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We examined the research evidence for interventions used in occupational therapy to promote the motor performance of young children ages 0-5 yr. We identified 24 trials, Levels I-III, that met our review criteria. The studies fell into three categories: (1) developmental interventions for infants (ages 0-3 yr), (2) interventions for young children with or at risk for cerebral palsy (CP), and (3) visual-motor interventions for preschool children (ages 3-5 yr). Developmental interventions showed low positive short-term effects with limited evidence for long-term effects, and findings on the benefits of neurodevelopmental treatment were inconclusive. Interventions using specific protocols for children with CP resulted in positive effects. Visual-motor interventions for children with developmental delays (ages 3-5 yr) resulted in short-term effects on children's visual-motor performance. Of the intervention approaches used in occupational therapy, those that embed behavioral and learning principles appear to show positive effects.

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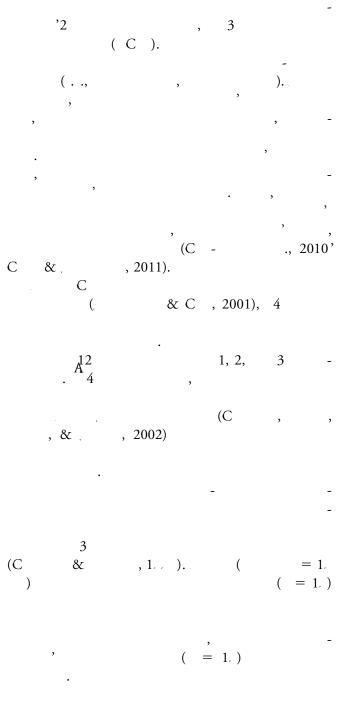
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Developmental Play-Based Interventions for Infants at Risk



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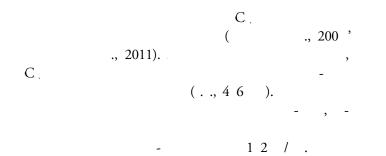
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