Know a child with Autism Spectrum Disorder (ASD)?

What's Roger technology?
- Roger technology refers to a type of wireless system that helps people better understand speech in noisy situations.

How does it work?
- A speaker uses a transmitter microphone (worn or placed in the middle of a group of people) to pick up sound.
- Listeners wear a tiny Roger receiver behind the ear, which picks up the radio waves and amplifies them.

About the Study
Determine if the use of personal wireless listening devices can enhance speech perception in noise, help communication and improve educational outcomes in children with ASD.

20 children with ASD (ages 8 to 15.4) currently enrolled in mainstream school

Study control was a group of 20 children without ASD with similar age and gender distribution.

Why is this study important?
Increasing sound through the use of a wireless listening device has been shown to help improve listening and other auditory processing problems.

A recent study showed wireless listening devices can enhance speech perception in children with ASD by improving:

Listening
For the children who completed the study, the device provided significant listening and communication benefits.

Attention/Educational Outcomes
On a scale of -35 to +35, teachers reported a beneficial use mean score of +24.2 (+24.2)

Social Interaction
Wireless listening device shows significant speech perception among all children participants.

Where can I learn more?
www.phonak.com

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