
Learning Objectives

MedBridge

Orthopedic Examination of the Pediatric Patient

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Chapter 1: Childhood Growth

- Address general pediatric growth and development
- Review orthopedic development
- Discuss reflex integration
- Understand gross motor control and development of movement

Chapter 2: Clinical Evaluation of the Pediatric Patient

- Understand common observational and assessment measures for analysis of pediatric growth and development
- Examine postural assessments
- Understand posture alignment through the growth progression

Chapter 3: Strength Assessment and Pain

- Demonstrate strength assessments
- Understand how to perform assessments of pain
- Review special tests

Chapter 4: Motor Control and Reflex Development

- Reviews the sequence of learned movement
- Understand gross to fine motor development and learned movement from head to toe (neck control to walking)
- Discuss reflex development, common pediatric reflexes, and the time of onset and integration of reflexes

Chapter 5: Radiology and Imaging

- Review measurements of skeletal maturity, including the Greulich-Pyle Atlas and the Bayley-Pinneau Atlas
- Understand physeal injuries and classification
- Discuss Osteochondritis Dissecans and Osteochondromas, including diagnosis with imaging and considerations for differential diagnosis with injuries

Chapter 6: Pediatric Orthopedic Injuries

- Address rates of injury, risk factors, and injury prevention strategies

