# Douglas L. Beck Au.D. F-AAA, CCC-A

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# Professional Positions (as of April, 2023):

Vice President of Clinical Sciences Cognivue Inc. Victor NY

Adjunct Clinical Professor of Communication Disorders State University of New York at Buffalo

Senior Editor of Clinical Research www.hearingreview.com

#### **Education:**

B.A. State University of New York at Buffalo, 1982. M.A. State University of New York at Buffalo, 1984. Au.D. University of Florida at Gainesville. 2000

#### **Professional Volunteer Service**

Hearing Education Awareness for Rockers (HEAR) Board of Directors 2003-2007.

Executive Advisory Board National Association Future Doctors of America (NAFDA) 2001-2007

Audiology Awareness Campaign Board of Directors 1999 to 2004

#### President & Founder of Missouri Academy of Audiology (MAA) 1996 & 1997

American Academy of Audiology

Editor-in-Chief (Audiology Today) 2008-2015

Member 1992-2023

1992-2003 Committees served:

**Ethics Subcommittee** 

Continuing Education Sub-Committee

Publications Sub-Committee State Affiliate Committee

1995 to 2023 Peer Reviewer for JAAA

Texas Academy of Audiology

Member 2001-2021

Vice President Board of Directors (2010, 2011)

International Hearing Society (IHS)

Member 2005-2023

IIHIS Education Committee Member (2014-2022)

Lead Author: Best Practices Sub Committee

Senior Editor Hearing Review (2008-2023)

Special Editions Guest Editor of Hearing Review.

Guest Editor, September, 2015 Hearing Review

Guest Editor, September, 2017 Hearing Review

Guest Editor, October, 2018 Hearing Review

Guest Editor, January, 2021 Hearing Review

Guest Editor, January, 2023 Hearing Review

Audiology Practice Standards Organization (APSO) author/participant in "Hearing Aid Fitting Standard for Adult and Geriatric Patients." 2020-2021

# **Employment History:**

House Ear Institute. Los Angeles, California Research Audiologist Cochlear implant processing strategy and outcome investigator Director of Intraoperative Cranial Nerve Monitoring 1984-1987

Loyola University Medical Center (Chicago, Illinois) Intraoperative Monitoring Specialist Department of Anesthesiology 1987-1988

Saint Louis University Medical School (St. Louis, Missouri) Director of Audiology Special Projects Team Leader Assistant Professor of Otolaryngology 1988-1997

HearAmerica Inc. Co-Owner and President (four private practice offices)

Saint Louis, Missouri 1997-2001Audiology Online (www.audiologyonline.com)

Healthy Hearing (<u>www.healthyhearing.com</u>)
SpeechPathology (<u>www.SpeechPathology.com</u>)

Arizona School of Health Sciences (A.T. Still University) Mesa, Arizona.

Adjunct Professor of Audiology, courses taught: Neuroanatomy and Neurophysiology (2001 to 2008)

Intraoperative Monitoring (2002-2004) Auditory Brainstem Response (2005 to 2008)

American Academy of Audiology

Web Content Editor <a href="www.audiology.org">www.audiology.org</a> 2008 to 2015

University of Hawaii, Honolulu.

Adjunct Associate Professor of Audiology 2015 to 2016

Oticon Inc

Director of Professional Relations. Somerset NJ 2005 to 2013

Director of Academic Sciences 2013 to 2016

Executive Director of Academic Sciences 2016-2019

Vice President of Academic Sciences 2019 to (February) 2022

Cognivue Inc

**Vice President of Clinical Sciences** 

Feb 2022 to present

# Presentations (in-person and virtual):

Dr. Beck has presented over 1000 professional presentations since 2005.

# Awards/Honors

R.S. McCrea Medal "In recognition of his outstanding lecture on 'Issues in Pediatrics' June 2010 at the Royal Victoria Hospital, Belfast. Ireland."

http://www.hearingreview.com/news/2011-09-30 04.asp

The British Society of Audiology's "BSA News" awarded Douglas L. Beck (and his co-author) The Jos Millar Shield Award, given to the authors of the best article submitted and published. www.hearingreview.com/issues/articles/2011-08\_13.asp

The British Academy of Audiology awarded The Jos Millar Shield (given each year for the best contribution to a BAA publication) to Dr. Douglas L. Beck, in Manchester, England, November,

2012. http://www.hearingreview.com/all-news/21224-douglas-beck-aud-awarded-british-academy-of-audiology-2012-jos-millar-award

Commencement Speech at The White Coat Ceremony for the graduating audiology doctors at City University of New York. Jun 2016.

Co-Chair of Featured Session titled "Expert Roundtable: Cognition, Audition and Amplification: 2015 at American Academy of Audiology.

Hearing Review Selected as 2016 Magazine Award Finalist for the 2016 Eddie & Ozzie Awards, for the September 2015 issue of The Hearing Review, Guest Edited by Dr. Douglas L. Beck "Expert Roundtable: Cognition, Audition and Amplification: 2015"

# **Publications:**

Intraoperative Facial Nerve Monitoring: Technical Aspects (1990). Otolaryngology – Head and Neck Surgery, 102 (3), 270-272.

Facial Nerve Monitoring in Otologic Surgery –Clinical Indications and Intraoperative Techniques (1990): Ann Otol Rhinol. November, 99(11). 911-8.

Audio-visual Consonant Recognition with the 3M/House Cochlear Implant (1990): Journal of Rehabilitation Research and Development. 27(3):247-54.

Spinal Accessory Nerve Preservation (1991): Laryngoscope. December, 101:1386.

Intraoperative Facial Nerve Monitoring: Prognostic Aspects During Acoustic Tumor Removal (1991): Otolaryngology – Head and Neck Surgery. 104 (6), 780-782.

Recurrent Laryngeal Nerve Monitoring During Thyroid Surgery (1992): In Neuromonitoring in Otology and Head and Neck Surgery, Kartush and Bouchard. Raven Press. Pages 151-162.

Audiology: Beyond the Sound Booth (1993): Seminars In Hearing, Vol 14, No 2, May.

Facial Nerve Electrophysiology: Electroneuronography and Facial Nerve Monitoring (1993): Seminars in Hearing, May, Thieme Medical Publishers, NY and Stuttgart.

Electroneuronography: Electrical Evaluation of the Facial Nerve (1993): Journal of the American Academy of Audiology (JAAA) 4: 1-9-115, Clinical Forum http://64.239.26.35/professional/jaaa/display.php?f=jaaa/4 2/p109.pdf

Auditory Brainstem Response Testing (1993): The Laryngoscope. May;103 (5):579-81.

Vestibular Assessment, Seminars in Hearing (1993): Vol 14, No 2, May, Thieme Medical Publishers

Handbook of Intraoperative Monitoring (1994): Textbook. Editor-in-Chief & Contributing Author. Singular Publishing, San Diego.

Facial Nerve Monitoring (1995). The Laryngoscope. September 105(9): Pages 1017-8.

A Starting Point for CICs (1997): In - The CIC Handbook. Editor: Marshall Chasin. Singular Publishing. ISBN 10 1565938292, San Diego, California.

Idiopathic Bilateral Vestibular Loss (1997): Otolaryngology Head and Neck Surgery. February. 116(2).157-62.

Cochlear Implantation in Sudden Bilateral Sensorineural Hearing Loss (1998): Ear, Nose and Throat Journal. April, 77(4): 300-303.

Hearing Loss in the Elderly (2000): Merck Manual of Geriatrics <a href="http://www.merck.com/mrkshared/mmg/front/contrib.jsp">http://www.merck.com/mrkshared/mmg/front/contrib.jsp</a> 3rd Edition, Pages 1317-1329.

Expensive Hearing Aids: Investing in Technology...and the Audiologist's Time (2001): Audiology Online, March <a href="http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=280">http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=280</a>

Electroneuronography - Neurophysiologic Evaluation of the Facial Nerve (2001): Audiology Online, June. http://www.audiologyonline.com/articles/pf article detail.asp?article id=289

Hearing, Hearing Loss and Hearing Aids: 2003 – Questions and Answers Hearing Office, 2003 <a href="http://www.hearingoffice.com/download/hearing/Hearing Loss and Hearing Aids.pdf">http://www.hearingoffice.com/download/hearing/Hearing Loss and Hearing Aids.pdf</a>

Directional Hearing Aids: Concepts and Overview (2005) Oticon, October.

<a href="http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News-F-rom-Oticon">http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News-F-rom-Oticon</a> / October 2005.htmlctober 2005

Modern Applications of Multi-Channel Non-Linear Amplification (2005): Oticon, November. <a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads\_Oticon/News\_from\_Oticon/NFO\_Nov\_05.pdf">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads\_Oticon/News\_from\_Oticon/NFO\_Nov\_05.pdf</a>

Pediatrics & Advanced Hearing Aid Technology (2005): Oticon, December.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News\_F rom\_Oticon\_/december\_2005.html (also published on www.audiologyonline.com January, 2006)

Meta Controls and Advanced Technology Amplification (2006): Oticon, January.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News From Oticon /january 2006.html (also published on www.audiologyonline.com March, 2006)

Envirograms and Artificial Intelligence (2006): Oticon, February.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News F rom Oticon /Envirograms and Artificial Intelligence.html

Alternative Fitting Approaches for Special Populations (2006): Oticon, March.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News\_F rom Oticon /Alternative Fitting Approaches for Special Populat.html

Pediatric Support: Issues, Tools & Services (2006): Oticon, April.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News F rom Oticon / Pediactric Support Issues Tools Services.html

MultiMedia: Better Tools Facilitate a Better Process (2006):

Hearing Review, May. <a href="http://www.hearingreview.com/issues/articles/2006-05">http://www.hearingreview.com/issues/articles/2006-05</a> 15.asp

Noise Reduction in Advanced Technology Hearing Aids (2006): Oticon, May.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News F rom Oticon /Noise Reduction in Advanced Technology Hearing Aid.html

FM Made Friendly (2006): Oticon, June.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News From Oticon /FM Made Friendly.html

FM Made Friendly (2006) co-published on Audiology Online, August.

http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=1688

Amplification and Medically Complex Hearing Loss (2006): Oticon, July.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News F rom Oticon /Amplification and Medically Complex Hearing Loss.html

Amplification for People with Severe and Profound Hearing Loss: Oticon (2006): August.

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News F rom\_Oticon\_/Amplification\_for\_People\_with\_Severe\_and\_Profound\_.html

Open Ear Hearing Aid Fittings: Oticon, September, 2006

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News From Oticon /Open Ear Hearing Aid Fittings.html

T-Coils: Beyond the Telephone: Oticon, October, 2006

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News\_F\_rom\_Oticon\_/T\_Coils\_\_\_\_\_\_Beyond\_the\_Telephone.html (also published on <a href="https://www.audiologyonline.com">www.audiologyonline.com</a> October, 2006)

Helping Blind People to See: Oticon Clinical Update, July, 2006
<a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads</a> Oticon/Oticon Clinical Updates/Helping Blind People OCU1.pdf

Identifying the Time for Improved Hearing: Oticon Clinical Update, 2007 <a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads</a> Oticon/GSRC/Updated OCU 2.pdf

Motivational Interviewing: Oticon Clinical Update, 2007
<a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads</a> Oticon/GSRC/Updated OCU 2.pdf

Desired Sensation Level: Building on a Foundation of Success: Oticon Clinical Update, 2007 <a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads</a> Oticon/GSRC/Updated OCU 2.pdf

Hair Cells: Review, Regeneration and Protection: Oticon Clinical Update, 2007 <a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads\_Oticon/GSRC/Updated\_OCU\_2.pdf">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads\_Oticon/GSRC/Updated\_OCU\_2.pdf</a>

Visible Speech: A Patient-Centered Clinical Tool: Hearing Review, January, 2007 <a href="http://www.hearingreview.com/issues/articles/2007-01">http://www.hearingreview.com/issues/articles/2007-01</a> 03.asp

(Central) Auditory Processing Disorders: Overview and amplification issues May 2007, The Hearing Journal, Vol 60, No 5

http://www.oticonusa.com/eprise/main/SiteGen/Oticon/Content/Professionals/Library/News\_From Oticon /Central Auditory Processing Disorders.html

Pediatric Hearing Aid Fittings and DSL 5.0 The Hearing Journal, June, 2007, Vol 60, No 6 http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=1823

Motivational Interviewing and Amplification Hearing Review, October, 2007 <a href="http://www.hearingreview.com/issues/articles/2007-10">http://www.hearingreview.com/issues/articles/2007-10</a> 01.asp

Auditory Steady State Response (ASSR): A Beginner's Guide Hearing Review, November, 2007 (also published as the lead article in the HR 2008 International Edition) <a href="http://www.hearingreview.com/issues/articles/2007-11\_03.asp">http://www.hearingreview.com/issues/articles/2007-11\_03.asp</a>

Negative Synergy: Hearing Loss and Aging Audiology Online, June, 2008 <a href="http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=2045">http://www.audiologyonline.com/articles/article\_detail.asp?article\_id=2045</a>

Science Beyond Sound (Entanglement) American Academy of Audiology, September, 2008 http://www.audiology.org/news/editorial/Pages/20080905a.aspx

Audiology, Scrubs, and Germaphobia: A Reminder American Academy of Audiology, September, 2008 <a href="http://www.audiology.org/news/editorial/Pages/20080929a.aspx">http://www.audiology.org/news/editorial/Pages/20080929a.aspx</a>

Extended Bandwidths in Hearing Aids Hearing Review, October, 2008 <a href="http://www.hearingreview.com/issues/articles/2008-10\_02.asp">http://www.hearingreview.com/issues/articles/2008-10\_02.asp</a>

Create Your Own Professional Web Site: 3 Steps, 3 Hours, 30 Bucks American Academy of Audiology, October, 2008 <a href="http://www.audiology.org/news/editorial/Pages/20081003b.aspx">http://www.audiology.org/news/editorial/Pages/20081003b.aspx</a>

Spatial Hearing and Understanding Speech in Complex Environments
Hearing Review, November, 2008 <a href="http://www.hearingreview.com/issues/articles/2008-11-03.asp">http://www.hearingreview.com/issues/articles/2008-11-03.asp</a>

On Words, Abbreviations and Consciousness American Academy of Audiology, November, 2008 <a href="http://www.audiology.org/news/editorial/Pages/20081103a.aspx">http://www.audiology.org/news/editorial/Pages/20081103a.aspx</a>

Absolute Pitch, Perfect Pitch, Relative Pitch, and other Musical Notes American Academy of Audiology, November, 2008 <a href="http://www.audiology.org/news/editorial/Pages/20081117a.aspx">http://www.audiology.org/news/editorial/Pages/20081117a.aspx</a>

Professional Reminders: Interacting with People and Patients American Academy of Audiology, December, 2008 http://www.audiology.org/news/editorial/Pages/20081210a.aspx

Auditory Reflections: Mirror Neurons. American Academy of Audiology, December, 2008 http://www.audiology.org/news/editorial/Pages/20081215a.aspx

Consciousness Undefined. American Academy of Audiology, December, 2008 <a href="http://www.audiology.org/news/editorial/Pages/20081216a.aspx">http://www.audiology.org/news/editorial/Pages/20081216a.aspx</a>

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Delivering Bad News, in Oticon Pediatric Proceedings, January, 2009
<a href="http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/eprise/main/SiteGen/Uploads/Public/Downloads</a> Oticon/Pediatric

Proceedings/Breaking Bad News.pdf

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Audition Matters More as Cognition Declines: Cognition Matters More as Audition Declines. Audiology Today. March/April 2009. Pages 48-59.

Sound Quality Considerations of Hearing Instruments.

Hearing Review, March, 2009. <a href="http://www.hearingreview.com/issues/articles/2009-03">http://www.hearingreview.com/issues/articles/2009-03</a> 03asp

Synesthesia: The Sounds of Colors, Tastes, and Smells American Academy of Audiology, March, 2009 http://www.audiology.org/news/editorial/Pages/20090305a.aspx

Improving Professional Patient Interactions
British Academy of Audiology Magazine. April, 2009

Tympanometry and Acoustic Reflex: Innovation, Review and Application
Hearing Review, April, 2009 <a href="http://www.hearingreview.com/issues/articles/2009-04">http://www.hearingreview.com/issues/articles/2009-04</a> 03.asp

Princess Maggie and the Magic Ears. Hearing Journal, May, 2009 Vol 62, No 5, Page 41

Spatial Hearing -- Concepts and Findings Oticon Clinical Update, July, 2009

<a href="http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads</a> Oticon/Oticon Clinical Update

<a href="mailto:s/Oticon\_Clinical\_Update2009.pdf">s/Oticon\_Clinical\_Update2009.pdf</a>

Extended High Frequency Amplification -- Implications, Impact and Possibilities Oticon Clinical Update, July, 2009

http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads\_Oticon/Oticon\_Clinical\_Update s/Oticon Clinical\_Update2009.pdf

Connectivity -- Amending the Human Experience Oticon Clinical Update, July, 2009 <a href="http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads\_Oticon/Oticon\_Clinical\_Updates/Oticon\_Clinical\_Update2009.pdf">http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads\_Oticon/Oticon\_Clinical\_Updates/Oticon\_Clinical\_Update2009.pdf</a>

Telephones and Hearing Aids: 2009 Oticon Clinical Update, July, 2009 <a href="http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads">http://www.oticonusa.com/SiteGen/Uploads/Public/Downloads</a> Oticon/Oticon Clinical Update <a href="https://www.oticonusa.com/SiteGen/Uploads/Public/Downloads">https://www.oticonusa.com/SiteGen/Uploads/Public/Downloads</a> Oticon Clinical Update <a href="https://www.oticonusa.com/SiteGen/Uploads/Public/Downloads">https://www.oticonusa.com/SiteGen/Uploads/Public/Downloads</a> Oticon Clinical Update <a href="https://www.oticonusa.com/SiteGen/Uploads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/Downloads/Public/D

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Creating Successful Professional-Patient Relationships (2009): Audiology Today, September/October, pages 36-47. <a href="https://idainstitute.com/fileadmin/user\_upload/Patient-Relationships-Beck Harvey.pdf">https://idainstitute.com/fileadmin/user\_upload/Patient-Relationships-Beck Harvey.pdf</a>

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Plugged In Is Inspired By Life (2009): In "Hearing and Children" of The Hearing Journal November, Volume 62, Number 11.

http://www.audiologyonline.com/theHearingJournal/pdfs/HJ2009 11 p49.pdf

Facilitating a Smooth Transfer from ABR to Hearing Aid Fittings (2009): The Hearing Journal. December, Volume 62, Number 12.

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Shifting Paradigms: Bone Anchored Hearing Systems (2010):

The Hearing Review. January, Pages 22 to 26. http://www.hearingreview.com/issues/articles/2010-01 03.asp

The Ponto (Bone Anchored Hearing) System – Clinical Review from Oticon Medical (2010): Monograph. March, <a href="https://www.oticonmedical.com">www.oticonmedical.com</a>

Facilitating Spatial Hearing Through Advanced Hearing Aid Technology (2010): Hearing Review. April, Pages 44-47 <a href="http://www.hearingreview.com/issues/articles/2010-04">http://www.hearingreview.com/issues/articles/2010-04</a> 03.asp

MarkeTrak VIII: The Impact of the Hearing Healthcare Professional on Hearing Aid User Success: Correlations Between Dispensing Protocols and Successful Patient Outcomes (2010): Hearing Review, April, http://www.hearingreview.com/issues/articles/2010-04 01.asp

Influence and Professional Relationships (2010):
ENT & Audiology News. May. Published by the American Academy of Audiology

FireWire Opens New Opportunities for Video-Nystagmography Efficacy and Analysis. Hearing Review, May. http://www.hearingreview.com/issues/articles/2010-05 03.asp

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Spatial Hearing and Advanced Technology (2010): Oticon Clinical Update. Spring, Pages 3-5.

The Importance of Extended Bandwidths (2010): Oticon Clinical Update, Spring, Pages 19-23.

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Can Advanced Signal Processing Facilitate Spatial Hearing? (2010): British Society of Audiology. Volume 61, December.

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Letter to the Editor - Comment on "Listening Is Where Hearing Meets the Brain...in Children and Adults" <a href="http://www.hearingreview.com/issues/articles/2011-04">http://www.hearingreview.com/issues/articles/2011-04</a> 09.asp

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What? I Didn't Know That! In the British Academy of Audiology Magazine. January, 2012.

Musicians, Hearing Healthcare Professionals and Neuroscientists. Hearing Review, February, 2012. <a href="http://www.hearingreview.com/issues/articles/2012-02\_01.asp">http://www.hearingreview.com/issues/articles/2012-02\_01.asp</a>

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Screening Tests for Patients with Dizziness (2012). Hearing Review, Volume 19, No 4, April, Pages 12 to 23. <a href="http://www.hearingreview.com/issues/articles/2012-04">http://www.hearingreview.com/issues/articles/2012-04</a> 01.asp

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