

**00215 Evaluation of Parental Perception of Family Centred Care Provided to Families of Children With Autism Spectrum Disorder**

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**Aims:** Evaluation of parental perception of family-centered care (FCC) provided to families of children with autism and investigate the association between the child and family characteristics and perception of FCC

**Methodology:** Care givers of children with a suspected or confirmed diagnosis of autism spectrum disorder (ASD) and under follow up at the Department of Child Development, KK Women's and Children's Hospital, completed the Measure of Processes of Care (MPOC-20) questionnaires. The questionnaire has a 7 point Likert scale with scores ranging from 0-7. Information on the child and family characteristics was obtained from the electronic medical records. To investigate the association between participants' characteristics and MPOC-20 scores, univariate linear regression analyses were used.

**Result:** 99 caregivers completed the MPOC-20 questionnaires. The primary care giver was reported to be the mother (61.3%), followed by the grandparents (26.9%) and the helper (11.8%). The mean scores across the 5 domains on MPOC-20 ranged from 5.57 to 5.71. There was no significant variation in the perception of FCC based on family characteristics such as race, socio-economic status (SES), parental age or their education level, with and without controlling for the severity of ASD based on ADOS scores. Where the primary care giver was either the grand parents or the helper, the perception of FCC was reported to be lower than where the primary care giver was the mother ( $p < 0.05$ ).

**Conclusion:** Management of a child with Autism should include supporting all the care givers involved with child and ensuring that they feel equally involved in the decision making for their children. The overall scores on the MPOC-20 were high and this possibly accounted for lack of variation in the perception of FCC based on other family characteristics.