

## Ulkomaisten tutkimusten kartoitus

Vuonna 2012 julkaistut tutkimukset

### Kieli ja puhe

<http://www.ncbi.nlm.nih.gov/pubmed/21586617>

Ertmer, D. J., & Jung, J. (2012). **Prelinguistic vocal development in young cochlear implant recipients and typically developing infants: Year 1 of robust hearing experience.**

*Journal of Deaf Studies and Deaf Education*, 17(1), 116-132. doi:10.1093/deafed/enr021. Vapaasti luettavissa osoitteessa: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3243877/>

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3598411/>

Dillon, C. M., de Jong, K., & Pisoni, D. B. (2012). **Phonological awareness, reading skills, and vocabulary knowledge in children who use cochlear implants.** *Journal of Deaf Studies and Deaf Education*, 17(2), 205–226. doi: 10.1093/deafed/enr043. Vapaasti luettavissa osoitteessa:

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3598411/pdf/enr043.pdf>

<http://www.ncbi.nlm.nih.gov/pubmed/22223888>

Stiles, D. J., Bentler, R. A., & McGregor, K. K. (2012). **The speech intelligibility index and the pure-tone average as predictors of lexical ability in children fit with hearing aids.** *Journal of Speech, Language, and Hearing Research*, 55(3), 764–778.

<http://www.ncbi.nlm.nih.gov/pubmed/22143296>

Yim, D. (2012). **Spanish and English language performance in bilingual children with cochlear implants.** *Otology and Neurotology*, 33(1), 20–55. doi: 10.1097/MAO.0b013e31823c9375.

<http://www.ncbi.nlm.nih.gov/pubmed/21728834>

Snow, D.P., & Ertmer, D.J. (2012). **Children's development of intonation during the first year of cochlear implant experience.** *Clinical Linguistics and Phonetics*, 26(1), 51–70. doi: 10.3109/02699206.2011.588371.



<http://www.ncbi.nlm.nih.gov/pubmed/22369059>

Huttunen, K., & Välimaa, T. (2012). **Perceptions of parents and speech and language therapists on the effects of paediatric cochlear implantation and habilitation and education following it.**

*International Journal of Language & Communication Disorders*, 47(2), 184–196. doi: 10.1111/j.1460-6984.2011.00094.x

<http://www.ncbi.nlm.nih.gov/pubmed/22513078>

May-Mederake, B. (2012). **Early intervention and assessment of speech and language development in young children with cochlear implants.** *International Journal of Pediatric Otorhinolaryngology*, 76(7), 939–946. doi: 10.1016/j.ijporl.2012.02.051.

<http://www.ncbi.nlm.nih.gov/pubmed/22215039>

Caselli, M.C., Rinaldi, P., Varuzza, C., Giuliani, A., & Burdo, S. (2012). **Cochlear implant in the second year of life: lexical and grammatical outcomes.** *Journal of Speech, Language, and Hearing Research*, 55(2), 382–394. doi: 10.1044/1092-4388(2011/10-0248).

Asker-Árnason, L., Akerlund, V., Skoglund, C., Ek-Lagergren, I., Wengelin, A., & Sahlén, B. (2012). **Spoken and written narratives in Swedish children and adolescents with hearing impairment.** *Communication Disorders Quarterly*, 33(3), 131–145.

<http://www.ncbi.nlm.nih.gov/pubmed/22340747>

Fitzpatrick, E. M., Olds, J., Gaboury, I., McCrae, R., Schramm, D., & Durieux-Smith, A. (2012). **Comparison of outcomes in children with hearing aids and cochlear implants.** *Cochlear Implants International*, 13(1), 5–15.

<http://www.ncbi.nlm.nih.gov/pubmed/22490622>

Szagan, G., & Stumper, B. (2012). **Age or experience? The influence of age at implantation and social and linguistic environment on language development in children with cochlear implants.** *Journal of Speech, Language, and Hearing Research*, 55(6), 1640–1654.



<http://www.ncbi.nlm.nih.gov/pubmed/22490184>

Houston, D. M., Stewart, J., Moberly, A., Hollich, G., & Miyamoto, R. T. (2012). **Word learning in deaf children with cochlear implants: Effects of early auditory experience.** *Developmental Science*, 15(3), 448–461

Beer, J., Harris, M.S., Kronenberger, W.G., Holt, R.F., Pisoni, D.B. (2012). **Auditory skills, language development, and adaptive behavior of children with cochlear implants and additional disabilities.** *International Journal of Audiology*, 51(6), 491–498.

<http://www.ncbi.nlm.nih.gov/pubmed/22577073>

Knooks, H., & Marschark, M. (2012). **Language planning for the 21st century: Revisiting bilingual language policy for deaf children.** *Journal of Deaf Studies and Deaf Education*, 17(4), 535. doi: 10.1093/deafed/ens027

<http://www.ncbi.nlm.nih.gov/pubmed/22281374>

Iwasaki, S., Nishio, S., Moteki, H., Takumi, Y., Fukushima, K., Kasai, N., & Usami, S. (2012). **Language development in Japanese children who receive cochlear implant and/or hearing aid.** *International Journal of Pediatric Otorhinolaryngology*, 76(3), 433–438.

Dammeyer, J. (2012). **A longitudinal study of pragmatic language development in three children with cochlear implants.** *Deafness & Education International*, 14(4), 217–232.

<http://www.ncbi.nlm.nih.gov/pubmed/22223887>

Ambrose, S. E., Fey, M. E., & Eisenberg, L. S. (2012). **Phonological awareness and print knowledge of preschool children with cochlear implants.** *Journal of Speech, Language, and Hearing Research*, 55(3), 811–823.

<http://www.ncbi.nlm.nih.gov/pubmed/22942315>

Crowe, K., McLeod, S., & Ching, T.Y. (2012). **The cultural and linguistic diversity of 3-year-old children with hearing loss.** *Journal of Deaf Studies and Deaf Education*, 17(4), 421–438.



<http://www.ncbi.nlm.nih.gov/pubmed/22906641>

Hassanzadeh, S. (2012). **Outcomes of cochlear implantation in deaf children of deaf parents: Comparative study.** *Journal of Laryngology and Otology*, 126(10), 989–994.

<http://www.ncbi.nlm.nih.gov/pubmed/22792853>

Levrez, C., Bourdin, B., Le Driant, B., Forgeot d’Arc, B., & Vandromme, L. (2012). **The impact of verbal capacity on theory of mind in deaf and hard of hearing children.** *American Annals of the Deaf*, 157(1), 66–77.

Woll, B. (2012). **Speechreading revisited.** *Deafness & Education International*, 14(1), 16–21.

<http://www.ncbi.nlm.nih.gov/pubmed/22954364>

Huttunen, K., & Ryder, N. (2012). **How children with normal hearing and children with a cochlear implant use mentalizing vocabulary and other evaluative expressions in their narratives.** *Clinical Linguistics & Phonetics*, 26(10), 823–844.

<http://www.ncbi.nlm.nih.gov/pubmed/23084781>

Fulcher, A., Purcell, A.A., Baker, E., & Munro, N. (2012). **Listen up: Children with early identified hearing loss achieve age-appropriate speech/language outcomes by 3 years-of-age.** *International*

<http://www.ncbi.nlm.nih.gov/pubmed/22776809>

Rachovitsas, D., Psillas, G., Chatzigiannakidou, V., Triaridis, S., Constantinidis, J., & Vital, V. (2012). **Speech perception and production in children with inner ear malformations after cochlear implantation.** *International Journal of Pediatric Otorhinolaryngology*, 76(9), 1370–1374. doi: 10.1016/j.ijporl.2012.06.009.

<http://www.ncbi.nlm.nih.gov/pubmed/22743078>

Black, J., Hickson, L., & Black, B. (2012). **Defining and evaluating success in paediatric cochlear implantation – an exploratory study.** *International Journal of Pediatric Otorhinolaryngology*, 76(9), 1317–1326. doi: 10.1016/j.ijporl.2012.05.027.



<http://www.ncbi.nlm.nih.gov/pubmed/22699986>

Cruz, I., Vicaria, I., Wang, N.Y., Niparko, J., Quittner, A.L. and the CDaCI Investigative Team (75 Collaborators) (2012). **Language and behavioral outcomes in children with developmental disabilities using cochlear implants.** *Otology and Neurotology*, 33(5), 751–760. doi: 10.1097/MAO.0b013e3182595309.

<http://www.ncbi.nlm.nih.gov/pubmed/23259352>

Decker, K. B., Vallotton, C. D., & Johnson, H. A. (2012). **Parents' communication decision of children with hearing loss: Sources of information and influence.** *American Annals of the Deaf*, 157(4), 326–339.

<http://www.ncbi.nlm.nih.gov/pubmed/23027674>

Ting, J.Y., Bergeson, T.R., & Miyamoto, R.T. (2012). **Effects of simultaneous speech and sign on infants' attention to spoken language.** *Laryngoscope*, 122(12), 2808–2012. doi: 10.1002/lary.22149.

<http://www.ncbi.nlm.nih.gov/pubmed/22975903>

Birman, C.S., Elliott, E.J., & Gibson, W.P. (2012). **Pediatric cochlear implants: additional disabilities prevalence, risk factors, and effect on language outcomes.** *Otology and Neurotology*, 33(8), 1347–1352. doi: 10.1097/MAO.0b013e31826939cc.

<http://www.ncbi.nlm.nih.gov/pubmed/22397214>

O'Brien, L.C., Valim, C., Neault, M., Kammerer, B., Clark, T., Johnston, J., Culver, S., Zhou, J., Kenna, M.A., & Licameli, G.R. (2012). **Prognosis tool based on a modified children's implant profile for use in pediatric cochlear implant candidacy evaluation.** *Annals of Otology, Rhinology, and Laryngology*, 121(2), 73–84.

## Sosio-emotionaaliset vaikutukset

<http://www.ncbi.nlm.nih.gov/pubmed/22449032>

Dammeyer, J. (2012). **Children with Usher syndrome: mental and behavioral disorders.** *Behavioral and Brain Functions*, 8, 16 (March 27th, 2012). Vapaasti luettavissa osoitteessa: <http://www.behavioralandbrainfunctions.com/content/8/1/16>. doi:10.1186/1744-9081-8-16

<http://www.ncbi.nlm.nih.gov/pubmed/22444739>

Edwards, L., Hill, T., & Mahon, M. (2012). **Quality of life in children and adolescents with cochlear implants and additional needs.** *International Journal of Pediatric Otorhinolaryngology*, 76(6), 851–857. doi: 10.1016/j.ijporl.2012.02.057.

<http://www.ncbi.nlm.nih.gov/pubmed/22248561>

Sparreboom, M., Snik, A.F., & Mylanus, E.A. (2012). **Sequential bilateral cochlear implantation in children: quality of life.** *Archives of Otolaryngology, Head and Neck Surgery*, 138(2), 134–141. doi: 10.1001/archoto.2011.229.

<http://www.ncbi.nlm.nih.gov/pubmed/22459035>

Wiefferink, C.H., Rieffe, C., Ketelaar, L., & Frijns, J.H.M. (2012). **Predicting social functioning in children with a cochlear implant and in normal-hearing children: The role of emotion regulation.** *International Journal of Pediatric Otorhinolaryngology* 76(6), 883–889.

<http://www.ncbi.nlm.nih.gov/pubmed/22847880>

Ketelaar, L., Rieffe, C., Wiefferink, C.H., Frijns, J.H. (2012). **Does hearing lead to understanding? Theory of mind in toddlers and preschoolers with cochlear implants.** *Journal of Pediatric Psychology*, 37(9), 1041–1050.

<http://www.ncbi.nlm.nih.gov/pubmed/22186369>

Most, T., Ingber, S., & Heled-Ariam, E. (2012). **Social competence, sense of loneliness, and speech intelligibility of young children with hearing loss in individual inclusion and group inclusion.** *Journal of Deaf Studies and Deaf Education*, 17(2), 259–272. doi: 10.1093/deafed/enr049. Vapaasti luettavissa osoitteessa: <http://jdsde.oxfordjournals.org/content/17/2/259.full.pdf+html>



<http://www.ncbi.nlm.nih.gov/pubmed/22351698>

van Gent, T., Goedhart, A. W., Knoors, H. E. T., Westenberg, P. M., & Treffers, P. D. A. (2012). **Self-concept and ego development in deaf adolescents: A comparative study.** *Journal of Deaf Studies and Deaf Education*, 17(3), 333–351. doi:10.1093/deafed/ens002.

<http://www.ncbi.nlm.nih.gov/pubmed/22988295>

Wolters N, Knoors H, Cillessen AH, Verhoeven L. (2012). **Impact of peer and teacher relations on deaf early adolescents' well-being: comparisons before and after a major school transition.** *Journal of Deaf Studies and Deaf Education*, 17(4), 463–482.

<http://www.ncbi.nlm.nih.gov/pubmed/22588232>

Clark, J.H., Wang, N.Y., Riley, A.W., Carson, C.M., Meserole, R.L., Lin, F.R., Eisenberg, L.S., Tobe, E.A., Quittner, A.L., Francis, H.W.; and the CDaCI Investigative Team, Niparko JK. (77 Collaborators) (2012). **Timing of cochlear implantation and parents' global ratings of children's health and development.** *Otology and Neurotology*, 33(4), 545–552. doi: 10.1097/MAO.0b013e3182522906.

<http://www.ncbi.nlm.nih.gov/pubmed/22443855>

Yamazaki, H., Yamamoto, R., Moroto, S., Yamazaki, T., Fujiwara, K., Nakai, M., Ito, J., & Naito, Y. (2012). **Cochlear implantation in children with congenital cytomegalovirus infection accompanied by psycho-neurological disorders.** *Acta Otolaryngologica*, 132(4), 420–427. doi: 10.3109/00016489.2011.653442.

## Koulu

Archbold, S., & Mayer, C. (2012). **Deaf education: The impact of cochlear implantation?** *Deafness & Education International*, 14(1), 2–15.

De Raeve, L., & Lichtert, G. (2012). **Changing trends within the population of children who are deaf or hard of hearing in Flanders (Belgium): Effects of 12 years of universal newborn hearing screening, early intervention, and early cochlear implantation.** *The Volta Review*, 112(2), 131–148.



<http://www.ncbi.nlm.nih.gov/pubmed/22115687>

Soman, U. G., Kan, D., & Tharpe, A. M. (2012). **Rehabilitation and educational considerations for children with cochlear implants.** *Otolaryngologic Clinics of North America*, *45*(1), 141–153. doi: 10.1016/j.otc.2011.08.022

Marschark, M., Bull, R., Sapere, P., Nordmann, E., Skene, W., Lukomski, J., & Lumsden, S. (2012). **Do you see what I see? school perspectives of deaf children, hearing children and their parents.** *European Journal of Special Needs Education*, *27*(4), 483–497. doi: 10.1080/08856257.2012.719106

Pakulski, L.A., & Kaderavek, J.N. (2012). **Reading intervention to improve narrative production, narrative comprehension, and motivation and interest of children with hearing loss.** *The Volta Review*, *112*(2), 87–112.

<http://www.ncbi.nlm.nih.gov/pubmed/21724967>

Beal-Alvarez, J. S., Lederberg, A. R., & Easterbrooks, S. R. (2012). **Grapheme–phoneme acquisition of deaf preschoolers.** *Journal of Deaf Studies and Deaf Education*, *17*(1), 39–60. doi: 10.1093/deafed/enr030

<http://www.ncbi.nlm.nih.gov/pubmed/22972903>

Guardino, C., & Antia, S.D. (2012). **Modifying the classroom environment to increase engagement and decrease disruption with students who are deaf or hard of hearing.** *Journal of Deaf Studies and Deaf Education*, *17*(4), 518–533.

<http://www.ncbi.nlm.nih.gov/pubmed/22792850>

Easterbrooks, S.R., & Beal-Alvarez, J. (2012). **States' reading outcomes of students who are D/deaf and hard of hearing.** *American Annals of the Deaf*, *157*(1), 27–40.

<http://www.ncbi.nlm.nih.gov/pubmed/22524095>

Williams, C. (2012). **Promoting vocabulary learning in young children who are D/deaf and hard of hearing: Translating research into practice.** *American Annals of the Deaf*, *156*(5), 501–508.





<http://www.ncbi.nlm.nih.gov/pubmed/22988294>

Miller, P., Kargin, T., Guldenoglu, B., Rathmann, C., Kubus, O., Hauser, P., Spurgeon, E. (2012). **Factors distinguishing skilled and less skilled deaf readers: evidence from four orthographies.** *Journal of Deaf Studies and Deaf Education*, 17(4), 439–462.

<http://www.ncbi.nlm.nih.gov/pubmed/22960754>

Rekkedal, A.M. (2012). **Assistive hearing technologies among students with hearing impairment: factors that promote satisfaction.** *Journal of Deaf Studies and Deaf Education*, 17(4), 499–517.

<http://www.ncbi.nlm.nih.gov/pubmed/22436118>

Rothpletz, A.M., Wightman, F.L., & Kistler, D.J. (2012). **Self-monitoring of listening abilities in normal-hearing children, normal-hearing adults, and children with cochlear implants.** *Journal of the American Academy of Audiology*, 23(3), 206–221. doi: 10.3766/jaaa.23.3.7

<http://www.ncbi.nlm.nih.gov/pubmed/22949609>

Spencer, L.J., Tomblin, J.B., & Gantz, B.J. (2012). **Growing up with a cochlear implant: education, vocation, and affiliation.** *Journal of Deaf Studies and Deaf Education*, 17(4), 483–498.

<http://www.ncbi.nlm.nih.gov/pubmed/22978202>

Appelman, K. I., Ottren Callahan, J., Mayer, M. H., Luetke, B. S., & Stryker, D. S. (2012). **Education, employment, and independent living of young adults who are deaf and hard of hearing.** *American Annals of the Deaf*, 157(3), 264–275.

## Muita

<http://www.ncbi.nlm.nih.gov/pubmed/22470180>

Antonopoulou, K., Hadjikakou, K., Stampoltzis, A., & Nicolaou, N. (2012). **Parenting styles of mothers with deaf or hard-of-hearing children and hearing siblings.** *Journal of Deaf Studies and Deaf Education*, 17(3), 306–318. doi:10.1093/deafed/ens013

<http://www.ncbi.nlm.nih.gov/pubmed/22942314>

VanDam, M., Ambrose, S.E., & Moeller, M.P. (2012). **Quantity of parental language in the home environments of hard-of-hearing 2-year-olds.** *Journal of Deaf Studies and Deaf Education*, 17(4), 402–420.

<http://www.ncbi.nlm.nih.gov/pubmed/22960753>

Matthijs, L., Loots, G., Mouvet, K., Van Herreweghe, M., Hardonk, S., Van Hove, G., Van Puyvelde, M., & Leigh, G. (2012). **First information parents receive after UNHS detection of their baby's hearing loss.** *Journal of Deaf Studies and Deaf Education*, 17(4), 387–401.

<http://www.ncbi.nlm.nih.gov/pubmed/22978203>

Ingber, S., & Most, T. (2012). **Fathers' involvement in preschool programs for children with and without hearing loss.** *American Annals of the Deaf*, 157(3), 276–288.

<http://www.ncbi.nlm.nih.gov/pubmed/23469365>

Hsiao, F., & Gfeller, K. (2012). **Music perception of cochlear implant recipients with implications for music instruction: A review of literature.** *Update: Applications of Research in Music Education*, 30(2), 5–10. Vapaasti luettavissa sivulla: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3587135/>

<http://www.ncbi.nlm.nih.gov/pubmed/22835930>

Stabej, K. K., Smid, L., Gros, A., Zargi, M., Kosir, A., & Vatovec, J. (2012). **The music perception abilities of prelingually deaf children with cochlear implants.** *International Journal of Pediatric Otorhinolaryngology*, 76(10), 1392–1400. doi: 10.1016/j.ijporl.2012.07.004

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3490327/>

Hopyan, T., Peretz, I., Chan, L.P., Papsin, P.C., & Gordon, K.A. (2012). **Children Using Cochlear Implants Capitalize on Acoustical Hearing for Music Perception.** *Frontiers in Psychology*, 3: 425. doi: [10.3389/fpsyg.2012.00425](https://doi.org/10.3389/fpsyg.2012.00425). Vapaasti luettavissa osoitteessa: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3490327/>

<http://www.ncbi.nlm.nih.gov/pubmed/22835928>

Scorpecci, A., Zagari, F., Mari, G., Giannantonio, S., D'Alatri, L., Di Nardo, W., & Paludetti, G. (2012). **Investigation on the music perception skills of Italian children with cochlear implants.** *International Journal of Pediatric Otorhinolaryngology*, 76(10), 1507–1514. doi: 10.1016/j.ijporl.2012.07.005.



<http://www.ncbi.nlm.nih.gov/pubmed/22554786>

Torppa, R., Salo, E., Makkonen, T., Loimo, H., Pykäläinen, J., Lipsanen, J., . . . Huotilainen, M. (2012). **Cortical processing of musical sounds in children with cochlear implants.** *Clinical Neurophysiology*, *123*(10), 1966–1979. doi: 10.1016/j.clinph.2012.03.008

Gfeller, K., Driscoll, V., Smith, R.S., Scheperle, C. (2012). **The music experiences and attitudes of a first cohort of prelingually deaf adolescent and young adult cochlear implant recipients.**

Rocca, C. (2012). **A different musical perspective: Improving outcomes in music through habilitation, education, and training for children with cochlear implants.** *Seminars in Hearing*, *33*(4), 425–433.

<http://www.ncbi.nlm.nih.gov/pubmed/23128686>

Hang, A. X., Kim, G.G., & Zdanski, C.J. (2012). **Cochlear implantation in unique pediatric populations.** *Current Opinions in Otolaryngology Head and Neck Surgery*, *20*(6), 507–517. doi: 10.1097/MOO.0b013e328359eea4.

<http://www.ncbi.nlm.nih.gov/pubmed/22994867>

Agrawal, D., Timm, L., Viola, F.C., Debener, S., Büchner, A., Dengler, R., & Wittfoth, M. (2012). **ERP evidence for the recognition of emotional prosody through simulated cochlear implant strategies.** *BMC Neuroscience*, *September 20; 13*, 113. doi: 10.1186/1471-2202-13-113. Vapaasti luettavissa sivulla: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3479061/>

<http://www.ncbi.nlm.nih.gov/pubmed/22271872>

Most, T., & Michaelis, H. (2012). **Auditory, visual, and auditory-visual perceptions of emotions by young children with hearing loss versus children with normal hearing.** *Journal of Speech, Language, and Hearing Research*, *55*(4), 1148–1162.



Willoughby, L. (2012). **Language maintenance and the deaf child.** *Journal of Multilingual and Multicultural Development*, 33(6), 605–618.

<http://www.ncbi.nlm.nih.gov/pubmed/22717120>

Chin, S. B., Bergeson, T. R., & Phan, J. (2012). **Speech intelligibility and prosody production in children with cochlear implants.** *Journal of Communication Disorders*, 45(5), 355–366.

<http://www.ncbi.nlm.nih.gov/pubmed/22921779>

Young, N.M., Kim, F.M., Ryan, M.E., Tournis, E., & Yaras, S. (2012). **Pediatric cochlear implantation of children with eighth nerve deficiency.** *International Journal of Pediatric Otorhinolaryngology*, 76(10), 1442–1448. doi: 10.1016/j.ijporl.2012.06.019.

<http://www.ncbi.nlm.nih.gov/pubmed/22668767>

Litovsky, R.Y., Goupell, M.J., Godar, S., Grieco-Calub, T., Jones, G.L., Garadat, S.N., Agrawal, S., Kan, A., Todd, A., Hess, C., & Misurelli, S. (2012). **Studies on bilateral cochlear implants at the University of Wisconsin's Binaural Hearing and Speech Laboratory.** *Journal of American Academy of Audiology*, 23(6), 476–494. doi: 10.3766/jaaa.23.6.9.

<http://www.ncbi.nlm.nih.gov/pubmed/22524091>

Wiefferink, C.H., Vermeij, B.A., & Uilenburg, N. (2012). **Family counseling in the Netherlands for Turkish-origin parents of deaf children with a cochlear implant.** *American Annals of the Deaf*, 156(6), 459–468.

<http://www.ncbi.nlm.nih.gov/pubmed/22209332>

Sparreboom, M., Leeuw, A.R., Snik, A.F., & Mylanus, E.A. (2012). **Sequential bilateral cochlear implantation in children: parents' perspective and device use.** *International Journal of Pediatric Otorhinolaryngology*, 76(3), 339–344. doi: 10.1016/j.ijporl.2011.12.004.

<http://www.ncbi.nlm.nih.gov/pubmed/22701770>

Kanda, Y., Kumagami, H., Hara, M., Sainoo, Y., Sato, C., Yamamoto-Fukuda, T., Yoshida, H., Ito, A., Tanaka, C., Baba, K., Nakata, A., Tanaka, H., & Takahashi, H. (2012). **Bilateral cochlear implantation for children in Nagasaki, Japan.** *Clinical Experiments in Otorhinolaryngology, Suppl*

1, S24–31. doi: 10.3342/ceo.2012.5.S1.S24. Vapaasti luettavissa sivulla:

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3369978/>

<http://www.ncbi.nlm.nih.gov/pubmed/22934930>

Ching, T.Y., Dillon, H., Hou, S., Zhang, V., Day, J., Crowe, K., Marnane, V., Street, L., Burns, L., Van Buynder, P., Flynn, C., & Thomson, J. (2012). **A randomized controlled comparison of NAL and DSL prescriptions for young children: Hearing-aid characteristics and performance outcomes at three years of age.** *International Journal of Audiology*, Aug 30, 2012. [Epub ahead of print]

<http://www.ncbi.nlm.nih.gov/pubmed/22177319>

Bouhabel, S., Arcand, P., & Saliba, I. (2012). **Congenital aural atresia: Bone-anchored hearing aid vs. external auditory canal reconstruction.** *International Journal of Pediatric Otorhinolaryngology*, 76(2), 272–277. doi: 10.1016/j.ijporl.2011.11.020.

<http://www.ncbi.nlm.nih.gov/pubmed/22075133>

Strøm-Roum, H., Laurent, C., & Wie, O.B. (2012). **Comparison of bilateral and unilateral cochlear implants in children with sequential surgery.** *International Journal of Pediatric Otorhinolaryngology*, 76(1), 95–59. doi: 10.1016/j.ijporl.2011.10.009.

<http://www.ncbi.nlm.nih.gov/pubmed/22215040>

**Neuman, A. C. Wroblewski, M., Hajicek, J., & Rubinstein, A. (2012).** Measuring Speech Recognition in Children With Cochlear Implants in a Virtual Classroom. **Journal of Speech, Language, and Hearing Research (Online)**, 55(2), 532–540.

McCracken, W., & Turner, O. (2012). **Deaf children with complex needs: Parental experience of access to cochlear implants and ongoing support.** *Deafness and Education International*, 14(1), 22–35.

Deuce, G., Howard, S., Rose, S., & Fuggle, C. (2012). **A study of CHARGE syndrome in the UK.** *British Journal of Visual Impairment*, 30(2), 91–100.

**Käytetyt viitetietokannat ja sähköisten lehtien tietokannat:**



MEDLINE/Ovid/PubMed, Scopus, ERIC, Linguistics and Language Behavior Abstracts, PSYCInfo, EBSCO (Academic Search Premier), Communication & Mass Media Complete