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(Regan W. & Morrey B. classification type II)

Moritomo

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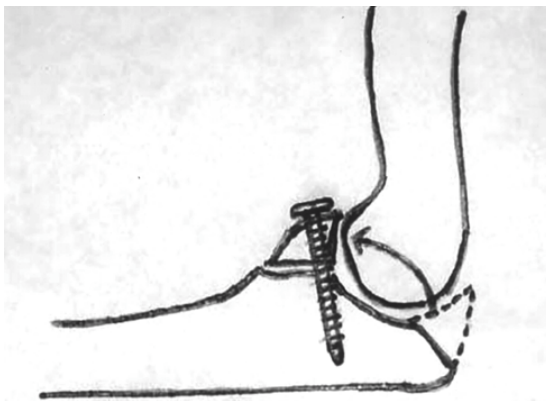


Fig 1 : Initial X-ray shows that coronoid process is displaced and radial head was dislocated posterior.

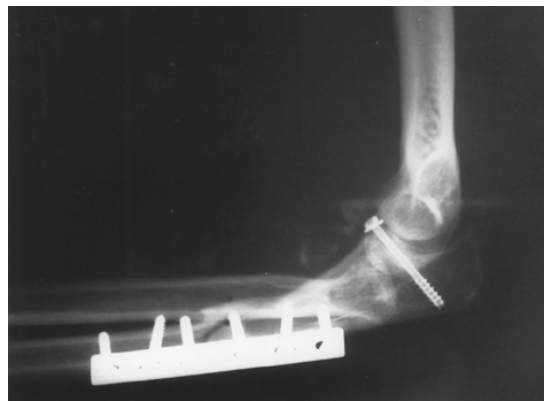


Fig 2 : Schematic figure of Reconstruction of the coronoid process using of a graft from the olecranon



Fig 3-a, 3-b : Post operative radiography of Reconstruction of the coronoid process

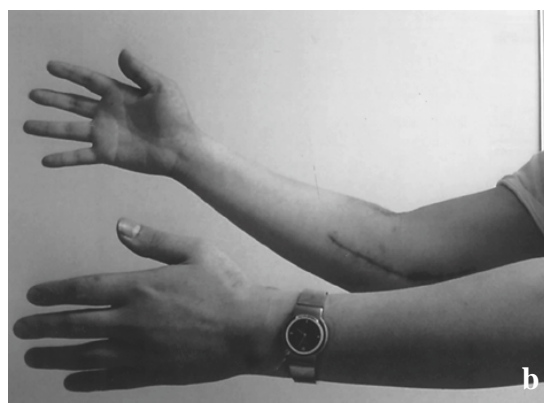


Fig 4-a, 4-b : After post operative 6 months, He gain a functional range of motion and stable elbow joint.

(Fig 1).
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 (Fig. 2.),
 (Fig 3a, 3b)
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Abstract

Reconstruction of the coronoid process using a graft from the olecranon of the same side for chronic posterior dislocation of the elbow

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It is reported when posterior dislocation of the elbow with the fracture of the coronoid process is occurred, if they can't achieve the reduction of coronoid process, the patient would have the elbow instability. That is required to open reduction of coronoid process.

Limitation of the elbow motion and persistent posterior dislocation of the elbow result from failure of reduction of coronoid process in acute injury. That patients have been treated by distraction arthroplasty, total elbow replacement, arthrodesis, and coronoid process reconstruction.

We experienced one case that had a excellent result from reconstruction of the coronoid process using a graft from the olecranon of same side in 28 years old man.

Key Words : Coronoid process, Olecranon, Posterior dislocation of the elbow, Coronoid process reconstruction.

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