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# Fracture Reduction and Fixation Techniques

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Peter V. Giannoudis  
Editor

# Fracture Reduction and Fixation Techniques

Upper Extremities

 Springer

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ISBN 978-3-319-68627-1      ISBN 978-3-319-68628-8 (eBook)  
<https://doi.org/10.1007/978-3-319-68628-8>

Library of Congress Control Number: 2018930258

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Printed on acid-free paper

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The registered company is Springer International Publishing AG  
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

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## Preface

Fracture fixation techniques have continued to evolve since their introduction in the 1950s by the AO Group in Switzerland. Advances made in metallurgy, implant design, targeting devices, surgical instruments, radiology and functional anatomy and the better understanding of fracture healing led to the modern practising techniques. Preoperative planning became a routine step of every fixation case. Moreover, it was recognised that optimal fracture reduction prior to fixation is a key element facilitating bone repair and a satisfactory anatomical and functional outcome. There is plenty of scientific evidence available that suboptimal fracture reduction is often associated with complications such as implant failure, impaired healing, malunion and early onset of osteoarthritis, amongst others.

This highly illustrated textbook is written by a panel of experts in the upper limb, who share tips and tricks that will aid in achieving an optimal reduction and fixation of different fracture types whilst avoiding common pitfalls.

Each technique is clearly demonstrated using a stepwise approach with real-time intraoperative photographs, improving the understanding and ensuring the production of an easy-to-read, memorable textbook.

Each chapter in this book includes an outline of useful techniques for fracture reduction. Its objective is to provide orthopaedic surgeons and especially those still in training with a quick reference to common reduction techniques becoming an essential guide to their practice. The ultimate goal is to improve the standards of care of our patients.

Leeds, UK

Peter Giannoudis

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