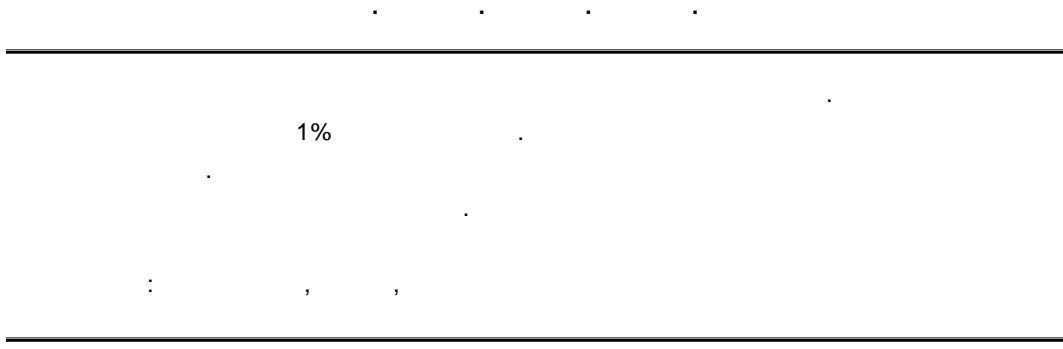


()



1%
Codman²⁾ 1%
Mann¹⁾ 1931
Bliss (Fig. 1).
T2
T1
(Fig. 2A-B).
가
1, 2 (1, 2
ICSR A) . 4×4 mm
2 17
Chicken wire(Fig.
3A-B)
. 5
, anatomical snuff box

633-165

Tel: 051) 890-6129, Fax: 051) 892-6619, E-mail: kykim@inje.ac.kr

(Fig. 4).



Fig. 1. Initial radiography (ulnar deviation anteroposterior view) of right hand. Initial radiogram revealed cystic bone lesion in the scaphoid, narrowing of radiocarpal joint.

1942 Jeffe Lichtenstein⁷⁾
 20 ~ 30
 1%
 가
 10%
 3)
 Huvos Marcove⁸⁾ 1973
 3
 , Dally⁴⁾
 Springfield⁹⁾
 , Menon⁶⁾



Fig. 2. Magnetic resonance image of right hand. Magnetic resonance image of the wrist showed high signal intensity of the lesion on T2 weighted image (A) and diffuse strong enhancement of lesion on postcontrast T1 weighted image (B).

REFERENCES

- 1) **Bliss DG, Mann RJ**: Chondroblastoma of a metacarpal. Report of a case and review of literature. *Clin. Orthop*, 194 : 211-213, 1985.
- 2) **Codman EA**: Epiphyseal chondromatous giant cell

가

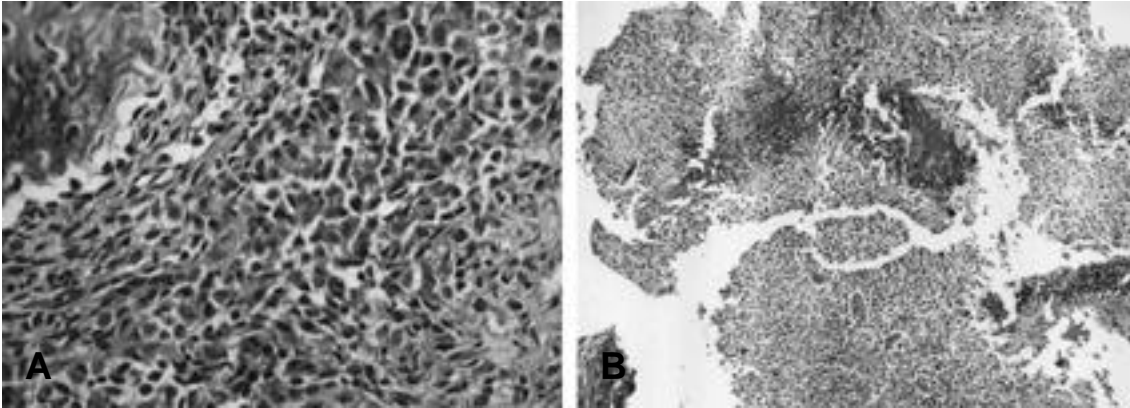


Fig. 3. Photomicrograph. (A) The individual chondroblasts are round to polygonal appearance with sharply defined cytoplasmic borders and have round to ovoid nuclei and occasional small nucleoli. Nuclear grooves and indentations are seen (H-E × 200). (B) Chondroblastoma with sheets of mostly uniform-appearing chondroblasts and scattered osteoclast type giant cell (H-E × 40).



Fig. 4. There was no evidence of recurrence at the 5-year follow-up examination

- tumor of the upper end of the humerus. *Surgery, Gynecology and Obstetrics*. 52:543, 1931.
- 3) **Dahlin DC, Ivins JC**: Benign chondroblastoma. A study of 125 cases. *Cancer*, 41-431, 1972.
 - 4) **Dally KE, Chow JWM, Vickers RH**: Excision of the hamate for unusual hand tumor. *J Hand Surg*. 18B: 606-608, 1993.
 - 5) **Huvos AG, Marcove RC**: Chondroblastoma of bone. A critical review. *Clin. Orthop*. 95:300-15, 1973.
 - 6) **Menon J, Rankin D, Jacobson C**: Recurrent osteoblastoma of the carpal hamate. *Orthopedics*, 11:4:609-611, 1988.
 - 7) **Jaffe LH, Lichtenstein L**: Benign chondroblastoma. A reinterpretation of the so-called calcifying or chondromatous giant cell tumor. *Am J Pathol*, 18:969-991, 1942.
 - 8) **Springfield DS, Capanna R, Gherlinzoni F, Picci P, Campanacci M**: Chondroblastoma. A review of seventy cases. *J Bone Joint Surg*. 748-755, 1985.

Abstract

**Chondroblastoma of the carpal scaphoid
(A Case Report)**

**Chung Kyung Chil, M.D., Kim Key Yong, M.D., Choi Jang Suk, M.D.,
Seo Seung Suk, M.D., Kim Kyoung Whan, M.D.**

*Department of Orthopaedic Surgery, Pusan Paik Hospital,
University of Inje, Busan Korea*

Chondroblastoma is relatively rare benign neoplasm with predilection for the epiphysis of long bones. Benign chondroblastomas of bone comprise approximately 1% of benign bone tumors in several reported series. Chondroblastoma in the carpus is extremely rare in english literature. We report the case of a chondroblastoma in the carpal scaphoid.

Key Words: Chondroblastoma, Scaphoid, Hand

Address reprint requests to

Kim Key Yong, M.D.
Department of Orthopaedics, Busan Paik Hospital, Inje University Medical School,
633-165 Gaegeum-dong, Busan Jin-gu, Busan 614-735, Korea
TEL: 82-51-890-6129, Fax: 82-51-892-6619, E-mail: kykim@inje.ac.kr