Curbside Consultation in Fracture Management: 49 Clinical Questions

Virkus, Walter W. MD


Table of Contents

Contents
Dedication
Acknowledgments
About the Editor
Contributing Authors
Introduction
Foreword by David L. Helfet, MD

SECTION I: UPPER EXTREMITIES
Question 1 I Have a 50-Year-Old Male With a Surgical Neck Humerus Fracture in His Dominant Arm. Should I Operate on Him?
James Kapotas, MD
Question 2 What Approach Should I Use for Plating a Humeral Shaft Fracture in a Multiple Trauma Patient?
Adam J. Starr, MD
Question 3 How Would You Manage a Radial Nerve Palsy Associated With a Humeral Shaft Fracture in the Dominant Arm of a 25-Year-Old?
Laura Prokuski, MD
Question 4 On Which Clavicle Fractures Do You Operate?
Brian D. Solberg, MD
Question 5 What Is Your Postoperative and Rehabilitative Protocol for Distal Humeral Fractures?
Amon T. Ferry, MD and Mark S. Cohen, MD
Question 6 I Have a 4-Year-Old Who Fell Off the Monkey Bars With a Swollen Elbow and a Fat Pad Sign. If the X-Rays Are Normal, Is Additional Evaluation Needed?
Monica Kogan, MD
Question 7 How Do You Perform a Fasciotomy of the Forearm?
Rachel S. Rohde, MD
Question 8 Cast, External Fixator, or Open Reduction and Internal Fixation for a Nonarticular Distal Radius Fracture in a 60-Year-Old Female?
John J. Fernandez, MD, FAAOS
Question 9 When Do You Replace the Radial Head?
Mark S. Cohen, MD and Robert W. Wysocki, MD

SECTION II: LOWER EXTREMITIES
Question 10 There Is a Patient in the ER With a Femur Fracture and Humeral Shaft Fracture. Should I Fix the Humerus With a Nail or a Plate?
Timothy Bhattacharya, MD
Question 11 I Have a 30-Year-Old Patient Who Had a Posterolateral Dislocation of the Elbow. How Would You Treat Him?
Michael J. Medvecky, MD
Question 12 My Patient is 8 Years Old and Had a Salter-Harris III Fracture of the Distal Femur. How Long Should I Follow Him for Growth Abnormalities?
Andrea S. Kramer, MD
Question 13 What Is Your Initial Evaluation of Pelvic Fractures?
Andrew J. Furey, MSc, MD, FRCSC and Robert V. O’Toole, MD
Question 14 Which Pelvic Fractures Are Life-Threatening?
Andrew R. Burgess, MD
Question 15 How Do You Decide Which Pelvic Fractures Need Surgery?
Scott A. Adams, MD, FRCS and Steven J. Morgan, MD, FACS
Question 16 I Have a 40-Year-Old With an Anterior Fracture of the Femoral Head and Incongruity of the Hip Joint. How Would You Treat This?
Clifford Turken, MD and Andrew J. Furey, MSc, MD, FRCSC
Question 17 I Have a 26-Year-Old in the ER With a Displaced Femoral Neck Fracture. Do I Need to Perform an Open Reduction and Capsulotomy?
Robert E. Blease, MD and Peter J. Nowotarski, MD
Question 18 What Is Your Choice for a Displaced Femoral Neck Fracture in a
Question 19 How Would You Treat a Varus Femoral Neck Nonunion in a 50-Year-Old?
Michael Garcia, MD and Michael D. Stover, MD

Question 20 What Is Your Postoperative Management of Hip Fractures in the Elderly?
Daniel K. Laino, MD and Kenneth A. Egol, MD

Question 21 How Would You Treat a Femur Fracture in a 6-Year-Old?
Pradeep Kodali, MD; John F. Sarwark, MD; and Najeeb Khan, MD

Question 22 How Would You Treat a Femur Fracture in a 12-Year-Old?
Najeeb Khan, MD; Pradeep Kodali, MD; and John F. Sarwark, MD

Question 23 I Have a 38-Year-Old With a Femoral Shaft Fracture Treated With an Antegrade Nail With No Evidence of Healing 8 Weeks Postop. What Should I Do?
Bradley R. Merk, MD

Question 24 What Is the Best Technique for Nailing a Femoral Shaft Fracture in a 28-Year-Old?
Michael T. Archdeacon, MD, MSE

Question 25 I Have a Tough Time With Subtrochanteric Fractures. Any Tricks?
Walter W. Virkus, MD

Question 26 When Do You Use a Spanning Fixator Across the Knee?
Anthony T. Sorkin, MD

Question 27 What Is Your Postoperative Management of Patellar Fractures?
Gerald J. Lang, MD

Question 28 What Is Your Postoperative Management of Tibial Plateau Fractures?
George Partal, MD and Marcus F. Sciadini, MD

Question 29 I Have a 38-Year-Old Female With a Bicondylar Tibial Plateau Fracture. What Type of Fixation Should I Use?
Edward A. Perez, MD

Question 30 What Is Your Criteria for Compartment Syndrome in the Tibia?
James Kapotas, MD

Question 31 What Are Your Tricks for Nailing Proximal and Distal Tibial Fractures?
Walter W. Virkus, MD and Ishaq Syed, MD

Question 32 I Have a 38-Year-Old Female With a Distal Tibia Spiral Fracture. Should I Try to Nail This or Just Plate It?
Heather A. Vallier, MD

Question 33 What Is Your Preoperative Management of a Bad Pilon Fracture?
Cory Collinge, MD

Question 34 How Do You Decide Which Surgical Approach to Use for Pilon Fractures?
Jeffrey M. Smith, MD and Anthony G. Sarzone, MD

Question 35 Do You Take Out Syndesmotic Screws in Adult Patients?
Joseph D. DiCicco, DO; Micah C. Hobbs, DO; and Matthew W. Heckler, DO

Question 36 I Have a Male Patient With a Trimalleolar Fracture, But the Posterior Malleolus Is Minimally Displaced. Do I Need to Fix It?
Rajeev Garapati, MD

Question 37 What Is Your Postoperative Protocol for Bimalleolar Ankle Fractures?
Rajeev Garapati, MD

Question 38 I Have an Insulin-Dependent 52-Year-Old Female With a Minimally Displaced Bimalleolar Ankle Fracture. Should I Treat Her in a Cast?
Simon Lee, MD

Question 39 On Which Calcaneal Fractures Do You Operate?
Robert Vander Griend, MD

Question 40 There Is a Patient in the ER With a Displaced Talar Neck Fracture. What Is the Technique for Fixation?
Armen S. Kelkian, MD

Question 41 Which Metatarsal Fractures Need Surgery?
Johnny L. Lin, MD

Question 42 Do You Ever Bone Graft Acute Fractures?
Dave Dean, DO and Bruce H. Ziran, MD

Question 43 I Have a 34-Year-Old Male With a Nonunion of a Plated Midshaft Tibia Fracture. How Do You Approach This Problem?
Stuart M. Gold, MD

Question 44 How Do I Treat a Child With a Twisted Ankle and Normal X-Rays?
Monica Kogan, MD

Question 45 How Do You Assess Compartment Syndrome of the Foot?
Johnny L. Lin, MD
SECTION III: GENERAL FRACTURE CARE
Question 46 I Have a 38-Year-Old Male in an MVC With Multiple Orthopedic Injuries. Should I Fix Everything Now or Do Damage Control Orthopedics?
Jason W. Nascone, MD and John C. P. Floyd, MD
Question 47 Do Bone Stimulators Work on Nonunions?
Blane Sessions, MD and Craig Castleman Greene, MD
Question 48 When Do You Use Locking Plates?
Thomas F. Higgins, MD
Question 49 Which Fractures Require Anatomic Reduction?
Medardo Marota, MD and Walter W. Virkus, MD
Index