

Understanding Words Starts with Understanding Speech Sounds: What We Learned from Watching People with Aphasia Listen to Words and Look at Pictures

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An accessible version of:

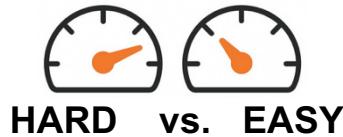
**Lexical processing depends on sublexical processing:
Evidence from the visual world paradigm and aphasia**

Aphasia-friendly summary created by Mike Marquez and Heather Dial. Initial draft created using
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Some studies show people with **aphasia** can do **better** with **words** than **speech sounds** that make up words



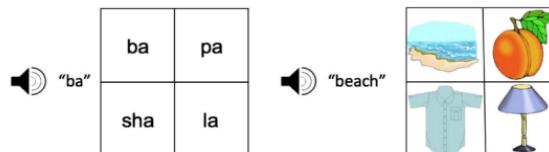
But later studies said these early studies may not have **matched how hard** the tasks were for words and speech sounds



This study used **eye tracking** to check how people process **speech sounds** and **words**



People with aphasia and people without aphasia listened to speech sounds and words and selected a picture that matched what they heard.



Both groups had **strong link** between **speech sound** and **word processing**



This study found evidence showing how **speech sounds** are **required** for processing whole **words**

