





Developme	ental Langua	ge Disorder
10%	Often invisible	phonology grammar vocabulary social skills learning memory

Challenges in <u>BILINGUAL</u> Assessment

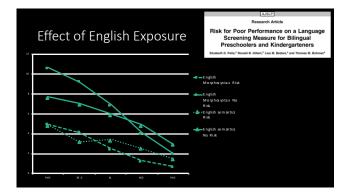
- Second language learning looks like DLD
- First language loss looks like DLD
- Language Dominance
 - Age of first English exposure
 - Percent of current exposure
- Test domain (by language experience)
- Not enough bilingual clinicians (about 4-6% of SLPs are bilingual)

Best Results when we test in BOTH | International Conference | Internation

Ago	9	Sensitivity (LI as LI)	Specificity (TD as TD)	+ likelihood ratio	- likelihood ratio
	4	81.0%	73.1%	3.01	0.26
		90.0%	63.3%	2.45	0.16
	6	52.6%	85.7%	4.09	0.48
	4	70.0%	83.3%	4.19	0.36
		93.8%	77.8%	4.25	0.08
	6	87.5%	86.8%	6.63	0.14
	4	85.7%	100.0%	infinite	0.12
	5	90.9%	84.0%	5.68	0.11
	6	91.7%	85.7%	6.41	0.10

But, can we get any information when we test in English IT DEPENDS	
But, can we get any information when we test in English Child's level of experience in English Age of first exposure Current exposure What we test	
Experience in the L2	

Experience in English • 1 years experience • 30% or more exposure • First grade TNL, cutpoint 6 • 78% sensitivity • 86% specificity ROC Cure (Avas under cure) ROC (Blam, Pena, Beadow, 2013) Gillam, Pena, Beadow, 2013) Gillam, Pena, Beadow, Bendez Perez (2013). Identification of Specific Language Impairment in Bilingual Children, Part 1. Assessment in Rojioh.





	Example		glish		inced		anish
		Don	ninant	Bilir	igual	Dom	ninant
		TD	DLD	TD	DLD	TD	DLD
Passive	The boy was hugged by the girl	.92	.53	.50	.32	.70	.25
3rd Person Singular	Run <u>s</u>	.89	.55	.72	.27	.54	.23
Possessive	teacher's	.88	.50	.60	.19	.44	.09
Question Inversion	is the bus at the school?	.75	.35	.63	.18	.57	.14
Plural Noun	Boxes.	.91	.43	.69	.38	.57	.34
Regular Past	Dropp <u>ed</u>	.79	.63	.54	.17	.43	.17
Negative	don't burn the toast	.94	.90	.78	.31	.59	.22
Copula	He is tall.	.92	.80	.88	.40	.85	.53
Relative Clause	that was on the stove	.78	.53	.66	.19	.59	.10
Irregular Past	Broke.	.60	.10	.31	.10	.21	.04
Prepositional Phrase	between the houses	.42	.55	.45	.25	.41	.18
	Bedore, L.M., Peña, E.D., *Anaya, J., Patterns of Language Impairment in Speech, & Hearing Services in Schoo	the Cont	text of Eng	lish as a			

[A,81.P]		F	ISE	В	ESE	н	EE
Research Article	Task type	TD	DLD	TD	DLD	TD	DLD
The Utility of an English Semantics	rusk type		DED		DED		DED
Measure for Identifying	Associations	.38	.03	.42	.16	.41	.14
Developmental Language Disorder	Analogies	.40	.03	.40	.36	.34	.29
in Spanish-English Bilinguals	Definitions	.51	.21	.57	.40	.66	.43
Javier Jasso," A Stephanie McMiller," Jassel B. Anays," Liss M. Godore," and Elizabeth D. Fella*	Associations	.63	.15	.53	.36	.55	.71
	Associations	.64	.30	.61	.36	.73	.57
	Definitions	.69	.36	.73	.64	.73	.86
	Functions	.69	.21	.79	.60	.86	.57
	Characteristics	.83	.52	.88.	.76	.98	.86
	Similarities and differences	.44	.06	.46	.12	.59	.43
	Functions	.68	.27	.71	.36	.80	.86
	Characteristics	.70	.36	.69	.16	.57	.43
	Associations	.70	.36	.74	.36	.84	.57
	Characteristics	.81	.27	.78	.36	.80	.71
	Similarities and differences	.44	.03	.43	.20	.59	.14
	Definitions	.60	.27	.68	.48	.89	.43
	Functions	.85	.39	.93	.68	.89	.43
	Similarities and differences	.95	.62	.93	.80	1	.43
	Similarities and differences	.59	.15	.62	.16	.73	.29
	Characteristics	.61	.21	.67	.32	.73	.43
	Characteristics	.63 .83		.65	.28	.73	.29
	Similarities and differences	.83	.39 .52	.74	.40	.89 .75	.29 .57
	Definitions Functions	.69	.52	.74	.44	.75	0.57
	Associations	.65	.42	.81	.44	.89	.57
	Functions	.82	.56	.91	.60	.09	.57
	Analogies	.82	.00	.91	.04	.32	0.57
	Analogies Associations	.26	0	.32	.12	.50	.14
	Similarities and differences	.33	.06	.32	.20	.50	.14
	Functions	.40	.21	.52	.32	.50	0.14
	Similarities and differences	.56	.39	.52	.24	.64	.29
	Similarities and differences	.67	.48	.68	.56	.68	.14
	Associations	97	.46	92	.30	.91	.57
	ASSOCIATIONS	.97	./0	.92	.12	.91	.5/

	posites by & Exposu	Cloze Com	y for SR & (ssification Accuracy	Clas
Items for Spanish dominant	Items for balanced bilinguals	Items for English dominant			
20.0	50.0	80.0	Sensitivity	English dominant	
100.0	100.0	94.3	Specificity	(n = 80)	s
66.7	83.3	91.7	Sensitivity	Balanced bilinguals (n = 154)	Participants
92.3	86.9	60.8	Specificity		artici
80.6	90.3	100.0	Sensitivity	Spanish dominant	ď
82.5	67.5	44.7	Specificity	(n = 145)	



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