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**US\$ 129.00**

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Institutional E-Book Price  
**US\$ 516.00**

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eISBN: 978-1-68108-118-2

# Clinical Mechanics in the Gut: An Introduction

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## About the eBook

This book provides a thorough understanding of the anatomy and biomechanics of the physiological function and pathophysiology of the gastrointestinal tract. The book first gives an introduction to readers about the physical geometry of the gastrointestinal tract followed by a detailed explanation of biomechanical theory and its application to approximating and modeling gut mechanics.

## Contents

- The Geometry of the System: The Structure of the Gastrointestinal Tract as a Mechanical Device
- Biomechanical Theory
- Methods in the Study of Gastrointestinal Mechanics
- The Mechanical System: Muscle and Connective Tissue
- The Mechanical System: Motor Patterns in Organs
- Disordered Mechanical Function in the Gastrointestinal Tract
- Future Perspectives

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