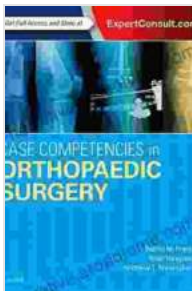


# Elevate Your Surgical Skills: A Comprehensive Exploration of Case Competencies in Orthopedic Surgery

Welcome to the definitive guide to Case Competencies in Orthopedic Surgery. This comprehensive volume provides orthopedic surgeons, residents, and medical students with an in-depth understanding of the essential skills and techniques required to excel in the field.

## Chapter 1: Essential Principles of Orthopedic Surgery

This foundational chapter introduces the core principles of orthopedic surgery, including:



### Case Competencies in Orthopaedic Surgery

by Rodrigo Souza Augusto

★★★★☆ 4.3 out of 5

Language : English  
File size : 51249 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 399 pages



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# Assessment and Diagnosis \*



## Surgical Techniques \*



## Perioperative Care \*



## Ethical and Legal Considerations

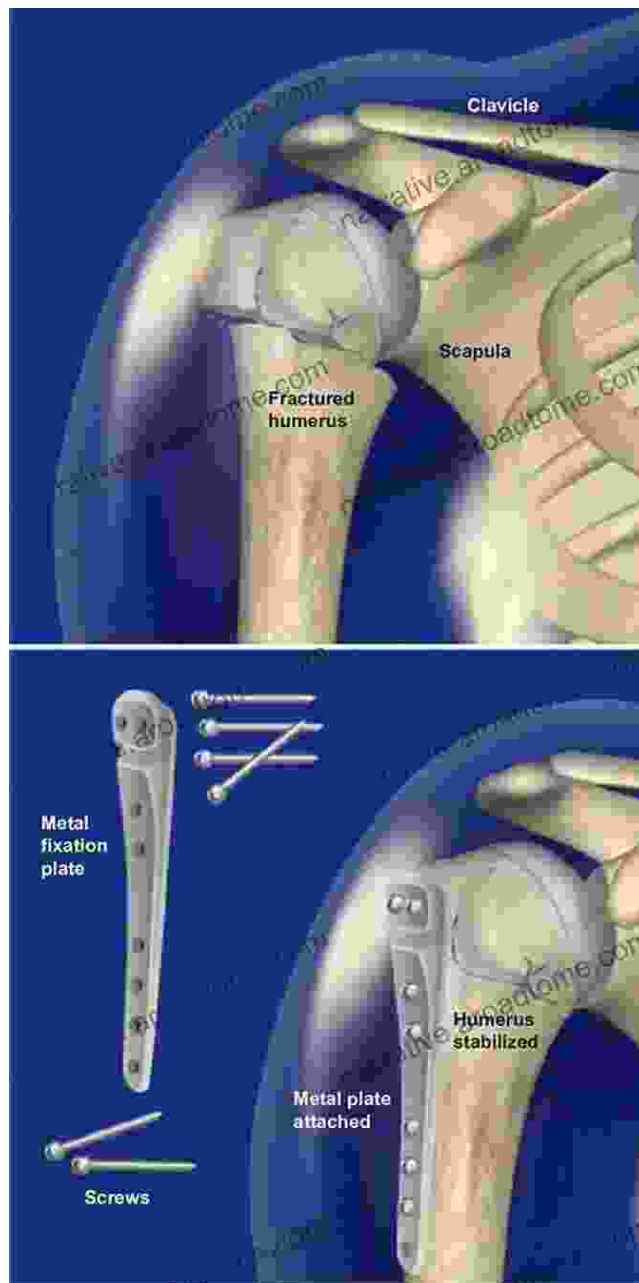
### Chapter 2: Core Case Competencies in Orthopedic Surgery

This chapter delves into the specific case competencies that surgeons must master. These include:

\*



# Trauma Care \*



# Fracture Management \*





## Joint Replacement \*



## Spine Surgery

### **Chapter 3: Advanced Case Competencies in Orthopedic Surgery**

Beyond core competencies, this chapter explores advanced techniques for exceptional patient outcomes, such as:

\*



Sports Medicine \*



Arthroscopic Surgery \*





Complex Trauma Management

### **Chapter 4: Case Presentation and Analysis**

This chapter provides guidance on effectively presenting and analyzing orthopedic cases, including:

\*




Clinical Examination \*



## Lower Leg Pain

Condition	Description	Causes	Treatment
Medial Tibial Stress Syndrome	Repetitive stress overuse injury	Periostitis, tendinopathy, stress reaction, muscle dysfunction	Short term activity modification, calf stretching and strengthening
Chronic exertional compartment syndrome	Increased pressure in fascial compartments	Muscle swelling, hypertrophy, thickened fascia	Activity modification and rest May be surgical
Stress fracture	Bony microfracture	Repetitive loading	Fibular/PM tibia: limiting impact Anterior tibia/medial malleolus: casting
Nerve entrapment	Entrapped common peroneal, superficial peroneal, saphenous nerves	Trauma	Activity modification, biomechanical correction, PT
Popliteal artery entrapment syndrome	Compression as the artery exits the popliteal fossa	Compression	Surgical



**Orthopaedic Division**  
CANADIAN PHYSIOTHERAPY ASSOCIATION

Brewer RB & Griggory AJM. (2012) Athletic Training 4(2) 121-127.



## Differential Diagnosis \*



Treatment Planning

### **Chapter 5: Case Management and Follow-Up**

This chapter emphasizes the importance of proper case management and follow-up, including:

\*



Patient Education \*



## Surgical Decision-Making \*

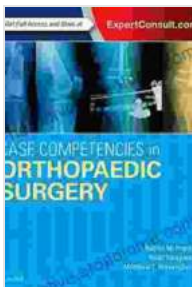


## Postoperative Care \*



## Complications Management

"Case Competencies in Orthopedic Surgery" is an indispensable resource for orthopedic surgeons at all levels. By mastering the concepts and techniques outlined in this comprehensive volume, you can elevate your surgical skills and provide exceptional patient care. Invest in your professional development today and Free Download your copy now!



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