

Auditory Outreach

Provincial Resource Program

Program Updates

POPDHH Lunch & Learn • December 9, 2021



SD 47 (Powell River)

Auditory Outreach

Provincial Outreach for Cochlear Implants and
Auditory Training Equipment Program

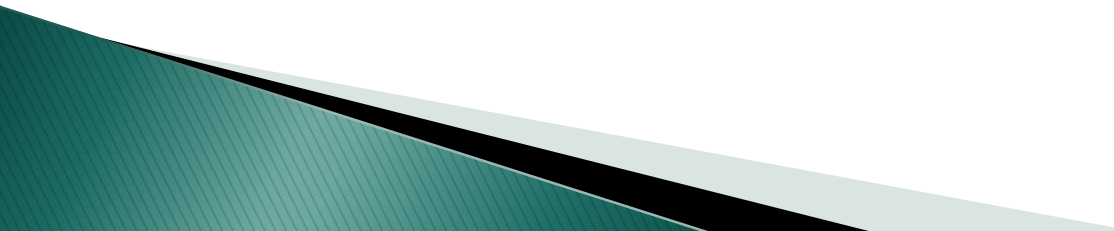
Program

- Provincial outreach program funded by the BC Ministry of Education
- Hosted by School District 47 – Powell River
- Supports school-aged children with hearing loss through
 - Loans and maintenance of assistive listening devices
 - Outreach services in SLP, Aud, HRT
- Eligibility:
 - Public schools
 - Group 1 and 2 independent schools



Auditory Outreach Mission Statement

Our mission is to provide current technologies to enhance auditory accessibility to the curriculum for students with hearing loss through loan and maintenance of assistive listening devices {auditory training equipment (ATE), remote microphone hearing assistance technology (RMHAT)}; to work collaboratively with BC Children's Hospital – Cochlear Implant Services, public health authorities, public school districts, group 1 and 2 independent schools, and families; and to follow the mandate of the program with respect to cochlear implantation by providing consultation and expertise in the areas of audiology, speech language pathology, and teacher education in the support of deaf and hard of hearing children.



Our AO Team includes...

- SD47 Superintendent Dr. Jay Yule
Administration & Policy
- Program Manager Melanie Gosselin
Administration, policy, equipment requests, technical service,
general enquiries and coordination of outreach services
- Audiology Carrie Siu, M.Sc., RAUD/RHIP, AUD(C)
- Speech Language Pathology Lora Baker, B.Ed, M.Sc., RSLP (C)
- Hearing Resource Teacher Rayna Rumley, M.Ed.(SPED-D/HH)



SLP Outreach

- ▶ Provide student diagnostic, assessment and consultation services
- ▶ Build capacity amongst school-based teams by providing training, mentoring and inservice
- ▶ Support school teams to develop and implement speech and language goals
- ▶ Develop and share learning resources and tools
- ▶ Share best practices based on current research

HRT Outreach

- Ongoing consultation and collaboration with BCCH Cochlear Implant team to ensure concerns and needs are appropriately and effectively addressed.
- Consultation and inservice for school teams focussing on developing the necessary capacity required to effectively assess and address aspects to be considered when working with a cochlear implant recipient.
- Consultation includes aspects focussing on management of assistive listening devices, social/emotional considerations, oral language acquisition, assessment of listening skills and recommending objectives, review and development of medical emergency plans, resource recommendations, support with liaising with necessary organizations and personnel, IEP review and recommendations, collaboration with various involved professionals, discussion and provision of recommended adaptations addressing individual needs, and consultation with families as part of the school team.



Audiology Outreach

- ▶ Onsite validation of remote microphone systems for students with implantable devices (CI, BAHS)
- ▶ Troubleshooting of assistive listening devices for all students in our program (HA and implantable)
- ▶ Inservice training of school personnel on procedures and maintenance of RMT
- ▶ Provide RM validation reports and collaborate with BCCH, health unit and families in establishing common goals
- ▶ Empower local capacity in supporting HOH students in remote areas



Loan Bank Policy Updates

- ▶ Digital (Roger) devices available to all
 - Roger Inspiro and Touchscreen are both digital; it is the RECEIVER enabling digital transmission. All FM receivers are eligible for upgrades with audiologist and school/ district authorization - *Please see [AO website](#) for details.*
 - New transmitters & accessories added
 - Oticon EduMic
 - Cochlear Mini Mic 2+
 - Touchscreen boom mic and belt clip
- ▶ Continued provision of audio shoes from varied manufacturers including Phonak, Oticon, ReSound & more
 - Enables compatibility of DAI hearing aids with Phonak RM systems





New Industry Devices

- ▶ Phonak Roger 20
 - Digital receiver for the Nucleus 7
- ▶ Cochlear Kanso & Cochlear Kanso 2
 - No DAI
 - Cochlear Mini Mic 2+ as transmitter
 - MM2+ as intermediary & Roger as transmitter
 - Reliance on app for streaming on Kanso 2
- ▶ Phonak RogerDirect (“Marvel”) Hearing Aids
 - Receiver *installed and uninstalled* using Roger installer device
 - To ensure proper installation any RogerDirect HAs, Roger devices and Roger installers within 3 metres must be turned OFF
 - Increase transmission to 100m between speaker and listener

Equipment Tips

▶ Touchscreen in Small Group mode

-  VS 
- *Automatic* microphone mode must be selected
- When in Small Group mode, Touchscreen stops transmitting to DigiMaster
- Boom mic disables Small Group mode

▶ MultiTalker Networks

- Touchscreen: To leave a network → *NewNet*
- Roger inspiro: To leave a network → *Network, Create NewNet*



Auditory Outreach Online

- **Website:**

<https://www.sd47.bc.ca/auditoryoutreach/Pages/default.aspx#/=>

- **EasySheets/ Resources:**

<https://www.sd47.bc.ca/auditoryoutreach/resources/easysheets/Pages/default.aspx#/=>

- **Referral Process and Forms:**

<https://www.sd47.bc.ca/auditoryoutreach/referral/forms/Pages/default.aspx#/=>

Thank You!



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Policy, Administration & Requests

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