

(Central) Auditory Processing Disorder: Neurobiology, Diagnosis, and Treatment

Gail D. Chermak, PhD

In the five decades since (central) auditory processing disorder ([C]APD) was first recognized, research has led to a number of advances fundamental to understanding, diagnosing, and treating this disorder of the central auditory nervous system. The neurobiology of (C)APD and its clinical presentation, principles and tests useful for differential diagnosis, and multidisciplinary assessment and treatment approaches will be covered in this one-day session.

Learning Outcomes:

Upon completion of this course, participants will be able to:

- Identify the primary neurophysiologic deficits underlying this disorder.
- Outline an appropriate audiologic test battery to examine the central auditory nervous system.
- Explain the role of multidisciplinary assessment in planning and implementing intervention.
- Outline the multidisciplinary intervention strategies for individuals with (C)APD and frequently associated language and cognitive-communicative deficits.

Gail D. Chermak, PhD, is an internationally recognized authority on (central) auditory processing disorder ([C]APD). She has published extensively and lectured around the world on differential diagnosis and treatment of (C)APD. Her two-volume Handbook of (Central) Auditory Processing Disorder, edited with Frank Musiek and published in 2007, is considered the definitive text on (C)APD. Dr. Chermak is professor of audiology and chair of the Department of Speech and Hearing Sciences at Washington State University. She is the recipient of numerous honors and awards, including the American Academy of Audiology's (AAA) Distinguished Achievement Award. She is a Fellow of the American Speech-Language-Hearing Association (ASHA) and she is included in several major American and international biographical listings. She has chaired and served on a number of national professional committees and task forces, including the 2010 AAA task force which recently drafted clinical practice guidelines for (C)APD. She is an assistant editor for the Journal of the American Academy of Audiology and she serves as editorial consultant for several other professional and scientific journals.