Cochlear implant placement: round window approach

DOUGLAS D. BACKOUS, M.D.

Swedish Neuroscience Institute, Neurosurgery, Seattle, Washington

The indications for cochlear implantation continue to extend to patients with increased levels of residual hearing. Single-sided deafness and tinnitus are currently under various clinical trials as even further expansion of the application of cochlear implant device and programming technology is underway. This video details a round window and hearing preservation approach for cochlear implant placement, and incorporates the most recent advances in surgical technique.

The video can be found here: http://youtu.be/bDqkbboXrU4.

KEY WORDS • cochlear implantation • round window approach • hearing preservation • video

Manuscript submitted November 22, 2013.
Accepted November 27, 2013.

Please include this information when citing this paper: DOI: 10.3171/2014.V1.FOCUS13537.

Address correspondence to: Douglas D. Backous, M.D., Swedish Neuroscience Institute, Neurosurgery, 550 17th Ave, Seattle, WA 98122. email: douglas.backous@swedish.org.