



# Parent Perspectives on Multidisciplinary Care

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# background

..... Healthcare for children with developmental disabilities can be provided through different team approaches [1, 2]



with the team coming together to formulate a cohesive treatment plan

disciplines to formulate a their own disciplines to work toward formulating a care plan through shared novel solution (not responsibility and a highly common in healthcare) interactive process

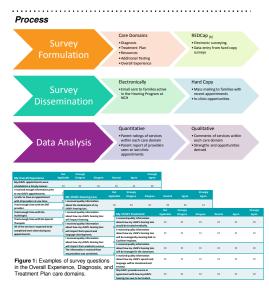
- Figure 1: Team approaches for healthcare provision
- · A multidisciplinary team model has been advocated for, and endorsed by, stakeholders in pediatric hearing healthcare [3, 4, 5].
- Family-centered healthcare demands that families provide input regarding the care of their children [4]; however, very little is known about how families perceive their experience in multidisciplinary team models for hearing healthcare.

#### **Research Questions**

1. Does a multidisciplinary team clinic appointment meet the needs of families of children with hearing loss?

2. Are families processing all the information provided during a multidisciplinary team appointment?

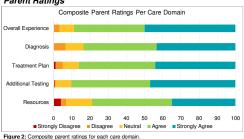
# methods



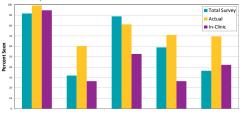
#### results

Survey Dissemination	Date(s)	Number Distributed	Number Responded	Response Rate
In-person Hearing Clinic	November to December 2016	89	19	21%
REDCap Survey (Electronic)	December 2016	350	38	11%
Mailing	January to February 2017	500	53	10.8%
Totals		939	110	11.7%

#### Parent Ratings



#### Parent Report of Providers Seen in Clinic



ENT Doctor Nurse Practitioner Speech Pathologist Audiologist Figure 3: Parental report of providers seen at last appointment (N= 110), Actual average derived by a random sample of clinic visits over a one year period (N = 138), and parental report parsed by in clinic responses (N = 19)

#### Qualitative Data Themes Strenaths

 Enough time with providers Gained good information regarding diagnosis and treatment of their child's hearing loss

appointment

the past 5-10 years

revolving door- would prefer meeting with the entire team · Wanted to be able to have at once Too much information shared

information shared

· Overwhelmed by amount of

Too many providers with a

services completed in one too early in the process Services had improved over Lack of school resource

Opportunities

information No need to meet with all providers at every appointment

# discussion

- Parent satisfaction for each care domain was very high. Qualitative data defining strengths was consistent with quantitative data.
- · Many families did not realize or did not remember which provider evaluated their child during their last clinic visit.
  - This may reflect a memory effect; however, results of in-clinic surveys revealed worse recall of providers despite the recency of the clinic appointment.
  - This is consistent with counseling literature suggesting families are limited in their capacity to retain information provided during medical appointments. [7]
- Despite high family satisfaction, a multidisciplinary team clinic appointment may not provide families with the experience professionals intend for them to have.
- · Future work could focus on investigating modern models for multidisciplinary or interdisciplinary care that provide an integrated experience with less information loss to families.

### references

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# acknowledgements

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