

APPROACH to ORTHOPAEDIC TRAUMA and LIMB RECONSTRUCTIVE SURGERY

NAZRI MOHD YUSOF



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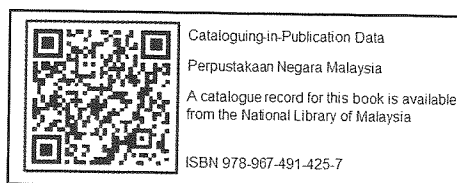
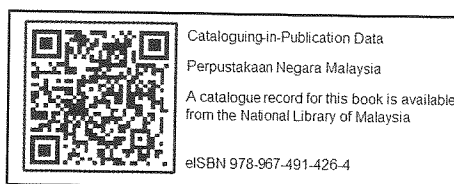
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PREFACE

This book aims to give an overview of fractures, their complication and management. It starts with understanding the basic science of the musculoskeletal system. The chapter on the management of fracture is only discussed after the systemic effect of trauma and soft tissue injury because these two systems must be managed properly first to ensure the survival of the patients and prevent fracture-related complications.

I have also included clinical and radiographic images of cases that I encountered during my practice at Hospital Tengku Ampuan Afzan Kuantan and Sultan Haji Ahmad Shah Medical Centre (SASMEC) @ IIUM to illustrate important points.

Case discussion at the end of every chapter aims to help the readers understand the application of the knowledge. The short notes question aims to help readers reflect on what they have learned from the chapter.

At the end of this book, chapters on the clinical methods of approach to patients with trauma complications and the basic technique of applying external fixators are discussed. These topics are mainly for postgraduate orthopaedic master's students who are doing the Advanced Trauma and Limb Reconstructive Surgery (ATLRS) rotation.

Last but not least, the Islamic Input section is for readers to apply Islamic teaching that is related to each chapter topic. This will help readers to integrate Islamic teaching into their study and improve patient care.

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APPROACH to ORTHOPAEDIC TRAUMA and LIMB RECONSTRUCTIVE SURGERY

This book offers a comprehensive overview of the basic science and principles in managing orthopedic trauma, with a distinctive approach to understanding and treating trauma-related conditions. It begins with foundational concepts, including systemic impacts of trauma and national statistics, followed by the essential management of soft tissue injuries—highlighting their crucial role in successful fracture treatment. Fracture management is discussed through principles and classification, with detailed emphasis on complications, particularly fracture-related infections. A dedicated chapter explores surgical techniques using external fixators, the most common implants in acute trauma. The book concludes with clinical methods for addressing late trauma complications. Each chapter also integrates Islamic perspectives relevant to the topic, offering a holistic educational experience.

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