



Peruvian Spanish children's speech development

SPANISH (Peruvian)

Multilingual Children's Speech Development

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Spanish (Peruvian)

- **Commonly spoken in**
 - Peru
- **Dialects and variants**
 - The major Peruvian Spanish dialects (Lipski, 2017)
 - Andean highlands
 - Lima/central coast
 - Northern coast
 - Southern coast/southeast of the Andes
 - Amazonian lowlands
- **Writing**
 - Left to right. Latin alphabet (Roman script).

Spanish (Peruvian) Map

- Official / major language
- Diasporic language



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Spanish (Peruvian) Speech Components

- **Consonants (25):** /p, b, t, d, k, g, m, n, ɲ, ɳ, f, s, x, ʒ, h, β, ð, γ, ʧ, ʤ, l, j, r, r, ʎ/
- **Consonant clusters (12):** /bl, br, kl, kr, dr, fl, fr, gl, gr, pl, pr, tr/
- **Vowels (5+13):** /i, e, a, o, u/ and /i̞, i̝, i̜, u̞, u̝, u̜, ai̞, ei̞, oi̞, au̞, eu̞, ju, wi/
- **Tones (0):** None
- **Phonotactic restrictions:**
 - Peruvian Spanish follows the same phonotactic rules as other dialects of Spanish
 - Consonant vowel is the most common word structure
 - Clusters can occur in word or syllable onset position
 - Consonant distribution is more restricted in the coda position:
 - Production of /s, n, l, r, d/ depends on the Peruvian dialect of Spanish
- **Prosody:** Spanish is a syllable-timed language (Hualde, 2014)

Spanish (Peruvian) Age of Acquisition

■ Consonants

- 3 years of age: /m, n, ɲ, p, t, k, b, d, g, f, s, tʃ, l, j/
- 4-5 years of age: /r/
- 5 years of age: /r/

■ Consonant clusters

- 4-5 years of age (Susaníbar Chavez et al., 2013)

■ Vowels

- Vowels are acquired by two years of age in Peruvian Spanish (Susaníbar Chavez et al., 2013)

■ Tones

- Not applicable

Spanish (Peruvian) Speech Development

■ Percentage correct

- Children with cleft palate had a significantly lower PCC (*Mean* = 59%) compared to children without cleft palate (*Mean* = 89%) (Sommer, 2021)

■ Intelligibility

- 19 children with speech sound disorders had a mean ICS-S* score of 3.5/5 and the 21 children with typical speech had a mean ICS-S score of 4.4/5 (Sommer, 2021)

■ Common phonological patterns

- Liquid simplification, cluster reduction, final consonant deletion, assimilation, fronting, initial consonant deletion, addition, stopping, conversion into liquid, and gliding (Ruiz Leveau, 2011; Sommer 2021)

*ICS, Intelligibility in Context Scale (McLeod et al., 2012)

Spanish (Peruvian) Children with Speech Sound Disorders

■ Also called

- El trastorno del sonido del habla → speech sound disorder
- La apraxia infantil del habla → childhood apraxia of speech
- Disartria → dysarthria

■ Research has focused on

- Assessment and treatment of children with speech sound disorders

■ Studies

- Children with cleft palate (Blas Alvarado et al., 2018; Guerra Ronquillo, 2017) compared to their peers without cleft palate (Sommer, 2021)

Spanish (Peruvian) Speech Assessments

- **Prueba para la Evaluación del Conocimiento Fonológico (PECO)**
[Test to Evaluate Phonological Awareness]
(Ramos Sánchez & Cuadrado Gordillo, 2006)
- **Protocolo de Evaluación Fonética – Fonológica (PEFF)**
[Protocol to evaluate phonetics and phonology]
(Susaníbar et al., 2016)
- **Escala de Inteligibilidad en Contexto: Español**
[Intelligibility in Context Scale – Spanish] (ICS-S)
(McLeod et al., 2012)
- **Test para Evaluar Procesos de Simplificación Fonológica Revisado Adaptado (TEPROSIF R Adaptado)**
[Test to Evaluate Phonological Processes- Revised and adapted]
(Gallegos Inquiltupa & Vera López, 2021)

Spanish (Peruvian) Speech Interventions

- **Programa de Estimulación Fonético Fonológico-PREFF**
[Phonological-Phonetic Stimulation Effect Program (FFSEP)]
(Dioses et al., 2016)
- **Habla Palabra** [Speak word]
(Morales Collazos & Suarez Rosales, 2018)
- **Leíto. Preparémonos para la Lectura**
[Leito. Let's get ready for reading]
(Rodríguez Romero, 2018)

Reference

Book chapter

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Presentation

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