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Transdisciplinary Model of Therapy Forthe Child with Developmental Disability: A Case Study

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Introduction: The transdisciplinary Model is a framework for allowing members of a rehabilitation team to contribute knowledge and skills, collaborate with other members, and collectively determine the services that would most benefit a child. According to Bruder, this approach integrates a child's developmental needs across the major developmental domains and involves a greater degree of collaboration than other service delivery models. So, the aim of the present study was to find the efficacy of the Transdisciplinary Model of Therapy for the child with Developmental Disability.

Objective: To identify the efficacy about the Transdisciplinary Model of Therapy for the child with Developmental Disability.

Method: Master "D" with Developmental Disability in the age of 1 year 10 months was conveniently selected for this study. The subject was assessed with Age and Stage Questioner to find the age of development, Pediatric Evaluation of Disability Inventory (PEDI) for Self-care & Social function domain and Peabody Developmental Motor Scale (PDMS) was used as outcome measure. Intervention of this study mainly focused on gross & fine motor skills, Multisensory skills, oral-motor skills, cognitive skills, play and communication skills through Transdisciplinary Model of Therapy for 3 days in a week/ 45 minutes' duration. The post-test was conducted at the end of 6th month by using PEDI and PDMS.

Result and Conclusion: This result revealed that there was a significant improvement found in self-care, social function domain in PEDI and gross and fine motor (Visual motor integration) skills in PDMS. This study concluded that the Transdisciplinary Model can be used as the holistic intervention for the child with Developmental disability. This study needs to be done in large group of children and should be validated in future study.

Keywords: Developmental Disability, Transdisciplinary Model