Additional file 06. List of records (n=78) that explicitly fitted the systematic review inclusion criteria as defined by our PROSPERO protocol, and were included in the systematic review data extraction; and those (n=31) that closely fitted and were included for sensitivity analysis only. The list of systematic reviews (n=12) that were reviewed is also included.

Records (n=78) that fitted all inclusion criteria and were included in the data extraction:

Agterberg, M.J.H., Snik, A.F.M., Van de Goor, R.M.G., Hol, M.K.S., & Van Opstal, A.J. (2019). Sound-localization performance of patients with single-sided deafness is not improved when listening with a bone-conduction device. *Hear Res*. **372**: 62–68.
Ahmed, M.F., & Khater, A. (2017). Tinnitus suppression after cochlear implantation in patients with single-sided deafness. *Egypt J Otolaryngol*. **33**: 61.
Arndt, S., Aschendorff, A., Laszig, R., Beck, R., Schild, C., Kroeger, S., Ihorst, G., & Wesarg, T. (2011). Comparison of pseudobinaural hearing to real binaural hearing rehabilitation after cochlear implantation in patients with unilateral deafness and tinnitus. *Otol Neurotol*. **32**: 39–47.
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Arndt, S., Laszig, R., Aschendorff, A., Hassepass, F., Beck, R., & Wesarg, T. (2017). [Cochlear implant treatment of patients with single-sided deafness or asymmetric hearing loss. German version]. *HNO*. **65**: 586–598.
Bance, M. (2012). A comparison between wireless CROS and bone-anchored hearing devices for single-sided deafness: A pilot study. In: ClinicalTrials.gov. https://clinicaltrials.gov/ct2/show/NCT01715948?cond=NCT01715948&rank=1. Accessed 10 Aug 2020.
Bosman, A.J., Hol, M.K.S., Snik, A.F.M., Mylanus, E.A.M., & Cremers, C.W.R.J. (2003). Bone-anchored Hearing Aids in Unilateral Inner Ear Deafness. *Acta Otolaryngol*. **123**: 258–260.
Carlson, M.L. (2014). Cochlear implantation among adults and older children with unilateral or asymmetric hearing loss. In: ClinicalTrials.gov. https://clinicaltrials.gov/ct2/show/NCT02105441. Accessed 10 Aug 2020.
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Desmet, J.B.J., Wouters, K., De Bodt, M., & Van de Heyning, P. (2012). Comparison of 2 implantable bone conduction devices in patients with single-sided deafness using a daily alternating method. *Otol Neurotol*. **33**: 1018–1026.
Doge, J., Baumann, U., Weissgerber, T., & Rader, T. (2017). Single-sided deafness: Impact of cochlear implantation on speech perception in complex noise and on auditory localization accuracy. *Otol Neurotol*. **38**: e563–e569.
Dunn, C. & Burke, D. (2019). Iowa cochlear implant clinical research center study of SSD using Med-El cochlear implants. In: ClinicalTrials.gov. https://clinicaltrials.gov/ct2/show/NCT03929809. Accessed 10 Aug 2020.
Dwyer, N.Y., Firszt, J.B., & Reeder, R.M. (2014). Effects of unilateral input and mode of hearing in the better ear: self-reported performance using the speech, spatial and qualities of hearing scale. *Ear Hear*. **35**: 126–136.
Firszt, J.B., Holden, L.K., Reeder, R.M., Waltzman, S.B., & Arndt, S. (2012). Auditory abilities after cochlear implantation in adults with unilateral deafness: a pilot study. *Otol Neurotol*. **33**: 1339–1346.
Galvin, J.J., Fu, Q.J., Wilkinson, E.P., Mills, D., Hagan, S.C., Lupo, J.E., Padilla, M., & Shannon, R. V. (2019). Benefits of cochlear implantation for single-sided deafness: Data from the House Clinic-University of Southern California-University of California, Los Angeles Clinical Trial. *Ear Hear*. **40**: 766–781.
Gluth, M.B., Eager, K.M., Eikelboom, R.H., & Atlas, M.D. (2010). Long-term benefit perception, complications, and device malfunction rate of bone-anchored hearing aid implantation for profound unilateral sensorineural hearing loss. *Otol Neurotol*. **31**: 1427–1434.
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Grolman, W. (2014). CINGLE-studie: Cochleaire Implantatie bij siNGLE-sided deafness. In: Netherlands Trial Regist. https://www.trialregister.nl/trial/4457. Accessed 10 Aug 2020.
Grossmann, W., Brill, S., Moeltner, A., Mlynski, R., Hagen, R., & Radeloff, A. (2016). Cochlear implantation improves spatial release from masking and restores localization abilities in single-sided deaf patients. *Otol Neurotol*. **37**: 658–664.
Gurgel, R.K., & Shelton, C. (2013). The SoundBite hearing system: patient-assessed safety and benefit study. *Laryngoscope*. **123**: 2807–2812.
Härkönen, K., Kivekas, I., Kotti, V., Sivonen, V., & Vasama, J.-P. (2017). Hybrid cochlear implantation: quality of life, quality of hearing, and working performance compared to patients with conventional unilateral or bilateral cochlear implantation. *Eur Arch Otorhinolaryngol*. **274**: 3599–3604.
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Häußler, S.M., Köpke, V., Knopke, S., Gräbel, S., & Olze, H. (2020). Multifactorial positive influence of cochlear implantation on patients with single-sided deafness. *Laryngoscope*. **130**: 500–506.
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Jacob, R., Stelzig, Y., Nopp, P., & Schleich, P. (2011). [Audiological results with cochlear implants for single-sided deafness]. *HNO*. **59**: 453–460.
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