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| **PID:** | **OtiS: Clinic visit checklist** |
| **Phase: 1 2** |  |
| **Setting: OSN Check REDCap** |  |

***Participants must be consented by research study staff before first clinic appointment***

***If the participant needs to reschedule an appointment, please get them to contact Joey!***

**$$$@$$.$$$ or** ###-###-####

**Visit 1: Diagnostic Measurements**

* Otoscopy
* Tympanometry
* Baseline measures
  + Audiogram (pure tone stimuli)
    - Unaided
    - .25, .5, .75, 1, 2, 3, 4, 6, 8 kHz
  + SRT
    - recorded
  + Speech testing (recorded)
    - WRS: PBK, W22, NU6 (same test to be used in visit 3)
      * Individual ears (earphones) at 40 dB SL or MCL with at least 25 words
      * Binaural (earphones) at 40 dB SL or MCL with at least 25 words (clinician’s choice)
* No sales receipt needs to be completed as they are borrowing study equipment
* Earmold
  + take impressions
    - Style: skeleton OR canal
    - Material: silicone OR vinyl
    - Vent: Pressure or Small (clinician may opt to order different venting size depending on degree and configuration of the HL)
  + current earmolds if they fit well and match the above descriptions

***Delivered to Audiologist between visits:***

* Bag #: Hearing aids (2), Connect Clip Device + Parent ConnectClip info sheet, manual, SafeLine, hooks. Batteries, dry kit and other accessories to be provided by the clinic.

**Visit 2: Hearing Aid fitting**

* Oticon Opn Settings
  + - VAC: OFF
    - Speech rescue: OFF
    - Soft speech booster: OFF
    - Feedback analyzer: DO NOT RUN
    - Acclimatization level: 2 or 3 dependent on sound tolerance issues
    - IF OSN group, Simple/Complex NR and Transition: default setting. This is not to be adjusted.
* Programming/verification
  + - Prescription target: DSL 5.0 Child
    - Real ear to coupler differential
    - Real ear measurement (can use test box)
    - SII measurements: soft, average, loud targets, (MPO)
    - Do not enable frequency compression. If the patient is a previous user of frequency disposition/compression please inform Joey
    - Do not enable manual volume control
* Reviewing hearing aid care and maintenance
  + - Batteries
    - Volume control
    - Use of listening tube
    - Cleaning
    - Dry kit usage
* Connect Clip fitting
  + - Pairing hearing aids to Connect Clip
    - Connect Clip user instruction and demonstration
    - Info sheet for teachers – must use lanyard
    - Transparency run
      * Verifit test box with mic facing speaker
      * Measure via probe mic in the ear
      * FM chest selected for input signal on Verifit menu (signal being directed to the ConnectClip Mic in the test box)
      * Female speaker
      * Live voice
* OtiS contract SmartPhrase (print and complete the first box with the parents)

**Visit 3: One month follow up**

* Check + note data logging (needs to be >8 hours a day to remain in the study)
* Validation reporting - Self management and parent interview
* Check hearing aid sound quality, performance and fit
* Clean and dry hearing aids, replace tubing, mic covers etc. when necessary
* Adjust hearing aid programming (if needed)
* Validation measurements (using sound-field presentation)
  + Aided speech testing
    - WRS: PBK, W22, NU6 (whatever was used in visit 1)
      * Binaural aided condition
        + 50 dB HL presentation level, recorded speech
        + 35 dB HL presentation level, recorded speech
        + With at least 25 words

**End of study:**

* Research staff will complete the OtiS contract SmartPhrase (second box) with the parents, copy to the parents, copy to HIM for scanning into Epic, complete a Clinical Note that the process has been complete
* When a Phase 2 participant is found to be on an OMNI setting (when unblinded by research staff) a follow up appointment will be made with a study audiologist to counsel on algorithm choice and to reprogram