

— Abstract —

Distal Clavicle Tunnel Widening after Coracoclavicular Ligament Reconstruction with Semitendinous Tendon: A Case Report

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Distal clavicle tunnel widening was observed in coracoclavicular ligament reconstruction with semitendinous tendon autografts in a patient with acromioclavicular joint injury. Acromioclavicular joint separation, in a 44 years-old man was treated by coracoclavicular ligament reconstruction. We have performed x-ray evaluation on 2years 10months after surgery. The immediate postoperative tunnel size was measured 4.5mm in diameter. At postoperative 2years 10month the tunnel diameter was from 9.3 to 11.4mm. But the weightbearing clavicle view showed no significant acromioclavicular joint separation. Moreover the patient complained only minor intermittent shoulder discomfort.

Key Words: Distal clavicle, Acromioclavicular joint injury, Coracoclavicular ligament reconstruction, Tunnel widening

2,6,8,12)

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1990

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1 280-1

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1999
가 (beach chair position)
4.5 mm
가
7 cm
3~4 cm
가
1.5 cm, 0.5~1.0 cm
44 2
3.2 mm
4.5 mm
No.5 Ethibond(Ethicon, Somerville, NJ) 4가
가
(Fig. 1). 가 Ethibond 3가
(Fig. 2).
III



Fig. 1. Preoperative shoulder anteroposterior roentgenogram showing acromioclavicular joint separation



Fig. 2. Weightbearing view of the both acromioclavicular joint. Right acromioclavicular joint show wide displacement compared to left shoulder.

PACS(Picture Archiving and Communications System, General Electrics, Chicago, IL)

4.5 mm

3

5.0~6.5 mm

2

10

9.3~11.4 mm

(Fig. 3).

(Fig. 4).

24%

13)

가

1/4

4,7)

가

II

가

가

7)



Fig. 3. Right shoulder anteroposterior x-ray at final follow-up. Different view also showed tunnel widening from 9.3 to 11.4 mm.



Fig. 4. The weightbearing view of both clavicle anteroposterior x-ray at final follow-up. No definite difference compare to the uninjured side.

가
 6,12)
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 1-3, 8-11)
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 가 “ (wind shield wiper) ” “ (bungee) ” 가
 5,9)
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 가 2 10
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