EFFECTIVENESS OF AN INDIVIDUALIZED INTERVENTION PACKAGE IN IMPROVING MARITAL PARTNER RELATIONSHIP OF MOTHERS OF DISABLED CHILDREN ATTENDING A TERTIARY CENTRE.

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Introduction

- Developmental delay and disability contribute a significant burden to the society, the prevalence of it being 9.2% in 2-6 year-old children according to the INCLEN study.
- Family system is a cohesion of three systems, the spousal, parental and the sibling subsystems where, marital relationship is seen as the crux in determining the quality of family life.
- Marital adjustment of parents with disabled children mention a negative correlation between marital adjustment and problematic behaviour of the children according to many studies abroad.

Objectives

- To assess the marital relationship among mothers of developmentally disabled children attending the centre, using PAST (Partner Relationship Assessment Scale Trivandrum-Standard).
- To evaluate the effectiveness of the individualized intervention package in improving marital relationship by comparing the pre and post test scores on PAST.

Methodology

- > Study Design: Experimental- before-after comparison.
- ➤ **Setting**: NIMS Spectrum Child Development and Research Centre (CDRC), NIMS Medicity, Kerala, India, a tertiary care centre which offers treatment for developmental disorders.



Results

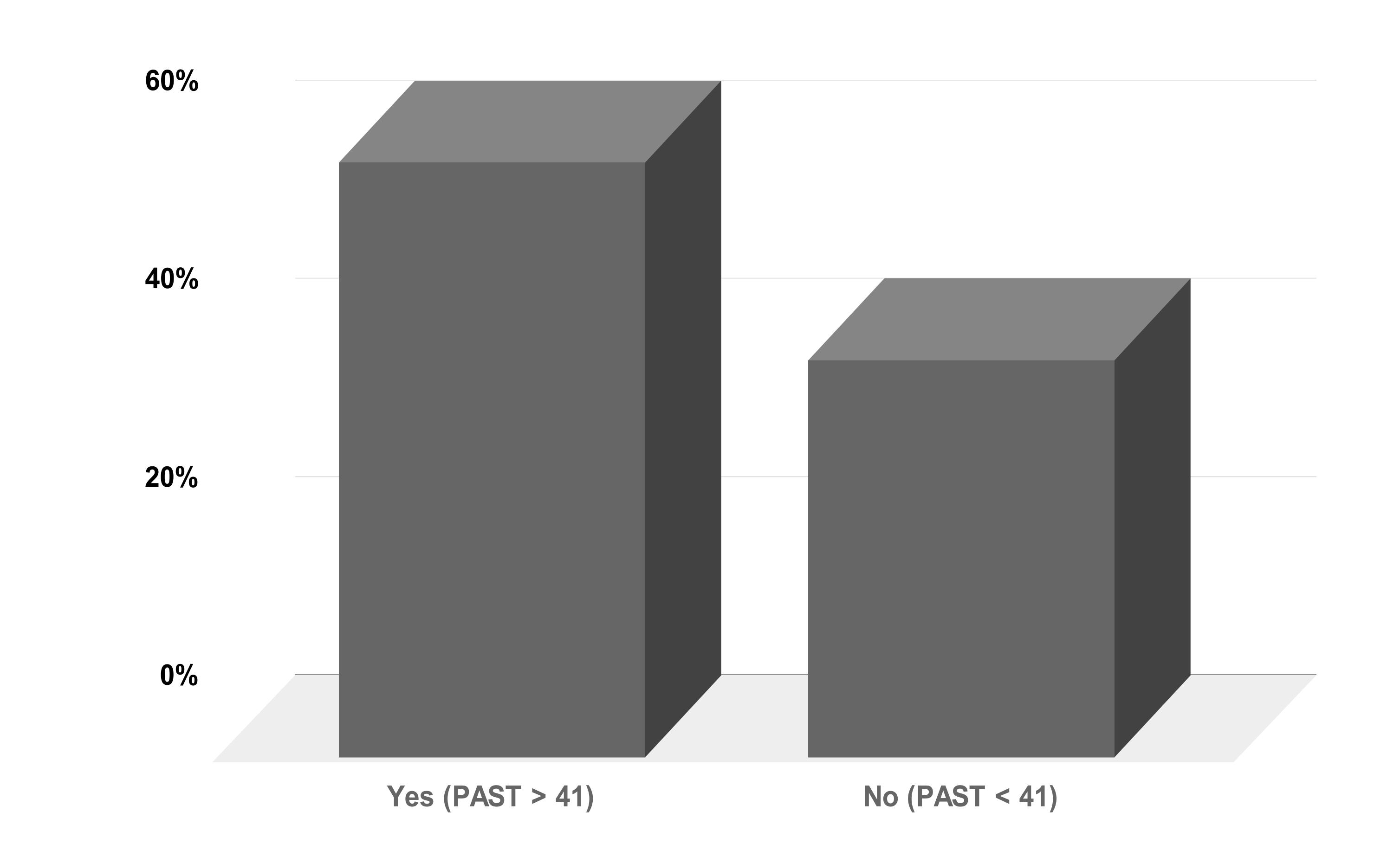


Fig 1: Prevalance of Marital Harmony

- Prevalence of marital disharmony among mothers of developmentally disabled children was found to be 40% (95% CI 27.61, 52.3).
- > 50% of the mothers were found to have lower scores in the spousal

- ► Mean PAST score before intervention was 37.9 (SD 10.8) and after intervention was 39.9 (SD 12.1).
- ► Median pre and post intervention PAST scores were 42.50 (IQR 32.50, 45.3) and 44.50 (IQR 35.00, 48.00). The observed improvement in scores was found to be significant Z value= -3.168 p= 0.002.

	Mean	SD	Min	Max	25 th percentile	50 th percentile	75 th percentile
PAST score (Pre)	37.94	10.84	6	51	32.50	42.50	45.25
PAST score (Post)	39.88	12.06	4	52	35.00	44.50	48.00

Table 2: Comparison of PAST scores before & after intervention

	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Pre PAST Score	0.193	34	0.002	0.842	34	0.000	
Post PAST Score	0.246	34	0.000	0.806	34	0.000	

a. Lilliefors Significance Correction

Table 3: Tests of Normality

	score) - (Pre	score) - (Pre SR	score) - (Pre	score) - (Pre FS	(Post SBT total score) - (Pre SBT total score)	score) - (Pre FH
Z	-3.168 ^b	-1.265 ^b	-1.400 ^b	-0.615 ^c	738 ^b	-2.002 ^b
Asymp. Sig. (2-tailed)	0.002	0.206	0.162	0.539	0.460	0.045