.** This lesion shows diffuse high signal intensity with a thin hypointense rim and multiple hypointense septa on sagittal T2 weighted image. **C, D.** Enhanced coronal (C) and axial (D) T1 weighted images show intense and thick marginal enhancement and inner multinodular enhancement.

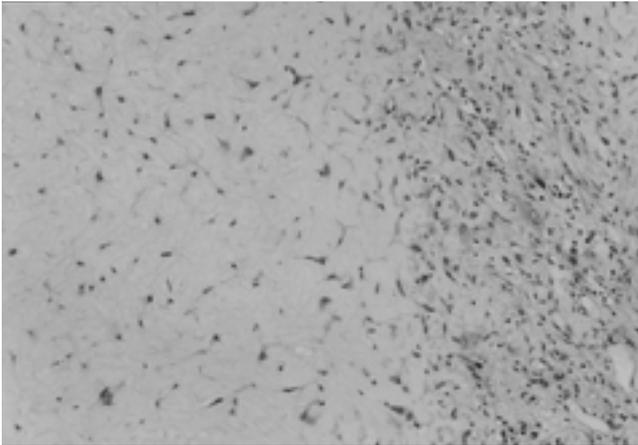


Fig. 3. Photomicrograph shows alternating cellular and hypocellular areas. There are angular, often stellate cells in a myxoid stroma that may appear chondroid. (H and E stain × 40)

가
(5).

25 - 34% 가 ,
가 (40),
(6).
T1 , T2

T2
cartilage)
(mucopolysaccharide)

(3).
(hyalin

(3).

가

Lichtenstein , 10 - 30 , 1948 Jaffe
30 (1, 2).
38 (3, 4). Wilson
24%, 11% , 61%,
가 47%,
가 26%, 15 1
(1).

(mineral -
ization)가
가
(7).

(3),
(1).

가 (10%
15)
(5).

(1, 3, 4).

가
, 10 - 30

T2

(1).
(4).

(scalloped)

(5).
(cortical bite)

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A Chondromyxoid Fibroma of the Fibula: A Case Report¹

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Chondromyxoid fibroma is the least common benign bone tumor, accounting for less than 1% of all bone tumors. Pathologically, it is composed of varying proportions of chondroid, myxoid and fibrous elements. The most common anatomical site is the metaphyseal region of the long bone, and the typical radiologic appearance is a cortical expansile osteolytic lesion with a lobulated sclerotic margin, and septa.

We report the plain and MRI findings of a relatively typical chondromyxoid fibroma occurring in the proximal fibula.

Index words : Chondromyxoid fibroma

Bone neoplasms

Bone neoplasms, MR

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