

15 , 1 , 2002 1

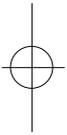
The Journal of the Korean Society of Fractures
Vol.15, No.1, January, 2002

VIII 가

- 1 -

. . .

< > 가
 VIII 가
 . VIII 가
 1
 .
 : , VIII ,



Volkman

, ,

8

2 m

VIII (factor VIII) inhibitor가

1

1

A

VIII

inhibitor가

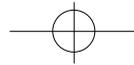
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IX 1000 unit 3000 unit

Gartland, type 2

III A activated partial thromboplastin time(a PTT) 110 VIII IX

2 VIII IX

inhibitor가 VIII A VIII 2 VIII

IX 1,000 unit VIII 1,000 unit, IX 4 VIII, IX VIII

K-wires (Fig. 1B). VIII IX Bethesda unit

1 (cotton bandage)

(Hemoglobin/Hematocrit; 6.8/21.3), VIII

(packed red cell)

1 2 aPTT 57.3 , 60.3

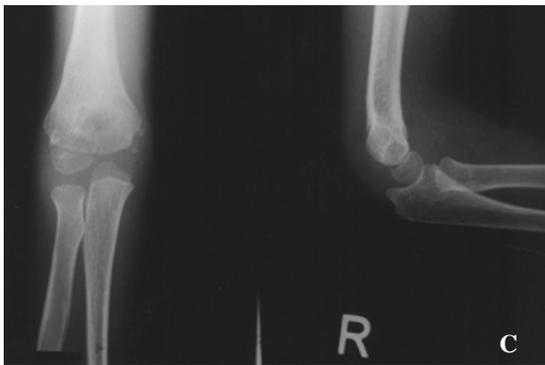


Fig 1. A. Preoperative radiographs show complete, posteromedial displacement of distal fragment of supracondylar fracture.
 B. Postoperative radiographs show reduction and fixation with medial and lateral pins of fracture.
 C. Postoperative 4 months radiographs show complete union of fracture.
 D. Patient with right radial nerve palsy. Note the inability to extend the wrist dorsally.



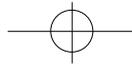


Fig 1. E. Four months after injury, the patient can extend the wrist and fingers

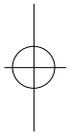
4
(Fig. 1C),
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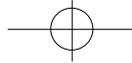
3)(Fig. 1D,E).

Nilsson
VIII 20%
¹⁾, Boardman
2-4 , 5-7
VIII 30%
Wolff kg 25 unit
7 , 가
14 , 가

가 , 60,000-100,000 unit

infusion study
(concentrate)
activity) 70-100%
¹⁵⁾
VIII inhibitor가
가 , inhibitor 6-
21% inhibitor VIII
⁶⁾ inhibitor
VIII
가 ^{4,5,6)} VIII
6 10
가 , 6 10
가 ,
가가
가 가 ^{4,6)} VIII
inhibitor가 , VIII
activated prothrombin complex concentrates
(PCCs) VIII
가
⁶⁾
VIII IX 가
1,000 unit
VIII IX
가
가 inhibitor가
가
IX
VIII





aPTT

VIII, IX

가

supracondylar fractures of the humerus in children. J Bone Joint Surg, 72-A: 1211-1215, 1990.

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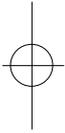
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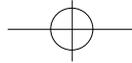
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Abstract

Supracondylar Fracture of the Humerus in a Hemophiliac with Antibodies to Factor VIII - A Case Report -

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<Abstract>

Fractures in hemophiliacs with antibodies to factor VIII are very rare, and the presence of antibodies to factor VIII in the patient's blood makes antihemophilic replacement therapy and operative treatment extremely difficult. We treated one case of supracondylar fracture of the humerus in hemophiliac with antibodies to factor VIII surgically and present that case with a review of the literature.

Key Words : Hemophiliac, Antibody to factor VIII, Supracondylar fracture

