Create a children’s picture booklet demonstrating the steps of an audiological evaluation

The goals of this booklet include:

- Provide information prior to the evaluation with demonstrations of the procedures through illustrations
- Hopefully reduce anticipatory anxieties seen in children
Methods

- Interview key informants
  - Speech Language Pathologist
  - Auditory Verbal Therapist
  - Dentist
- Obtained information about creating a children’s booklet
- Learned the positive and negative factors when creating a booklet for children
Booklet creation

- Photographs taken at New England Center for Hearing Rehabilitation
- Age appropriate vocabulary
- Flesch-Kincaid Grade level and Reading Ease score was calculated using an online readability index calculator
  - The Flesch-Kincaid grade level was 6th grade and Reading Ease score was 69.
  - The Flesch-Kincaid Reading Ease score is a 100-point scale based on the average number of syllables per word and words per sentence
First draft critique
- Three practicing audiologists
- Provided information regarding testing

LEND Family Faculty critique
- Five Family Faculty mothers
Recommendations:

- Additional information regarding the anatomy
- Information about the sound proof booth
- More diversity with the pictures
- Spanish version
- Reduce the background colors
Revisions based on Feedback

- Booklet revised to include the following:
  - Additional information about the sound proof booth
  - Additional pictures of children
  - Translation into Spanish
Review by LEND Directors

- Booklet reviewed and critiqued by Mary Beth Bruder and Tierney Giannotti

- Suggestions included:
  - Pictures of tympanograms
  - Creating a game using tympanometry
  - Pictures of visual reinforcement toys
  - Give the main character and audiologist a name
Review by Families

- Three families at NECHEAR evaluated the booklet prior to an audiological evaluation
- Completed a survey after reading the booklet to their child
All 3 parents found the text and illustrations to be age appropriate

All 3 parents found the booklet helped better prepare their child for the audiological evaluation

There were various answers regarding what the parents liked about the booklet:
  - The pictures were good
  - The text was in first person
  - Each step of the process was highlighted
RESULTS FROM PARENT SURVEY

- All 3 parents did not dislike anything about the booklet.
- All 3 parents stated their child enjoyed reading over the booklet.
- Additional suggestions included:
  - Pictures of different ways to test children.
Systems impact

- Provide by referring party such as the pediatrician, pediatric ENT, Speech Language Pathologist or teacher.
- Reduce anticipatory anxieties seen in children.
- Provide additional information to families regarding the audiological evaluation.
The creation of this booklet will help children and families become aware of the audiological evaluation.

Effective way of providing information to children.

Allows parents to process the information and formulate questions regarding the testing process.

Helps reduce anticipatory anxieties through awareness of evaluation.