



CAOHC / NHCA Webinar

Thursday, September 16, 2010



8:00 a.m. PST / 9:00 a.m. MST / 10:00 a.m. CST / 11:00 a.m. EST

“Pharmacologic Protection from Noise Induced Hearing Loss (NIHL): Current Status”

Schedule of Events: (8:00 a.m. PST / 9:00 a.m. MST / 10:00 a.m. CST / 11:00 a.m. EST)

Welcome & Introductions - 15 minutes

Presentation: 60 minutes

Questions & Answers - 20 minutes

*****Once registered you will receive an email confirmation with instructions to access the webinar*****

Presenter & Biography:

Dr. Kathleen Campbell, Ph.D., Southern Illinois University School of Medicine

Kathleen Campbell, Ph.D., Professor and Director of Audiology Research at SIU School of Medicine served on the AAA Board of Directors, received an AAA Presidential Citation, a Medical Innovators Award and is an ASHA fellow. She authored Essential Audiology for Physicians and edited/authored Pharmacology and Ototoxicity for Audiologists. She has received a number of grants from NIH and other agencies for her research in otoprotective agents and is the inventor of the protective agent D-methionine patents.



“Pharmacologic Protection from Noise Induced Hearing Loss (NIHL): Current Status”

Even with optimal utilization of physical hearing protectors, many industrial and military personnel experience permanent NIHL. Consequently a pharmacologic agent that reduce or prevent NIHL could markedly improve outcomes for these personnel. Additionally some people have recreational noise exposures that can cause permanent NIHL and no agency oversees their noise exposures. Although no agent is yet approved by the Food and Drug Administration (FDA) for this purpose, a number of agents are being investigated with promising results. Some of these agents have only been tested in animal studies while others are in or approaching clinical trials.

The focus of most research has been on preventing permanent NIHL with prophylactic administration of the otoprotective agent. However some agents also show promise in preventing temporary threshold shift (TTS). Other otoprotective agents, usually referred to as “rescue agents” can be administered for the first time after an excessive noise exposure, and after TTS has occurred and still prevent permanent NIHL. These agents could be very useful for unexpected noise exposures, such as on the battlefield, secondary to car air-bag deployments, or an unexpectedly loud concert, particularly when a protective agent may not be immediately available.

This presentation will review the current state of the research in otoprotective and rescue agents for NIHL. It will also discuss the development and regulatory processes involved in taking these pharmacologic agents through the bench to bedside process including regulatory and intellectual property issues.

Specific Learning Objectives:

- 1) The participant will be able to describe the difference between prophylactic and rescue pharmacologic otoprotective agents.
- 2) The participant will be able to describe some of the practical considerations in developing pharmacologic otoprotective agents for human use.
- 3) The participant will be able to describe the current state of development in taking otoprotective agents from bench to bedside.

Disclosures and acknowledgements:

Dr. Campbell’s research is supported through grants from NIH/NIDCD, Southern Illinois University and the Illinois Excellence in Academic Medicine program.

Dr. Campbell is the sole inventor on the patents for D-methionine as an otoprotective agent. These patents are owned by her employer, Southern Illinois University School of Medicine. However she also collaborates with other investigators on other otoprotective agents.



CAOHC / NHCA Webinar Registration Form



Registration Fee Information	Member Rate: (CAOHC/NHCA)	Non-Member Rate:
Webinar Recording ONLY	\$75.00	\$100.00
Student Rate	\$50.00	\$50.00
Individual (See details below)	\$150.00	\$250.00
Individual registration is a license for up to ONE internet login allowing one location. CAOHC/NHCA will provide the registrant with specific information for accessing the webinar; this information must be treated as proprietary and must ONLY be used by the registrant and not forwarded to anyone else. If a registrant's circumstances prevent them from attending, a link will be provided for viewing the archived version. Multiple viewers are allowed to sit in on the session at the main location. CEUs will only be available to the paid registrant.		
Group (See details below)	\$300.00	\$400.00
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CEU Information: Following the webinar there will be an evaluation distributed to the contacts indicated below which will include a link to the learning assessment questions. Individual Registration - CEUs will only be available to the paid registrant. Group Registration - CEUs will only be available to the three paid registrants.

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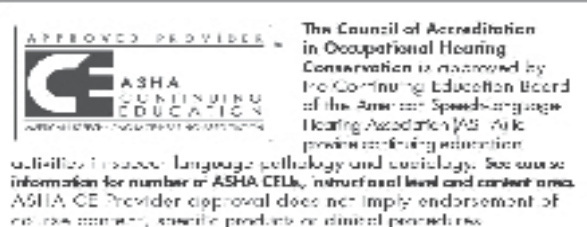
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