Skarzynski, H., Lorens, A., Matusiak, M., Porowski, M., Skarzynski, P. H., & James, C. J. (2014). ***Cochlear implantation with the nucleus slim straight electrode in subjects with residual low-frequency hearing.*** **Ear and Hearing, 35(2), e33-e43. doi:10.1097/01.aud.0000444781.15858.f1**

Cited: 39 times

Cited by:

Wiszomirska, I., Zdrodowska, A., Tacikowska, G., Sosna, M., Kaczmarczyk, K., Skarżyński, H. (2019), Does cochlear implantation influence postural stability in patients with hearing loss?. Gait and Posture, 74, pp. 40-44. DOI: 10.1016/j.gaitpost.2019.08.013

Sosna, M., Tacikowska, G., Pietrasik, K., Skarżyński, H., Lorens, A., Skarżyński, P.H. (2019), Effect on vestibular function of cochlear implantation by partial deafness treatment–electro acoustic stimulation (PDT–EAS). European Archives of Oto-Rhino-Laryngology, 276 (7), pp. 1951-1959. DOI: 10.1007/s00405-019-05425-5

Li, C., Kuhlmey, M., Kim, A.H. (2019), Electroacoustic Stimulation. Otolaryngologic Clinics of North America, 52 (2), pp. 311-322. DOI: 10.1016/j.otc.2018.11.008

Hoppe, U., Hocke, T., Hast, A., Iro, H. (2019), Maximum monosyllabic score as a predictor for cochlear implant outcome [Das maximale Einsilberverstehen als Prädiktor für das Sprachverstehen mit Cochleaimplantat]. HNO, 67 (3), pp. 199-206. DOI: 10.1007/s00106-018-0605-3

Choi, G.J., Gwon, T.M., Kim, D.H., Park, J., Kim, S.M., Oh, S.H., Lim, Y., Jun, S.B., Kim, S.J. (2019), CNT bundle-based thin intracochlear electrode array. Biomedical Microdevices, 21 (1), art. no. 27, . DOI: 10.1007/s10544-019-0384-y

Polonenko, M.J., Papsin, B.C., Gordon, K.A. (2019), Cortical plasticity with bimodal hearing in children with asymmetric hearing loss. Hearing Research, 372, pp. 88-98. DOI: 10.1016/j.heares.2018.02.003

Hoppe, U., Hocke, T., Hast, A., Iro, H. (2019), Maximum preimplantation monosyllabic score as predictor of cochlear implant outcome [Das maximale Einsilberverstehen als Prädiktor für das Sprachverstehen mit Cochleaimplantat]. HNO. DOI: 10.1007/s00106-019-0648-0 (Article in Press)

Gomez Serrano, M., Patel, S., Harris, R., Selvadurai, D. (2019), Initial surgical and clinical experience with the Nucleus CI532 slim modiolar electrode in the UK. Cochlear Implants International. DOI: 10.1080/14670100.2019.1597461 (Article in Press)

Incerti, P.V., Ching, T.Y.C., Cowan, R. (2019), The effect of cross-over frequency on binaural hearing performance of adults using electric-acoustic stimulation. Cochlear Implants International. DOI: 10.1080/14670100.2019.1590499 (Article in Press)

Kim, J.-S., Tejani, V.D., Abbas, P.J., Brown, C.J. (2018), Postoperative Electrocochleography from Hybrid Cochlear Implant users: An Alternative Analysis Procedure. Hearing Research, 370, pp. 304-315. DOI: 10.1016/j.heares.2018.10.016

Risi, F. (2018), Considerations and rationale for cochlear implant electrode design-past, present and future. Journal of International Advanced Otology, 14 (3), pp. 382-391. DOI: 10.5152/iao.2018.6372

Stevens, S.M., Redmann, A., Whitaker, K., Ruotanen, A., Houston, L., Hammer, T., Samy, R.N. (2018), Preliminary outcomes report for CO2 laser assisted electric-acoustic cochlear implantation. Otology and Neurotology, 39 (5), pp. 582-590. DOI: 10.1097/MAO.0000000000001789

Wanna, G.B., O'Connell, B.P., Francis, D.O., Gifford, R.H., Hunter, J.B., Holder, J.T., Bennett, M.L., Rivas, A., Labadie, R.F., Haynes, D.S. (2018), Predictive factors for short- and long-term hearing preservation in cochlear implantation with conventional-length electrodes. Laryngoscope, 128 (2), pp. 482-489. DOI: 10.1002/lary.26714

Sipari, S., Iso-Mustajärvi, M., Löppönen, H., Dietz, A. (2018), The insertion results of a mid-scala electrode assessed by MRI and CBCT image fusion. Otology and Neurotology, 39 (10), pp. e1019-e1025. DOI: 10.1097/MAO.0000000000002045

Cuda, D., Murri, A. (20174), Cochlear implantation with the nucleus slim modiolar electrode (CI532): a preliminary experience. European Archives of Oto-Rhino-Laryngology, 274 (12), pp. 4141-4148. DOI: 10.1007/s00405-017-4774-6

Meredith, M.A., Rubinstein, J.T., Sie, K.C.Y., Norton, S.J. (2017), Cochlear implantation in children with postlingual progressive steeply sloping high-frequency hearing loss. Journal of the American Academy of Audiology, 28 (10), pp. 913-919. DOI: 10.3766/jaaa.16115

Mady, L.J., Sukato, D.C., Fruit, J., Palmer, C., Raz, Y., Hirsch, B.E., McCall, A.A. (2017), Hearing Preservation: Does Electrode Choice Matter?. Otolaryngology - Head and Neck Surgery (United States), 157 (5), pp. 837-847. DOI: 10.1177/0194599817707167

Iso-Mustajärvi, M., Matikka, H., Risi, F., Sipari, S., Koski, T., Willberg, T., Lehtimäki, A., Tervaniemi, J., Löppönen, H., Dietz, A. (2017), A New Slim Modiolar Electrode Array for Cochlear Implantation: A Radiological and Histological Study. Otology and Neurotology, 38 (9), pp. e327-e334. DOI: 10.1097/MAO.0000000000001542

Dorman, M.F., Gifford, R.H. (2017), Speech understanding in complex listening environments by listeners fit with cochlear implants. Journal of Speech, Language, and Hearing Research, 60 (10), pp. 3019-3026. DOI: 10.1044/2017_JSLHR-H-17-0035

Moran, M., Dowell, R.C., Iseli, C., Briggs, R.J.S. (2017), Hearing Preservation Outcomes for 139 Cochlear Implant Recipients Using a Thin Straight Electrode Array. Otology and Neurotology, 38 (5), pp. 678-684. DOI: 10.1097/MAO.0000000000001374

Wolfe, J., Neumann, S., Schafer, E., Marsh, M., Wood, M., Baker, R.S. (2017), Potential benefits of an integrated electric-acoustic sound processor with children: A preliminary report. Journal of the American Academy of Audiology, 28 (2), pp. 127-140. DOI: 10.3766/jaaa.15133

Dorman, M.F., Natale, S., Spahr, A., Castioni, E. (2017), Speech understanding in noise by patients with cochlear implants using a monaural adaptive beamformer. Journal of Speech,

Language, and Hearing Research, 60 (8), pp. 2360-2363. DOI: 10.1044/2017_JSLHR-H-16-0312

Verberne, J., Risi, F., Campbell, L., Chambers, S., O'Leary, S. (2017), The effect of scala tympani morphology on basilar membrane contact with a straight electrode array: A human temporal bone study. Otology and Neurotology, 38 (1), pp. 47-53. DOI: 10.1097/MAO.0000000000001259

Abbas, P.J., Tejani, V.D., Scheperle, R.A., Brown, C.J. (2017), Using Neural Response Telemetry to Monitor Physiological Responses to Acoustic Stimulation in Hybrid Cochlear Implant Users. Ear and Hearing, 38 (4), pp. 409-425. DOI: 10.1097/AUD.0000000000000400

Cantore, I., De Nicola, C., Santandrea, A., Carelli, G., Valente, P., Santandrea, L., Cantore, R. (2016), Performance differences between electroacoustic and electric alone cochlear stimulation using complex tests in noise. A pilot study. Hearing, Balance and Communication, 14 (4), pp. 194-200. DOI: 10.1080/21695717.2016.1236596

Suhling, M.-C., Majdani, O., Salcher, R., Leifholz, M., Büchner, A., Lesinski-Schiedat, A., Lenarz, T. (2016), The Impact of Electrode Array Length on Hearing Preservation in Cochlear Implantation. Otology and Neurotology, 37 (8), pp. 1006-1015. DOI: 10.1097/MAO.0000000000001110

Skarzynski, H., Matusiak, M., Lorens, A., Furmanek, M., Pilka, A., Skarzynski, P.H. (2016), Preservation of cochlear structures and hearing when using the Nucleus Slim Straight (CI422) electrode in children. Journal of Laryngology and Otology, 130 (4), pp. 332-339. DOI: 10.1017/S0022215115003436

Gibson, P., Boyd, P. (2016), Optimal electrode design: Straight versus perimodiolar. European Annals of Otorhinolaryngology, Head and Neck Diseases, 133, pp. S63-S65. DOI: 10.1016/j.anorl.2016.04.014

Van Abel, K.M., Dunn, C.C., Sladen, D.P., Oleson, J.J., Beatty, C.W., Neff, B.A., Hansen, M., Gantz, B.J., Driscoll, C.L.W. (2016), Hearing preservation among patients undergoing cochlear implantation. Otology and Neurotology, 36 (3), pp. 416-421. DOI: 10.1097/MAO.0000000000000703

Hunter, J.B., Gifford, R.H., Wanna, G.B., Labadie, R.F., Bennett, M.L., Haynes, D.S., Rivas, A. (2016), Hearing preservation outcomes with a mid-scala electrode in cochlear implantation. Otology and Neurotology, 37 (3), pp. 235-240. DOI: 10.1097/MAO.0000000000000963

Franke-Trieger, A., Mürbe, D. (2015), Estimation of insertion depth angle based on cochlea diameter and linear insertion depth: a prediction tool for the CI422. European Archives of Oto-Rhino-Laryngology, 272 (11), pp. 3193-3199. DOI: 10.1007/s00405-014-3352-4

Sweeney, A.D., Carlson, M.L., Zuniga, M.G., Bennett, M.L., Wanna, G.B., Haynes, D.S., Rivas, A. (2015), Impact of perioperative oral steroid use on low-frequency hearing preservation after cochlear implantation. Otology and Neurotology, 36 (9), pp. 1480-1485. DOI: 10.1097/MAO.0000000000000847

Ching, T.Y.C., Incerti, P., Plant, K. (2015), Electric-Acoustic stimulation: For whom, in which ear, and how. Cochlear Implants International, 16 (S1), pp. S12-S15. DOI: 10.1179/1467010014Z.000000000225

Brown, K.D., Melton, M.F., Shonfield, H., Kraskin, M., Wolf, J. (2015), Preserved low-frequency hearing following 20-mm cochlear implantation. Otology and Neurotology, 36 (2), pp. 240-243. DOI: 10.1097/MAO.0000000000000684

Hassepass, F., Aschendorff, A., Bulla, S., Arndt, S., Maier, W., Laszig, R., Beck, R. (2015), Radiologic Results and Hearing Preservation With a Straight Narrow Electrode via Round Window Versus Cochleostomy Approach at Initial Activation. Otology and Neurotology, 36 (6), pp. 993-1000. DOI: 10.1097/MAO.0000000000000726

Skarzynski, H., Lorens, A., Dziendziel, B., Skarzynski, P.H. (2015), Expanding pediatric cochlear implant candidacy: A case study of electro-natural stimulation (ENS) in partial deafness treatment. International Journal of Pediatric Otorhinolaryngology, 79 (11), pp. 1896-1900. DOI: 10.1016/j.ijporl.2015.08.040

Plant, K.L., Van Hoesel, R.J.M., McDermott, H.J., Dawson, P.W., Cowan, R.S. (2015), Clinical Outcomes for Adult Cochlear Implant Recipients Experiencing Loss of Usable Acoustic Hearing in the Implanted Ear. Ear and Hearing, 36 (3), pp. 338-356. DOI: 10.1097/AUD.0000000000000122

Ihler, F., Pelz, S., Coors, M., Matthias, C., Canis, M. (2014), Application of a TNF-alpha-inhibitor into the scala tympany after cochlear electrode insertion trauma in guinea pigs: Preliminary audiologic results. International Journal of Audiology, 53 (11), pp. 810-816. DOI: 10.3109/14992027.2014.938369

Todt, I., Mittmann, P., Ernst, A. (2014), Intracochlear fluid pressure changes related to the insertional speed of a CI electrode. BioMed Research International, 2014, art. no. 507241. DOI: 10.1155/2014/507241