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## **Comparison of Sensory Processing Responses in Cerebral Palsy Subtypes and Typically Developing Children (7-36 months): A Cross Sectional Study.**

Archana Antony K

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1. **Title:** Comparison of Sensory Processing Responses in Cerebral Palsy Subtypes and Typically Developing Children (7-36 months): A Cross Sectional Study. **Authors:**

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**KEY WORDS:** Infant/Toddler Sensory Profile, Sensory Processing, Cerebral Palsy subtypes, Typically Developing.

**Abstract:**

**Objective:** To compare sensory processing responses of children with cerebral palsy (CP) and its subtypes with typically developing (TD). **Methods:** Cross-sectional study. Age matched 20 children with CP and 20 TD in age group of 7-36 months participated. Infant/Toddler Sensory Profile caregiver questionnaire given to the parents of each child after explaining about the questionnaire and answering their queries and collected back for analysis after 1 week to 2 weeks duration. **Results:** Very few quadrants and sensory processing responses of the Infant/Toddler Sensory Profile showed differences between children with CP and its subtypes with those of TD. **Conclusion:** Infant/Toddler Sensory Profile is useful in the evaluation of the sensory processing abilities in children with CP in age range of 7-36 months. Nevertheless, the differences in sensory processing abilities are minimal between children with CP subtypes and TD.