

Survey Results

Section 1: Pre-Testing

Q1. Prior to conducting (C)APD testing, do you obtain or require basic audiometric evaluation results?

	%	n
Yes	98.5	192
No	1.5	3
<i>Total number of respondents=195</i>		

Q2. If yes, what testing do you conduct or require? Please check all that apply.

	%	n
Pure Tone Evaluation	100	192
Tympanometry	96.9	186
Speech Recognition Thresholds	91.7	176
Word Recognition Scores (In Quiet)	90.1	173
Acoustic Reflex Thresholds	69.3	133
Otoacoustic Emissions	57.8	111
Word Recognition Scores (In Noise)	53.6	103
Acoustic Reflex Decay	14.1	27
Performance Intensity Testing	2.1	4
Otoscopy	0.5	1
Other	3.6	7
<i>Total number of respondents=192</i>		

Q3a. Prior to conducting a (C)APD evaluation, do you provide questionnaires to the patient?

	%	n
Yes	29.4	50
No	70.6	120
<i>Total number of respondents=170</i>		

Q3b. Prior to conducting a (C)APD evaluation, do you provide questionnaires to the parent?

	%	n
Yes	75.1	145
No	24.9	48
<i>Total number of respondents=193</i>		

Q3c. Prior to conducting a (C)APD evaluation, do you provide questionnaires to the teacher?

	%	n
Yes	65.3	124
No	34.7	66
<i>Total number of respondents=190</i>		

Q4. Which questionnaires do you utilize? Please check all that apply.

	%	n
Fisher's Auditory Problems Checklist	62.5	100
Children's Auditory Performance Scale	51.3	82
Screening Instrument for Targeting Educational Risk	38.8	62
Pre-School Screening Instrument for Targeting Educational Risk	16.9	27
Listening Inventory for Education	15.0	24
Children's Home Inventory for Listening Difficulties	5.0	8
Behavior Rating Inventory for Executive Function	0.6	1
Other	30.6	49
<i>Total number of respondents=160</i>		

Q5. What other evaluations from other disciplines do you prefer or require prior to diagnosis? Please check all that apply.

	Prefer		Require		n
	%	n	%	n	
Psychology	63.7	107	36.3	61	168
Educational	62.6	102	37.4	61	163
Speech-Language Pathology	46.0	81	54.0	95	176
Otolaryngology	88.0	44	12.0	6	50
Neurology	93.4	57	6.6	4	61
Other	Prefer vs. Require Not Specified				21

Q6. Do you conduct a case history prior to testing?

	%	n
Yes	94.8	183
No	5.2	10
<i>Total number of respondents=193</i>		

Q7. If yes, what type of case history form do you use?

	%	n
Formal Site-Specific Case	60.1	110

History		
Informal Discussion Case	58.5	107
History		
Formal Published Case	4.9	9
History		
Educational Team	2.2	4
(No case history conducted)		
Individualized Education	1.6	3
Plan		
(No case history conducted)		
Original Referral Source	1.6	3
(No case history conducted)		
<i>Total number of respondents=183</i>		

Section 2: Screening

Q8. Do you screen for (C)APD?

	%	n
Yes	52.1	100
No	47.9	92
<i>Total number of respondents=192</i>		

Q9. If yes, what screening methods do you use?

	%	n
SCAN A/C	69.0	69
Checklists/Questionnaires	56.0	56
Classroom Observation	33.0	33
Dichotic Digits Test	11.0	11
Random Gap Detection	5.0	5
Test		
Other (please specify)	25.0	25
<i>Total number of respondents=100</i>		

Q9. Other(please specify) responses.

	%	n
Speech In Noise Testing	36.0	9
Evaluation by Speech-	12.0	3
Language Pathologist		
Auditory Continuous	4.0	1
Performance Test		
Staggered Spondaic Words	4.0	1
Test		
Phonemic Synthesis Test	4.0	1
Parent Interview	4.0	1
Informal Screening	4.0	1
<i>Total number of respondents=25</i>		

Section 3: Test Battery

Q10. When conducting a (C)APD evaluation, do you use a test battery?

	%	n
Yes	96.8	181
No	3.2	6
<i>Total number of respondents=187</i>		

Q11. If you use a test battery, how often is your battery a:

	Always		Often		Sometimes		Never		Total n
	%	n	%	n	%	n	%	n	
Pre-set (C)APD battery for <i>all</i> patients regardless of age or case history.	17.4	23	21.2	28	13.6	18	47.7	63	132
Pre-set (C)APD <i>battery for each specific age</i> range (e.g., all 10-year old children) regardless of case history.	9.5	11	19.0	22	25.0	29	46.6	54	116
A set minimum battery for all patients with additions based on <i>individual case history and age.</i>	52.9	82	27.1	42	11.6	18	8.4	13	155
A set minimum battery for all patients with additions based <i>just on individual case history.</i>	12.7	14	21.8	24	28.2	31	37.3	41	110
Battery <i>completely based on case history</i> considerations.	9.6	11	14.0	16	21.1	24	55.3	63	114

Q12. If you use a pre-set, or pre-determined battery for some or all of your patients, how did you select this test battery?

	%	n
Clinical Experience	56.5	95
Review of Literature	44.6	75
ASHA Technical Reports from 1996 & 2005	40.0	67
Attendance at a Seminar or Workshop	36.3	61
Clinical Site	31.0	52
Bruton Conference	25.6	43

Documents of 2000		
Buffalo Model	4.8	8
State Technical Assistance	0.6	1
Papers		
Information from a	0.6	1
Working Group which		
evaluates (C)APD		
Consultation with other	0.6	1
Audiologists		
Education	0.6	1
Recommendations from	0.6	1
Professional Mentor		
<i>Total number of respondents=168</i>		

Q13. When conducting a (C)APD evaluation, on average, how many tests do you utilize?

	%	n
1-3 Tests	14.5	27
4-6 Tests	58.1	108
6-9 Tests	27.9	52
10 or More	4.8	9
<i>Total number of respondents=186</i>		

Section 4: Specific Tests

Q14. When conducting (C)APD testing, which of the following tests do you include in your protocol?

See Table 2 for results summary

Q15. Is your ability to diagnose (C)APD limited by:

	%	n
Time	10.3	7
Test Availability	8.8	6
Lack of Available Normative Data	1.5	1
Funding for Equipment	1.5	1
Lack of Staff	1.5	1
Limitations by School Regulations	41.2	28
Reimbursement	36.8	25
Limited by State Law	7.4	5
Other	32.4	22
<i>Total number of respondents=68</i>		

Section 5: Management

Q16. If you diagnose (C)APD how often do you use the following:

	Always		Often		Sometimes		Never		Total n
	%	n	%	n	%	n	%	n	
A published list of management recommendations.	10.0	13	26.2	34	21.5	28	42.3	55	130
A pre-printed list of management recommendations generated by clinical site.	19.7	27	23.4	32	19.7	27	37.2	51	137
A pre-printed list of management recommendations based on diagnostic profile or category (i.e., temporal integration deficits)	19.5	29	37.6	56	14.8	22	28.2	42	149
A customized list of management recommendations based on findings of diagnostic tests (not using a profile diagnosis system).	50.9	84	24.2	40	14.5	24	10.3	17	165

Q17. In your opinion, who is qualified to make a diagnosis of (C)APD?

	%	n
Audiologist	96.8	184
Speech-Language Pathologist	15.8	30
Psychologist	6.8	13
Educators	4.7	9
Otolaryngologists	2.6	5
Other	7.9	15
<i>Total number of respondents=190</i>		

Q18. If a patient is diagnosed with (C)APD, in your opinion, whose responsibility is it to recommend a treatment plan/management strategies?

	%	n
Audiologist	80.9	152
Speech-Language Pathologist	40.4	76
Multidisciplinary Education Team	36.2	68
Education Professional	13.8	26
Primary Classroom Teachers	7.4	14
<i>Total number of respondents=188</i>		

Q19. If a patient is diagnosed with (C)APD, in your opinion, whose responsibility is it to provide a treatment plan/management strategies?

	%	n
Audiologist	39.5	73
Speech-Language Pathologist	73.5	136
Multidisciplinary Education Team	38.9	72
Education Professional	52.4	97
Primary Classroom Teachers	40.0	74
<i>Total number of respondents=185</i>		

Q20a. If you provide recommendations for treatment for (C)APD, which of the following do you recommend? (Check all that apply). Environmental Modifications response column.

	%	n
Preferential Seating	94.7	177
Gain Student's Attention Prior to Speaking	91.4	171
Repeating or Rephrasing Information	88.8	166
Personal FM Systems	85.0	159
Pre-Teaching New Concepts or Vocabulary	83.4	156
Sound Field FM Systems	71.7	134
Modifying Classroom Activities	71.7	134
Use of a Note-Taker	69.5	130
Other (please specify)	21.9	41
<i>Total number of respondents=187</i>		

Q20a. Other (please specify) comments.

	%	n
Individual Basis of Test Performance, Classroom Observation, and Age	46.3	19
Acoustic Modifications of Student's Classroom	26.8	11
Visual Aids	7.3	3
Written Instructions	7.3	3
Checking Comprehension	4.9	2
Tutoring	4.9	2
Text on Tape	2.4	1
Extra Time	2.4	1
Changing Teaching Style	2.4	1
Chunking	2.4	1
<i>Total number of respondents who selected "other" for Q20a =41</i>		

Q20b. If you provide recommendations for treatment for (C)APD, which of the following do you recommend? (Check all that apply). Remediation Strategies response column.

	%	n
Auditory Closure Activities	70.1	122
Earobics	70.1	122
Phoneme Training	59.8	104
Temporal Training	50.6	88
Fast ForWord	44.3	77
Prosody Training	43.7	76
Lindamood-Bell Training Materials	37.4	65
Dichotic Interaural Intensity Difference Training	17.8	31
Other (please specify)	20.7	36
<i>Total number of respondents=174</i>		

Q20b. Other (please specify) comments.

	%	n
Individualized Strategies based on Test Results and Diagnostic Profile	22.2	8
Speech in Noise Training	13.9	5
Memory Building Activities	11.1	4
Auditory Sequence Conceptualization	8.3	3
Auditory Attention and Organization Activities	8.3	3
Interhemispheric Transfer Exercises	8.3	3
Metronome Training	5.6	2
Music and Coordination Activities	2.8	1
Compass Activities by Lucker	2.8	1
Noise Desensitization	2.8	1
<i>Total number of respondents who selected "other" for Q20b=36</i>		

Q20c. If you provide recommendations for treatment for (C)APD, which of the following do you recommend? (Check all that apply). Compensatory Strategies response column.

	%	n
Active Listening Skills Training	82.4	131
Metamemory Skills	73.0	116
Context Derived Vocabulary Building	51.6	82

Assertiveness Training	46.5	74
Discourse Cohesion	39.0	62
Devices		
Cognitive Behavior	34.0	54
Modification		
Schema Induction	23.3	37
Other (please specify)	9.4	15
<i>Total number of respondents=159</i>		

Q20c. Other (please specify) comments		
	%	n
Individualized Strategies based on Test Results and Diagnostic Profile	46.7	7
Recommendations based on Consultation with Educational Team or Speech Pathologist	13.3	2
Organizational Calendars	13.3	2
<i>Total number of respondents who selected "other" for Q20c=15</i>		

Q21. Is your ability to provide treatment recommendations for (C)APD limited by:		
	%	n
School District Policy or Procedures	45.5	46
Lack of Training	45.5	46
Individual School Policy or Procedures	25.7	26
Reimbursement	18.8	19
State Law	13.9	14
Other (please specify)	17.8	18
<i>Total number of respondents=129; however, 28 respondents selected "other" and then wrote in "not limited in ability to provide treatment recommendations." (N/A was not an option for this question). Those respondents were omitted from the sample. Percentages were calculated based on the remaining 101 respondents.</i>		

Q21. Other(please specify) comments:		
	%	n
Time	27.8 (5.0)	5
Lack of Staff	11.1 (2.0)	2
Lack of Materials	5.6 (1.0)	1
Space	5.6 (1.0)	1
Lack of Support from other Professionals	5.6 (1.0)	1
Efficacy of Strategies	5.6 (1.0)	1
<i>Total number of respondents who selected "other" =18. Percentage</i>		

based on n=18 with n=101 in parentheses. Note that not all respondents who selected "other" provided a comment.

Q22. Is your ability to provide **direct treatment** for (C)APD limited by:

	%	n
Reimbursement	40.3	56
Lack of Training	32.4	45
School District Policy or Procedures	30.2	42
Individual School Policy or Procedures	12.2	17
State Law	9.4	13
Other (please specify)	8.6	12

Total number of respondents=151; however, 12 respondents selected "other" and then wrote in "not limited in ability to provide direct treatment." (N/A was not an option for this question). Those respondents were omitted from the sample. Percentages were calculated based on the remaining 139.

Q22. Other(please specify) comments.

	%	n
Time Constraints	66.7 (21.6)	30
Feel Other Professionals are Responsible for Providing Direct Treatment	24.4 (7.9)	11
Lack of Staff	6.7 (2.2)	3
Lack of State Funding	2.2 (0.7)	1
Lack of Resources	2.2 (0.7)	1

Total number of respondents who selected "other"=45. Percentage based on n=45 with n=139 in parentheses.

Section 6: Demographic Information

Q23. What is your gender?

	%	n
Female	86.5	160
Male	13.5	25

Total number of respondents=185

Q24. What is the highest degree you currently hold?

	%	n
Master's Degree	48.6	90
Doctoral Degree	51.4	95

Total number of respondents=185

Q25. In what setting do you currently practice?

	%	n
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School System	36.4	71
Private Practice	15.9	31
Hospital	15.4	30
University Clinic	13.8	27
ENT	8.2	16
Community Clinic	4.1	8
Government Facility	1.5	3
Cochlear Implant Center	1.0	2
Non-Profit Clinic	1.0	2
Hearing Aid Industry	0.5	1
Veteran's Facility	0.5	1
Rehabilitation Facility	0.5	1
University Research	0.5	1
Outpatient Clinic	0.5	1
<i>Total number of respondents=195</i>		

Q26. What age groups do you test for (C)APD? (check all that apply)

	%	n
Age 3-6	30.3	56
Age 7-10	98.4	182
Age 11-14	95.7	177
Age 14-17	91.9	170
Age 18+	63.2	117
<i>Total number of respondents=185</i>		