

**Gait Analysis: Normal and Pathological Function – 2nd. ed.**  
Perry, Jacquelin; Burnfield, Judith M.  
**ISBN 9781556427664**

## **Contents**

### **SECTION I: Fundamentals**

Chapter 1 Gait Cycle  
Chapter 2 Phases of Gait  
Chapter 3 Basic Functions

### **SECTION II: Normal Gait**

Chapter 4 Ankle-Foot Complex  
Chapter 5 Knee  
Chapter 6 Hip  
Chapter 7 Head, Trunk, and Pelvis  
Chapter 8 Arm  
Chapter 9 Total Limb Function and Bilateral Synergistic Relationships

### **SECTION III: Pathological Gait**

Chapter 10 Pathological Mechanisms  
Chapter 11 Ankle and Foot Gait Deviations  
Chapter 12 Knee Gait Deviations  
Chapter 13 Hip Gait Deviations  
Chapter 14 Trunk and Pelvis Gait Deviations

### **SECTION IV: Clinical Considerations**

Chapter 15 Examples of Pathologic Gait  
Chapter 16 Pediatric Gait Analysis

### **SECTION V: Advanced Locomotor Function**

Chapter 17 Stair Negotiation  
Chapter 18 Running

### **SECTION VI: Quantified Gait Analysis**

Chapter 19 Gait Analysis Systems  
Chapter 20 Motion Analysis  
Chapter 21 Muscle Control and Dynamic Electromyography  
Chapter 22 Kinetics of Gait: Ground Reaction Forces, Vectors, Moments, Power, and Pressure  
Chapter 23 Stride Analysis  
Chapter 24 Energy Expenditure

Abbreviations and Acronyms  
Glossary Appendix A  
Normative Joint Motion  
Index