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# Learning Objectives

MedBridge

*Development of Pediatric Independent Gait*

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## Course Objectives:

Upon completion of this course, learners will be able to:

- Describe the characteristics of immature gait (toddler gait).
- Compare and contrast toddler gait with mature, adult gait.
- Identify the key spatial temporal and EMG changes associated with maturation of gait.
- Discuss the relevance of these key changes.
- Describe the indicators of mature gait, as identified by Sutherland, et al.
- Review and apply dynamic systems theory and neuronal group selection theory to the development of independent gait.
- Discuss current evidence regarding typical development as it applies to motor practice necessary to acquire independent gait.
- Demonstrate intervention activities to improve acquisition and maturation of independent gait.
- Discuss the importance of parent education to provide carry-over and practice of intervention activities.