

1. Record Nr.	UNINA9910300234203321
Titolo	Simple and Complex Fractures of the Humerus : A Guide to Assessment and Treatment / / edited by Filippo Castoldi, Davide Blonna, Marco Assom
Pubbl/distr/stampa	Milano : , : Springer Milan : , : Imprint : Springer, , 2015
ISBN	88-470-5307-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (341 p.)
Disciplina	610 616.7 617.1027 617.47
Soggetti	Orthopedics Sports medicine Orthopedic surgery Orthopaedics Sports Medicine Surgical Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	PART 1 Proximal humerus: 1 Main anatomy -- 2 Understanding the Fracture -- 3 Operating theatre setup.- 4 Closed reduction principles -- 5 Surgical Approaches -- 6 Percutaneous fixation: when and how -- 7 ORIF in three-/four-part fractures -- 8 Intramedullary nail rationale and surgical technique -- 9 Anatomical shoulder arthroplasty -- 10 Reverse total shoulder arthroplasty -- 11 Surgical neck fracture.- 12 The tuberosities -- 13 Malunions of the tuberosity -- 14 Nerve injuries -- 15 Fracture dislocations -- 16 Treatment of the sequelae -- 17 Conservative treatment -- PART 2 The diaphysis: 18 Surgical anatomy -- 19 Radial palsy and humerus fractures -- 20 Internal Fixation: plate or IM Nail -- 21 External fixation -- 22 Periprosthetic fracture -- PART 3 Distal Humerus: 23 Surgical anatomy -- 24 Surgical approaches and fracture pattern -- 25 Internal fixation principles -- 26 Prostheses -- 27 External fixation when and how -- 28 Malunion and non union --

## 29 Terrible triad.

### Sommario/riassunto

The treatment of humeral fractures is a complex issue and the source of considerable controversy. In the case of fractures of the proximal humerus, early range of motion is the main aim of treatment. If a fracture modifies the anatomy or function of the glenohumeral and scapulothoracic joints, the surgeon must adhere meticulously to treatment principles in order to ensure a satisfactory outcome. Humeral shaft fractures are frequent, accounting for 1% to 3% of all fractures in adults; while excellent functional results have been reported with nonoperative management, open reduction and internal fixation is preferred in specific clinical settings. In contrast, intra-articular fractures of the distal humerus are frequently complex and full functional recovery is difficult to achieve. This volume clearly explains the concepts that are central to an understanding of humeral fractures from the proximal to the distal tip. Indications for different forms of treatment, including nonsurgical, are presented in detail, and all of the commonly used fixation techniques are described with the help of high-quality illustrations. Further important aspects such as complications, rehabilitation, and treatment of sequelae are also fully considered. This book will be an invaluable and comprehensive aid for all surgeons who treat humeral fractures.