

Reconstruction Surgery of Fracture of the Shaft of Humerus

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ABSTRACT

Fracture of the shaft of the humerus is usually caused by trauma due to fall. Symptoms are pain, swelling, and bruising. Diagnosis is confirmed by X-rays. We describe a case of fracture of the shaft of the humerus in a 68-year-old male which was treated with screw and plating. Recovery was uneventful.

Key words: Fracture, humerus, orthopedic, reconstruction, surgery, X-ray

INTRODUCTION

An interruption of the shaft of the humerus (break) is called fracture of the shaft of the humerus.^[1] Symptoms include pain, swelling, and bruising. There may be a decreased ability to move the arm. Complications include injury to an artery or nerve. The cause of a humerus [Figure 1] fracture is usually physical trauma such as a fall or cancer in the bone. Diagnosis is confirmed by X-rays. A computed tomography/magnetic resonance imaging scan is required in getting further details of nerve or vessel damage.

Treatment options include among other surgical repair with plating and nails. Shaft fractures generally have good outcome.

CASE REPORT

The patient was aged about 68 years and fell down from the bed and sustained the fracture of the shaft of the humerus. He was treated with nail and plating [Figure 2] and the fracture sites were united^[2,3] [Figure 3] in about 6 months. There was no wrist drop. Physiotherapy by himself was advised.



Figure 1: Fracture shaft humerus



Figure 2: Fracture repaired, skin stitched

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Figure 3: Plating and healed

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