

**Skarżyński, H., Lorens, A., Matusiak, M., Porowski, M., Skarżyński, P. H., & James, C. J. (2012). Partial deafness treatment with the nucleus straight research array cochlear implant. [Tratamiento de la sordera parcial con el implante coclear del electrodo recto Nucleus. ]. Audiology and Neurotology, 17(2), 82-91. doi:10.1159/000329366**

**Citado: 53 veces**

**Citado por:**

Lee, J.Y., Hong, S.H., Moon, I.J., Kim, E.Y., Baek, E., Seol, H.Y., Kang, S. (2019), Effect of cochlear implant electrode array design on electrophysiological and psychophysical measures: Lateral wall versus perimodiolar types. Journal of Audiology and Otology, 23 (3), pp. 145-152. DOI: 10.7874/jao.2019.00164

Roland, J.T., Jr., Gantz, B.J., Waltzman, S.B., Parkinson, A.J. (2018), Long-term outcomes of cochlear implantation in patients with high-frequency hearing loss. Laryngoscope, 128 (8), pp. 1939-1945. DOI: 10.1002/lary.27073

Menegatti Pavan, A.L., Alves, A.F.F., Giacomini, G., Altemani, J.M.C., Castilho, A.M., Lauria, R.A., da Silva, V.A.R., Guimarães, A.C., de Pina, D.R. (2018), Cochlear implants: Insertion assessment by computed tomography. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 39 (4), pp. 431-435. DOI: 10.1016/j.amjoto.2018.04.009

Spirrov, D., van Dijk, B., Francart, T. (2018), Optimal gain control step sizes for bimodal stimulation. International Journal of Audiology, 57 (3), pp. 184-193. DOI: 10.1080/14992027.2017.1403655

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

Hotton, M., Bergeron, F. (2018), A systematic review of the effectiveness of hearing technologies on speech perception outcomes for people with a severe-to-profound high-frequency hearing loss [Revue systématique sur l'efficacité des technologies de suppléance auditive pour améliorer la perception de la parole chez les personnes présentant une perte auditive sévère à profonde dans les hautes fréquences]. Canadian Journal of Speech-Language Pathology and Audiology, 42 (2), pp. 95-115.

Schuurbiers, J., Dingemanse, G., Metselaar, M. (2017), Decline of low-frequency hearing in people with ski-slope hearing loss: Implications for electrode array insertion. Otology and Neurotology, 38 (10), pp. 1421-1425. DOI: 10.1097/MAO.0000000000001573

Cuda, D., Murri, A. (2017), 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

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

Mirsalehi, M., Mohebbi, S., Ghajarzadeh, M., Lenarz, T., Majdani, O. (2017), Impact of the round window membrane accessibility on hearing preservation in adult cochlear implantation. *European Archives of Oto-Rhino-Laryngology*, 274 (8), pp. 3049-3056. DOI: 10.1007/s00405-017-4628-2

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

De Seta, D., Torres, R., Russo, F.Y., Ferrary, E., Kazmitcheff, G., Heymann, D., Amiaud, J., Sterkers, O., Bernardeschi, D., Nguyen, Y. (2017), Damage to inner ear structure during cochlear implantation: Correlation between insertion force and radio-histological findings in temporal bone specimens. *Hearing Research*, 344, pp. 90-97. DOI: 10.1016/j.heares.2016.11.002

Dietz, A., Gazibegovic, D., Tervaniemi, J., Vartiainen, V.-M., Löppönen, H. (2016), Insertion characteristics and placement of the Mid-Scala electrode array in human temporal bones using detailed cone beam computed tomography. *European Archives of Oto-Rhino-Laryngology*, 273 (12), pp. 4135-4143. DOI: 10.1007/s00405-016-4099-x

Hod, R., Attias, J., Raveh, E., Nageris, B.I. (2016), Cochlear implantation via round window or cochleostomy: Effect on hearing in an animal model. *Laryngoscope*, 126 (11), pp. E375-E378. DOI: 10.1002/lary.26033

Rau, T.S., Harbach, L., Pawsey, N., Kluge, M., Erfurt, P., Lenarz, T., Majdani, O. (2016), Insertion trauma of a cochlear implant electrode array with Nitinol inlay. *European Archives of Oto-Rhino-Laryngology*, 273 (11), pp. 3573-3585. DOI: 10.1007/s00405-016-3955-z

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

Nguyen, S., Cloutier, F., Philippon, D., Côté, M., Bussières, R., Backous, D.D. (2016), Outcomes review of modern hearing preservation technique in cochlear implant. *Auris Nasus Larynx*, 43 (5), pp. 485-488. DOI: 10.1016/j.anl.2016.02.014

Rowe, D., Chambers, S., Hampson, A., Eastwood, H., O'Leary, S. (2016), The Effect of Round Window Sealants on Delayed Hearing Loss in a Guinea Pig Model of Cochlear Implantation. *Otology and Neurotology*, 37 (8), pp. 1024-1031. DOI: 10.1097/MAO.0000000000001132

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

Skarżyński, H., Matusiak, M., Lorens, A., Furmanek, M., Pilka, A., Skarżyński, 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

Todt, I., Mittmann, P., Ernst, A. (2016), Hearing preservation with a midscalar electrode comparison of a regular and steroid/pressure optimized surgical approach in patients with residual hearing. *Otology and Neurotology*, 37 (9), pp. e349-e352. DOI: 10.1097/MAO.0000000000001068

Campbell, L., Kaicer, A., Briggs, R., O'Leary, S. (2016), Cochlear response telemetry: Intracochlear electrocochleography via cochlear implant neural response telemetry pilot study results. *Otology and Neurotology*, 36 (3), pp. 399-405. DOI: 10.1097/MAO.0000000000000678

Attias, J., Hod, R., Raveh, E., Mizrachi, A., Avraham, K.B., Lenz, D.R., Nageris, B.I. (2016), Hearing loss patterns after cochlear implantation via the round window in an animal model. *American Journal of Otolaryngology - Head and Neck Medicine and Surgery*, 37 (2), pp. 162-168. DOI: 10.1016/j.amjoto.2015.12.004

Kuthubutheen, J., Smith, L., Hwang, E., Lin, V. (2016), Preoperative steroids for hearing preservation cochlear implantation: A review. *Cochlear Implants International*, 17 (2), pp. 63-74. DOI: 10.1080/14670100.2016.1148319

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

Migirov, L., Shapira, Y., Wolf, M. (2015), The feasibility of endoscopic transcanal approach for insertion of various cochlear electrodes: a pilot study. *European Archives of Oto-Rhino-Laryngology*, 272 (7), art. no. 2995, pp. 1637-1641. DOI: 10.1007/s00405-014-2995-5

Sun, C.-H., Hsu, C.-J., Chen, P.-R., Wu, H.-P. (2015), Residual hearing preservation after cochlear implantation via round window or cochleostomy approach. *Laryngoscope*, 125 (7), pp. 1715-1719. DOI: 10.1002/lary.25122

Said Abdelsalam, N.M., Afifi, P.O. (2015), Electric auditory brainstem response (E-ABR) in cochlear implant children: Effect of age at implantation and duration of implant use. *Egyptian Journal of Ear, Nose, Throat and Allied Sciences*, 16 (2), pp. 145-150. DOI: 10.1016/j.ejenta.2015.03.001

Doshi, J., Johnson, P., Mawman, D., Green, K., Bruce, I.A., Freeman, S., Lloyd, S.K.W. (2015), Straight versus modiolar hugging electrodes: Does one perform better than the other?. *Otology and Neurotology*, 36 (2), pp. 223-227. DOI: 10.1097/MAO.0000000000000603

Doshi, J., Johnson, P., Mawman, D., Green, K., Bruce, I., Freeman, S., Lloyd, S. (2015), Straight vs. Modiolar hugging electrodes – Does one perform better than the other?. *Cochlear Implants International*, 16 (S1), pp. S33-S35. DOI: 10.1179/1467010014Z.000000000231

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

Skarżyński, H., Lorens, A., Dziendziel, B., Skarżyński, 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

Telmesani, L.M., Said, N.M. (2015), Effect of cochlear implant electrode array design on auditory nerve and behavioral response in children. *International Journal of Pediatric Otorhinolaryngology*, 79 (5), pp. 660-665. DOI: 10.1016/j.ijporl.2015.02.008

Erixon, E., Rask-Andersen, H. (2015), Hearing and Patient Satisfaction among 19 Patients Who Received Implants Intended for Hybrid Hearing: A Two-Year Follow-Up. *Ear and Hearing*, 36 (5), pp. e271-e278. DOI: 10.1097/AUD.0000000000000171

Sheffield, S.W., Jahn, K., Gifford, R.H. (2015), Preserved acoustic hearing in cochlear implantation improves speech perception. *Journal of the American Academy of Audiology*, 26 (2), pp. 145-154. DOI: 10.3766/jaaa.26.2.5

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

Santa Maria, P.L., Gluth, M.B., Yuan, Y., Atlas, M.D., Blevins, N.H. (2014), Hearing preservation surgery for cochlear implantation: A meta-analysis. *Otology and Neurotology*, 35 (10), pp. e256-e269. DOI: 10.1097/MAO.0000000000000561

Irving, S., Wise, A.K., Millard, R.E., Shepherd, R.K., Fallon, J.B. (2014), A partial hearing animal model for chronic electro-acoustic stimulation. *Journal of Neural Engineering*, 11 (4), art. no. 046008, . DOI: 10.1088/1741-2560/11/4/046008

Skarżyński, P.H., Olszewski, L., Lorens, A., Włodarczyk, A.W., Skarżyński, H. (2014), Cochlear implantation in the elderly. *Audiology and Neurotology*, 19, pp. 33-35. DOI: 10.1159/000371607

Skarżyński, H., Lorens, A., Matusiak, M., Porowski, M., Skarżyński, 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), pp. e33-e43. DOI: 10.1097/AUD.0000444781.15858.f1

Skarżyński, H., Matusiak, M., Furmanek, M., Skarżyński, P.H. (2014), Deep insertion - Round window approach by using SRA electrode. *Cochlear Implants International*, 15 (SUPPL. 1), pp. S4-S7. DOI: 10.1179/1467010014Z.000000000159

Skarżyński, H., Matusiak, M., Furmanek, M., Skarżyński, P.H. (2014), Results of SRA Nucleus Freedom CI in population of children with functional residual hearing. *Cochlear Implants International*, 15 (SUPPL. 1), pp. S24-S26. DOI: 10.1179/1467010014Z.000000000187

von Wallenberg, E., Briggs, R. (2014), Cochlear's unique electrode portfolio now and in the future. *Cochlear Implants International*, 15 (SUPPL. 1), pp. S59-S61. DOI: 10.1179/1467010014Z.000000000185

Jurawitz, M.-C., Büchner, A., Harpel, T., Schüssler, M., Majdani, O., Lesinski-Schiedat, A., Lenarz, T. (2014), Hearing preservation outcomes with different cochlear implant electrodes: Nucleus® hybrid™-L24 and nucleus freedom™ CI422. *Audiology and Neurotology*, 19 (5), pp. 293-309. DOI: 10.1159/000360601

Lenarz, T., Verhaert, N., Desloovere, C., Desmet, J., D'Hondt, C., González, J.C.F., Kludt, E., Macías, A.R., Skarżyński, H., Van De Heyning, P., Vyncke, C., Wasowski, A. (2014), A comparative study on speech in noise understanding with a direct acoustic cochlear implant in subjects with severe to profound mixed hearing loss. *Audiology and Neurotology*, 19 (3), pp. 164-174. DOI: 10.1159/000358004

Irving, S., Gillespie, L., Richardson, R., Rowe, D., Fallon, J.B., Wise, A.K. (2014), Electroacoustic Stimulation: Now and into the Future. *BioMed Research International*, 2014, art. no. 350504. DOI: 10.1155/2014/350504

Lenarz, T., James, C., Cuda, D., Fitzgerald O'Connor, A., Frachet, B., Frijns, J.H.M., Klenzner, T., Laszig, R., Manrique, M., Marx, M., Merkus, P., Mylanus, E.A.M., Offeciers, E., Pesch, J., Ramos-Macias, A., Robier, A., Sterkers, O., Uziel, A. (2013), European multi-centre study of the Nucleus Hybrid L24 cochlear implant. *International Journal of Audiology*, 52 (12), pp. 838-848. DOI: 10.3109/14992027.2013.802032

Tefili, D., Barrault, G.F.G., Ferreira, A.A., Cordioli, J.A., Lettnin, D.V. (2013), Cochlear implants: Technological aspects and socioeconomic role [Implantes cocleares: Aspectos tecnológicos e papel socioeconómico]. *Revista Brasileira de Engenharia Biomedica*, 29 (4), pp. 414-433. DOI: 10.4322/rbeb.2013.039

Távora-Vieira, D., Rodrigues, S. (2013), The use of nucleus® CI422 in a ski-slope high-frequency hearing loss and chronic external ear pathology: A case study. *Cochlear Implants International*, 14 (5), pp. 291-294. DOI: 10.1179/1754762812Y.0000000022

Skarżyński, P.H., Wolak, T., Skarżyński, H., Lorens, A., Śliwa, L., Rusiniak, M., Pluta, A., Lewandowska, M., Ciesla, K., Wiktor Jedrzejczak, W., Olszewski, L. (2013), Application of the functional magnetic resonance imaging (fMRI) for the assessment of the primary auditory cortex function in partial deafness patients - A preliminary study. (2013) Journal of International Advanced Otology, 9 (2), pp. 153-160.

Coordes, A., Ernst, A., Brademann, G., Todt, I. (2013), Round window membrane insertion with perimodiolar cochlear implant electrodes. Otology and Neurotology, 34 (6), pp. 1027-1032. DOI: 10.1097/MAO.0b013e318280da2a

Gifford, R.H., Dorman, M.F., Skarżyński, H., Lorens, A., Polak, M., Driscoll, C.L.W., Roland, P., Buchman, C.A. (2013), Cochlear implantation with hearing preservation yields significant benefit for speech recognition in complex listening environments. Ear and Hearing, 34 (4), pp. 413-425. DOI: 10.1097/AUD.0b013e31827e8163

Incerti, P.V., Ching, T.Y.C., Cowan, R. (2013), A systematic review of electric-acoustic stimulation: Device fitting ranges, outcomes, and clinical fitting practices. Trends in Amplification, 17 (1), pp. 3-26. DOI: 10.1177/1084713813480857