

Bilateral Fracture of Olecranon after a Scissors Kick of a Footballer

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| Received: 11.01.2019 | Accepted: 20.01.2019 | Published: 30.01.2019

DOI: 10.36347/sjams.2019.v07i01.056

Abstract

Case Report

Olecranon fractures are articulation of the elbow fractures, usually caused by indirect traumatic damage following a fall on the hand, or by direct traumatic fall with reception on the elbow. However, bilateral fractures of the lumbar Olecranon are rare and most importantly, they happen in sports. We report the observation of a soccer player with a bilateral fracture of his olecranon after a scissors kick.

Keywords: Bilateral fracture, olecranon, sport.

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INTRODUCTION

Though Olecranon fractures are usually caused by indirect trauma after a sudden fall on the hand, bilateral fractures of the olecranon are rare. We report the observation of a footballer with a bilateral fracture of the olecranon following a scissors kick.

CLINICAL CASE

It was a young sporting patient of 24 years old with no specific pathological background, who presented during a football match and following a

scissors kick, a fall with reception on both elbows resulting in a total functional impotence of two upper limbs with swelling of both elbows, pain of both elbows without cutaneous opening or sensory motor deficiency. The front and profile radiograph views of the elbows had objectified a bilateral fracture of the olecranon: simple on the left, but complex on the right. The patient benefited from a racking guying of the two olecranon with early postoperative reeducation. Two months after the operation, the fracture was consolidated with satisfactory mobility of both elbows.



Image-1: Clinical appearance of bilateral code trauma in our patient



Image-2: Bilateral fracture of olecranon



Image-3: Control radiography after bilateral racking guying osteosynthesis

DISCUSSION

The bilateral fracture of the olecranon remains a rare entity. It has been reported in patients with rheumatoid arthritis, osteogenesis imperfecta and as a stress fracture, it has even been revealed sarcoidosis. However, the bilateral fracture of the olecranon in an adult without antecedent has only been reported once in the literature. We report the case of a bilateral fracture of the olecranon in a footballer following a "scissors kick".

CONCLUSION

This case highlights the risk of fractures associated with "scissors kick" in the footballer

especially in the terrain not suited to the practice of the sport.

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