



Defense Health Agency J-7 Continuing Education Program Office

CAVRN: Speech in Noise as an Effective Outcome Measure

Internet Live Course, July 27, 2026

Continuing Education (CE)/Continuing Medical Education (CME) Information

This CE/CME activity is accredited by the DHA J-7 Continuing Education Program Office (CEPO). This activity provides continuing education for physicians, nurses, physician associates/physician assistants, audiologists across the Military Health System (MHS). A certificate of attendance is available for other attendees.

CAVRN: Speech in Noise as an Effective Outcome Measure (2.50 clock hours) 1100-1430 (ET)

Learning Objectives:

1. Characterize the importance of speech as a critical audio signal in the military
2. Identify factors that impact Speech-in-Noise Performance
3. Describe possible differences between speech-in-noise tests and how their results may compare to each other and to subjective hearing complaint scores and audiometric thresholds
4. Identify performance distributions of auditory and cognitive assessments in service members.
5. Describe the relationships between auditory and cognitive abilities.
6. Describe the relationships between hearing aid benefit and auditory and cognitive abilities.
7. Differentiate the perceptual and physiological deficits that persist in middle-aged adults despite a normal audiogram.
8. Analyze how pupil-indexed listening effort and envelope following responses relate to speech-in-noise performance.
9. Compare cross-species evidence implicating cochlear synaptopathy in age-related listening difficulties.
10. List the 2 domains identified by the committee
11. Describe the objective and subjective measures selected by the committee to assess understanding speech in complex listening situations
12. Describe the subjective measure selected by the committee to assess hearing related psychosocial health
13. Compare and contrast reliability, minimal detectable difference, and minimal clinically important difference.

Faculty:

Douglas Brungart, DS, Ph.D. Presenter has no relevant financial or non-financial relationship(s) relating to the course content or with ineligible companies to disclose. Portions of this activity were developed with assistance from Google Nano Banana 2.0 accessed through the AskSage interface in June, 2026 for image and chart generation. All AI-assisted outputs were reviewed and verified by Dr. Brungart for accuracy, balance, and independence prior to release. Prompts/outputs were not stored outside the organization.

Alyssa Davidson, Ph.D., AuD, CCC-A. Presenter has no relevant financial or non-financial relationship(s) relating to the course content or with ineligible companies to disclose. Portions of Dr. Davidson's presentation were developed with assistance from Gemini 3.5 Flash on April 17, 2026 for generating photos related to the content. All AI-assisted outputs were reviewed and verified by Alyssa Davidson, Presenter for accuracy, balance, and independence prior to release. Prompts/outputs were stored outside the organization.

Tess K. Koerner, Ph.D., AuD. Presenter has no relevant financial or non-financial relationship(s) relating to the course content or with ineligible companies to disclose.

Aravindakshan Parthasarathy, M.Sc., Ph.D. Presenter has no relevant financial or non-financial relationship(s) relating to the course content or with ineligible companies to disclose.

Catherine V. Palmer, Ph.D. Presenter has no relevant financial or non-financial relationship(s) relating to the course content or with ineligible companies to disclose.

Disclosures:

DHA J-7 staff, planners, authors, faculty, and content reviewers for this educational activity have no relevant financial or non-financial relationship(s) with ineligible companies to disclose.

Interprofessional Continuing Education (IPCE)



In support of improving patient care, DHA J-7 CEPO is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. This activity was planned by and for the healthcare team, and learners will receive 2.50 Interprofessional Continuing Education (IPCE) credit for learning and change.

International Accreditors for Continuing Education and Training (IACET)



DHA J-7 CEPO is Jointly Accredited by the Joint Accreditation for Interprofessional Continuing Education and has been approved to offer Continuing Education Units (CEUs). CEUs are awarded for learning events that align with the ANSI/IACET Standard for Continuing Education and Training. IACET is recognized internationally as a standards development organization and accrediting body that promotes quality continuing education and training. This learning event is eligible for 0.25 Continuing Education Units (CEUs).

Physicians (ACCME)



DHA J-7 CEPO is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. DHA J-7 CEPO designated this internet live course for a maximum of 2.50 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses (ANCC)

DHA J-7 CEPO is accredited by the Joint Accreditation/Interprofessional Continuing Education (IPCE) to provide this Continuing Nursing Education internet live course for a maximum of 2.50 ANCC contact hours. Nurses should only claim credit commensurate with the extent of their participation in the activity.

Physician Associates/Physician Assistants (AAPA) – Live



DHA J-7 CEPO has been authorized by the American Academy of Physician Associates (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 2.50 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

ACCME Non-Physician CME Credit

DHA J-7 CEPO is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education. ACCME Non-Physician CME Credit providers will be provided a certificate of participation for educational activities certified for *AMA PRA Category 1 Credit™*. ACCME Non-Physician CME Credit providers may receive a maximum of 2.50 hours for completing this internet live course.

Speech-Language Pathologists and Audiologists (ASHA)

Course # is ABIT2606



ASHA CE
APPROVED PROVIDER

Defense Health Agency, J-7,
Continuing Education Program
Office

Introductory Level
0.25 ASHA CEUs

DHA J-7 CEPO is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology, and audiology. ASHA CE Provider approval and use of the Brand Block does not imply endorsement of course content, specific products or clinical procedures.

Other Professionals

All other healthcare professionals completing this CE/CME activity will be issued a Certificate of Attendance indicating participation and the number of hours of CE/CME credit. This may be used for submission to licensing boards for satisfaction of CE/CME requirements.

Commercial Support:

No commercial support was provided for this activity.

Participation Costs:

There is no cost to participate in this activity.

CE/CME Inquiries:

For all CE/CME related inquiries, please contact: dha.ncr.j7.mbx.continuing-education-office@health.mil.

How to Obtain CE/CME Credit:

To receive CE/CME credit, you must complete the program posttest(s) and evaluation(s) before collecting your certificate(s). The posttests and evaluations will be available through 10 August 2026 at 2359 ET at the following URL: www.dhaj7-cepo.com.