

Maffucci

Maffucci 1881 .
 (Ollier disease) . Ollier 1899 .
 hemangioma Maffucci 가
 Maffucci 가 59
 1 2 ,
 : Maffucci , ,

Maffucci 2
 . 2
 1881 Angelo Maffucci 3 cm x 1 cm x 2 cm
 . 1967
 5 가 (2,5-7) . 1
 Maffucci (Fig. 1-A). 1 2
 가
 . 35
 59 1

: 633-165

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(Fig. 4 A-B).

1

(Fig. 2A-B).



Fig. 1. (A) Photograph before surgery. There were a 3 × 2 cm sized firm oval mass on the dorsal aspect of middle phalanx of the left index finger and 0.8 × 0.5 cm, 0.5 × 0.5 cm sized firm irregular masses on the multiple location of distal phalanx of the left thumb. (B) Photograph of the left hand obtained during surgery shows the yellowish enchondromas, clearly visible after incisions were made and the skin was moved aside. (C) Gross specimen consisting of pale yellowish masses of cartilaginous tissue and containing small gray, mineralized areas.



Fig. 2. Radiograph (anteroposterior view) of left hand. 1st distal phalanx ulnar side cortical disruption around soft tissue density was checked. on cortical disruption, speckled calcification. diffuse osteolytic lesion. cortical thinning. cortical expansion. around MCP joint. multiple osteolytic lesion. 2nd middle phalanx base ulnar side cortical disruption. speckled calcification. around large soft tissue density increases. 3rd proximal phalanx radial side eccentric location. cortical thinning & expansion. (B) radiograph (lateral view) of left 1st & 2nd finger. index finger dorsal side speckled calcification. thumb volar side cortical expansion. speckled calcification.

1 2

Maffucci
 (Fig. 1 B-C).
 가
 (Fig 3. A-B) 가 8).
 Nakamura⁹⁾ Maffucci
 . 1
 (tubular bone) 가

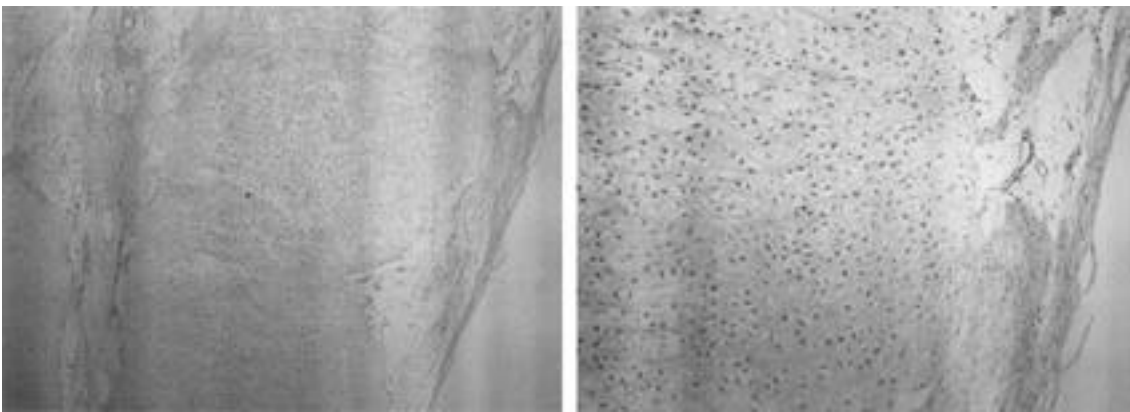


Fig. 3. Microscopic finding of soft tissue mass. The cartilage is in the form of lobule but is somewhat hypercellular and shows minimal nuclear atypia. (H&E, × 40, × 100)

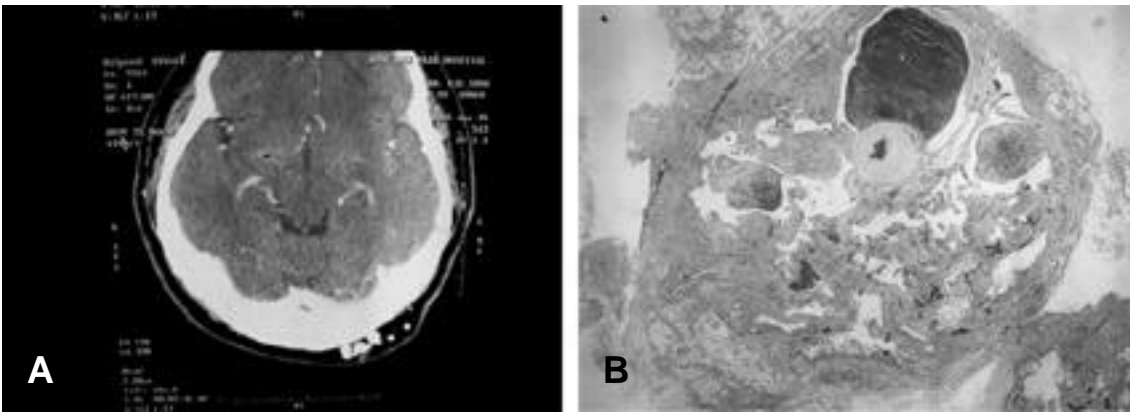


Fig. 4. Subcutaneous hemangioma of skull. (A) computer tomography of subcutaneous hemangioma on posterolateral aspect of left occipital area. (B) The tumor is composed of small and large vascular channels containing RBC's, organizing thrombi and hyalinized materials. (H&E, × 12.5)

— : Maffucci —

. Lewis Ketcham⁸⁾
 25% 1 , Maffucci
 45% 6 , 78% 가

Maffucci

Maffucci 1899

Ollier (Ollier)
 Maffucci Ollier
 Maffucci 가
 . Dahlin¹⁾ Ollier 36 10
 25 30% ³⁾
 Maffucci
 , 1973 Lewis⁸⁾ 15.2%, Sun¹⁰⁾
 56%, Kaplan⁴⁾ 30%

가

,
⁸⁾. Herbert³⁾ Maffucci
 100%

Ollier Maffucci

가 , , -

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Abstract

**Maffucci Syndrome
Enchondromatosis of Hand with Hemangioma of Scalp
A Case Report**

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Maffucci syndrome was first reported by Maffucci, an Italian, in 1881. This rare, nonhereditary syndrome is characterized by multiple enchondromas combined with hemangiomas and less commonly lymphangiomas. Maffucci syndrome is sometimes confused with Ollier disease, which was described in 1899 and consists of multiple enchondromas without hemangiomas. Although the prevalence of malignant change in skeletal lesions in Maffucci syndrome and Ollier disease is quite similar, it is important to differentiate between these two conditions because of the greater risk of developing nonmusculoskeletal malignancies in the former. We experienced a case of this rare syndrome and because of its rarity, we report with review of literature.

Key Words: Maffucci syndrome, Enchondromatosis, Hemangioma

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