

## عنوان مقاله:

Determination of Spatial Resolution in Children Seven to Twelve Years Old by Box and Block Test and Nine Hole Peg Test

## محل انتشار:

پنجمین همایش پژوهشی سالیانه دانشگاه علوم پزشکی استان سمنان (سال: 1397)

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## خلاصه مقاله:

**Introduction:** Fulfilling the activities of daily living requires skilfulness. Knowledge of the skill level of healthy people helps therapists evaluate and treat patients. Therefore, this study was conducted to determine spatial resolution of children aged six to eleven years old by Box and Block and Nine Hole Peg test. **Methods:** This study was a descriptive cross-sectional study of 90 healthy children aged six to eleven years old. The ability of healthy children was once measured after becoming familiar with how they performed the Box and Block test and Nine Hole Peg test. **Results:** In this study, Children in the age range of eleven to twelve, nine to ten, and seven to eight years in the Box and Block test presented a mean  $\pm$  SD of  $71.23 \pm 8.14$ ,  $63.21 \pm 2.93$ , and  $57.90 \pm 3.78$  blocks in the right dominant hand, and  $67.87 \pm 6.33$ ,  $64.21 \pm 4.47$ , and  $56.94 \pm 4.41$  blocks in the left dominant hand, respectively. Using the Nine Hole Peg test obtained a mean  $\pm$  SD of  $19.87 \pm 1.61$ ,  $19.83 \pm 2.26$ , and  $22.84 \pm 2.38$  seconds in the right dominant hands and  $21.83 \pm 2.27$ ,  $21.38 \pm 2.55$ , and  $27.74 \pm 2.36$  seconds in the left dominant hand. **Conclusions:** The study found that using the Box and Block test and the Nine Hole Peg test can distinguish between skills of healthy children with children, who have special needs at any age and, they receive interventions based on the difference in range.

## کلمات کلیدی:

Dexterity, Box and Block Test, Nine Hole Peg Test

## لینک ثابت مقاله در پایگاه سیویلیکا:

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