

DC4K Online Series Schedule

Module One: Part One (2 hours)

Foundational Concepts, Pediatric Research and Development

Introduction

- 15 min: Orientation to course structure, introduction, course overview
- 15 min: Conceptual introduction to a neuromuscular, dynamic approach to central stability
- 30 min: Evidence and theory for framework for discussion: teamwork, alignment and preparation, definition of core strategy
- 15 min: Postural control research in CP, DCD and ASD
- 15 min: Multi-systems discussion of typical motor development birth to 24 months with focus on alignment and development of inner core team and outer core postural synergists
- 15 min: Multi-systems discussion of atypical motor development addressing alignment disruptions beginning at birth and immediate and long term compensations for decreased central stability against gravity, implications of these compensations for motor function, video analysis demonstrating compensations in pediatric clients, clinical questions and answers
- 15 min: Interdependence of core stability and sensory processing, impact of vestibular system on development of core stability, clinical questions and answers