

Disclosures

- Gloria Maccow, Ph.D. is employed by Pearson Clinical Assessment, publisher of the GFTA-3 and KLPA-3.
- This presentation will focus on administration, scoring, and interpretation of the GFTA-3 and KLPA-3. No other articulation or phonological assessments will be discussed during this session.







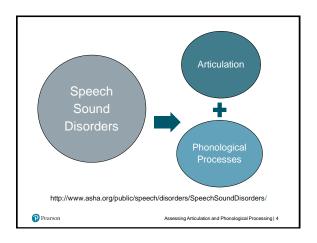
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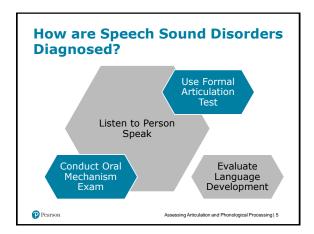


Learning Objectives

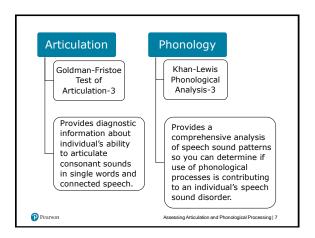
- Describe at least three features new to the GFTA-3 and KLPA-3.
- Identify at least two changes to the scoring procedures for the GETA-3.
- List at least two factors to consider when evaluating an examinee's error patterns on the GFTA-3 and KLPA-3.

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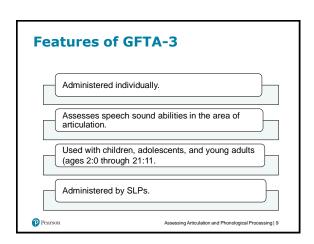




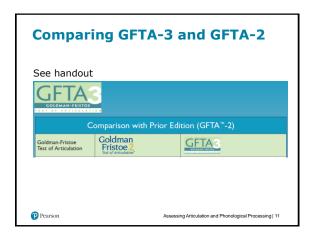
Assess speech sound disorders using the new GFTA-3 & KLPA-3. The new Goldman-Fristoe Test of Articulation—Third Edition (GFTATM-3) and Khan-Lewis Phonological Analysis—Third Edition (KLPATM-3) offer comprehensive articulation and phonology assessment designed to help you diagnose speech sound disorders and plan effective intervention for your diverse client population.



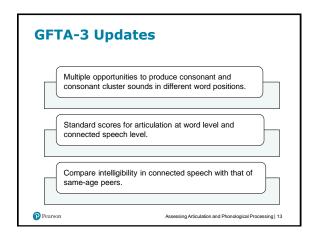


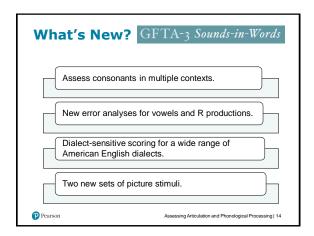


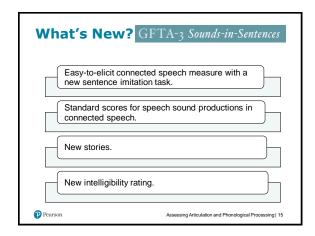








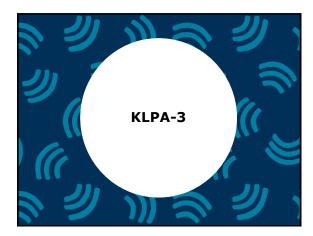


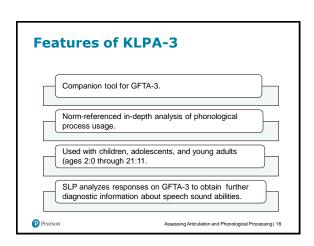


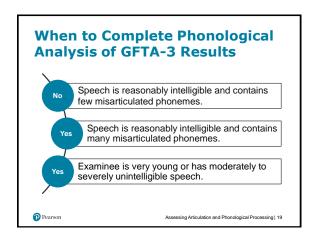
Dialect-Sensitive Scoring If a response to a GFTA-3 item is a variation from SAE that is appropriate for the individual's speech and language background, score it as correct. See Appendix E: Common Phonemic Contrasts between Standard American English and ______ Table E.1 African-American English Table E.2 Spanish-Influenced English Table E.3 Asian-Influenced English

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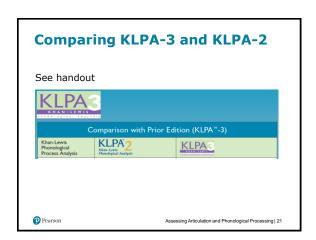
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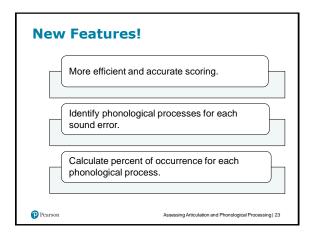












New to KLPA-3 • "Core" Phonological (Developmental Processes per Word processes) vs. "Supplemental" (PPW) Intelligibility rating (Atypical) Processes Vowel analyses Core Phonological Process Analysis - Phonetic inventory · Percent of - Vowel phonological process usage Occurrence of Supplemental Processes Pearson

12 Core Processes Core Processes: frequently occurring phonological processes that are developmental in nature Palatal Deaffrication Cluster simplification Final devoicing fronting Deletion of final Gliding of Liquids Velar fronting Initial devoicing consonant Stopping of fricatives and affricates Syllable reduction Stridency deletion Vocalization New normative data. Obtain standard scores and percentile ranks by age and gender. Pearson Assessing Articulation and Phonological Processing | 25

70101111011	ological Processes Summary				
	Phonological Process	Number of Occurrences	Total Possible Occurrences	Percent of Occurrences	
Manner	Deaffrication (DF)	0	of 8 =	0%	
	Gliding of liquids (GL)	12	of 20 =	60%	
	Stopping of fricatives and affricates (ST)	6	of 48 =	13%	
	Stridency deletion (STR)	11	of 42 =	26%	
	Vocalization (VOC)	6	of 15 =	40%	
Place	Palatal fronting (PF)	1	of 12 =	8%	
	Velar fronting (VF)	0	of 23 =	0%	
Reduction	Cluster simplification (CS)	7	of 23 =	30%	
	Deletion of final consonant (DFC)	1	of 36 =	3%	
	Syllable reduction (SR)	0	of 25 =	0%	
Voicing	Final devoicing (FDV)	0	of 35 =	0%	
	Initial voicing (IV)	0	of 33 =	0%	

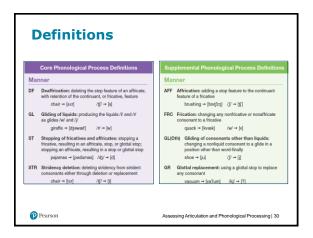
Data-driven determination of the phonological processes that are more clinical in nature (less frequently occurring; atypical)					
Manner	Place	Reduction	Voicing		
Affrication	Backing to velars or /h/	Deletion of initial consonant	Initial devoicing		
Frication		Deletion of medial consonant	Medial devoicing		
Gliding (Other than liquids)			Medial voicing		
Glottal replacement					
Liquidization					
Stopping (Other than Fricatives/Affricates)					

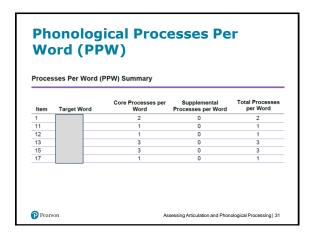
Supplemental Processes

- The 12 Supplemental Phonological Processes are recorded, tallied and converted to a Percent of Occurrence.
- Generally, Supplemental Phonological Processes occur less frequently in typical development.
- Clinical signs that could be diagnostic or prognostic and may be red flags for further consideration.
- · Contribute to the Processes per Word (PPW).

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upplemental Phonological Processes Summary					
	Phonological Process	Number of Occurrences	Total Possible Occurrences	Percent of Occurrences	
Manner	Affrication	0	of 151 =	0%	
	Frication	0	of 111 =	0%	
	Gliding (other)	0	of 81 =	0%	
	Glottal replacement	0	of 159 =	0%	
	Liquidization	0	of 124 =	0%	
	Stopping (other)	0	of 59 =	0%	
Place	Backing to velars or /h/	0	of 134 =	0%	
Reduction	Deletion of initial consonant	0	of 58 =	0%	
	Deletion of medial consonant	1	of 27 =	4%	
Voicing	Initial devoicing	0	of 41 =	0%	
	Medial devoicing	0	of 22 =	0%	
	Medial voicing	0	of 11 =	0%	

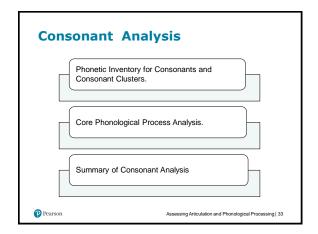


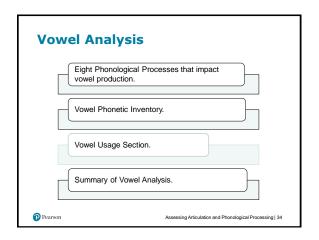


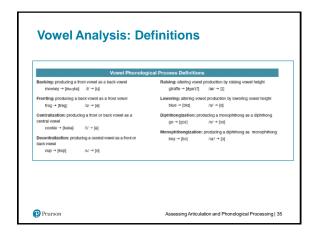
Other Phonological Processes and Sound Change Booklet

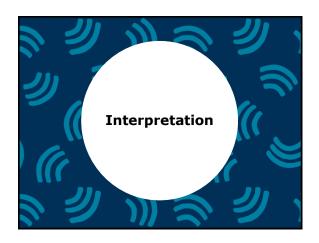
- Individuals may use phonological processes that are not included in the Core or Supplemental Processes.
- The KLPA-3 Sound Change Booklet, just like KLPA-2, aids scoring by providing you with phonological processes for many possible sound changes for each target consonant.
- Other Phonological Processes may be recorded on the KLPA-3 Analysis Form and may contribute to the PPW.











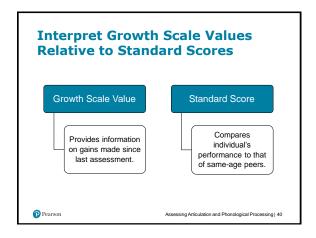
Interpretation and Treatment Planning GFTA-3 and KLPA-3 provide *quantitative* data and *qualitative* data. Both are used to develop treatment plans. Quantitative Scores Norm-referenced scores that enable you to compare examinee's performance to others of same gender and age. • Standard Score • Percentile Rank • Test-age equivalent

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Standard Scores Guidelines for Describing the Severity of a Speech Sound Disorder Classification Relationship to Mean 115 and above Above average +1 SD and above Within + or - 1 SD 78 to 85 Borderline/Marginal/At-Risk Within -1 to -1.5 SD 71 to 77 Low/Moderate Within -1.5 to -2 SD Very Low/Severe -2 SD and below 70 and below **GFTA**3 Pearson ing Articulation and Phonological Processing | 38

Growth Scale Values Growth scale values provide an objective score for measuring changes in GFTA-3 performance over time. They can be used to: 1. Track an individual's skill development on specific tests (e.g., Sounds-in-Words and Sounds-in-Sentences). 1. Determine if the individual has gained additional speech sound skills since a previous administration of the GFTA-3, and 2. Measure the efficacy of an intervention protocol that has been implemented for the individual.





Factors to Consider When Evaluating Error Patterns on GFTA-3 Review the age/gender data specific to the child Normative score Age of emergence of phonemes Age of mastery

Is the child's speech related to a dialectal variation or influence from learning a second language?

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Factors to Consider When Evaluating Error Patterns on GFTA-3

- · Are errors in single words or sentences?
- · Are the errors consistent?
- Is the child stimulable for phonemes produced in error? Are there facilitating contexts?
- Is the child's speech intelligible? How does intelligibility compare to that of peers?



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Factors to Consider When Evaluating Error Patterns on KLPA-3

Review the age/gender data specific to the child (normative scores)

If phonological processes are present,

- · Are the processes developmental or atypical?
- Are they processes that should have been suppressed?
- If atypical, are the processes common in a clinical population?



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Factors to Consider When Evaluating Error Patterns on KLPA-3

- · Are the errors consistent?
- Are there multiple error patterns or are they confined to one or two patterns?
- Are there some contexts where the phonological process is demonstrated?
- Is the child's speech intelligible? How does intelligibility compare to that of peers?

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Male, B., Age 6:3

- · Referred by first grade teacher
- Difficult to understand in single word production and in conversational speech
- · Also struggling with sound decoding in reading
- · Mostly drawings and little or no text in daily writing journal
- · Plays alone
- · Kindergarten teacher reported no academic concerns
- Referred to Child Study Team for speech and literacy concerns







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Referral Questions

- 1. Does B. have a speech sound disorder in the area of phonology?
- 2. If a speech sound disorder in the area of phonology is present, what is B.'s profile of strengths and weaknesses?
- 3. What intervention recommendations can be derived from B.'s profile?

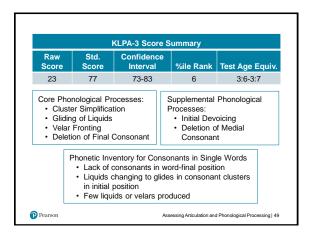
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GFTA-3 Sounds-in-Words Score Summary						
Raw Score	Std. Score	Confidence Interval	%ile Rank	Test Age Equiv.	GSV	
22	77	73-83	6	3:10-3:11	555	

Some sound changes on early developing sounds (e.g., /k/, /g/, but mostly on later developing sounds (e.g., /r/, /l/, clusters).

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Recommendations

- · Speech Sound Disorder in area of phonology.
- Would benefit from intervention focused on the following goals:
 - Suppression of deletion of final consonant
 - Expansion of consonant cluster usage
 - Suppression of velar fronting
 - Suppression of initial devoicing
- Refer for comprehensive psychoeducational evaluation due to difficulties in reading and writing.



