AMPLIFYING ALL VOICES: AUGMENTATIVE & ALTERNATIVE COMMUNICATION (AAC)

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Shannon Jeng-Lin Apel, MA, CCC-SLP (C) 2024

15th Annual Early Childhood Mental Health Conference - We Can't wait

Disclosures

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B-1 Amplifying All Voices

Presentation Overview

2

myths

used

State AAC

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Describe what AAC is and why it's

Identify and debunk frequent AAC

State when and how to implement

What is AAC?

"**AAC** means all of the ways that someone communicates besides talking." (ASHA, 2023)

No-Tech / Low-Tech AAC

- Nonverbals
 - Facial expressions, Body language, Gestures
- Sign language
- Writing
- Drawing
- Pointing to pictures, letters, written words



<u>High-Tech AAC</u>

- An app on a tablet
- Computer w/ a "voice" (SGD)

AAC Myths

Communication is a basic human right

"Prerequisites" for AAC FALSE

"There are no thinking skills, test scores, or other milestones that you need to reach before AAC can help." (ASHA, 2023)

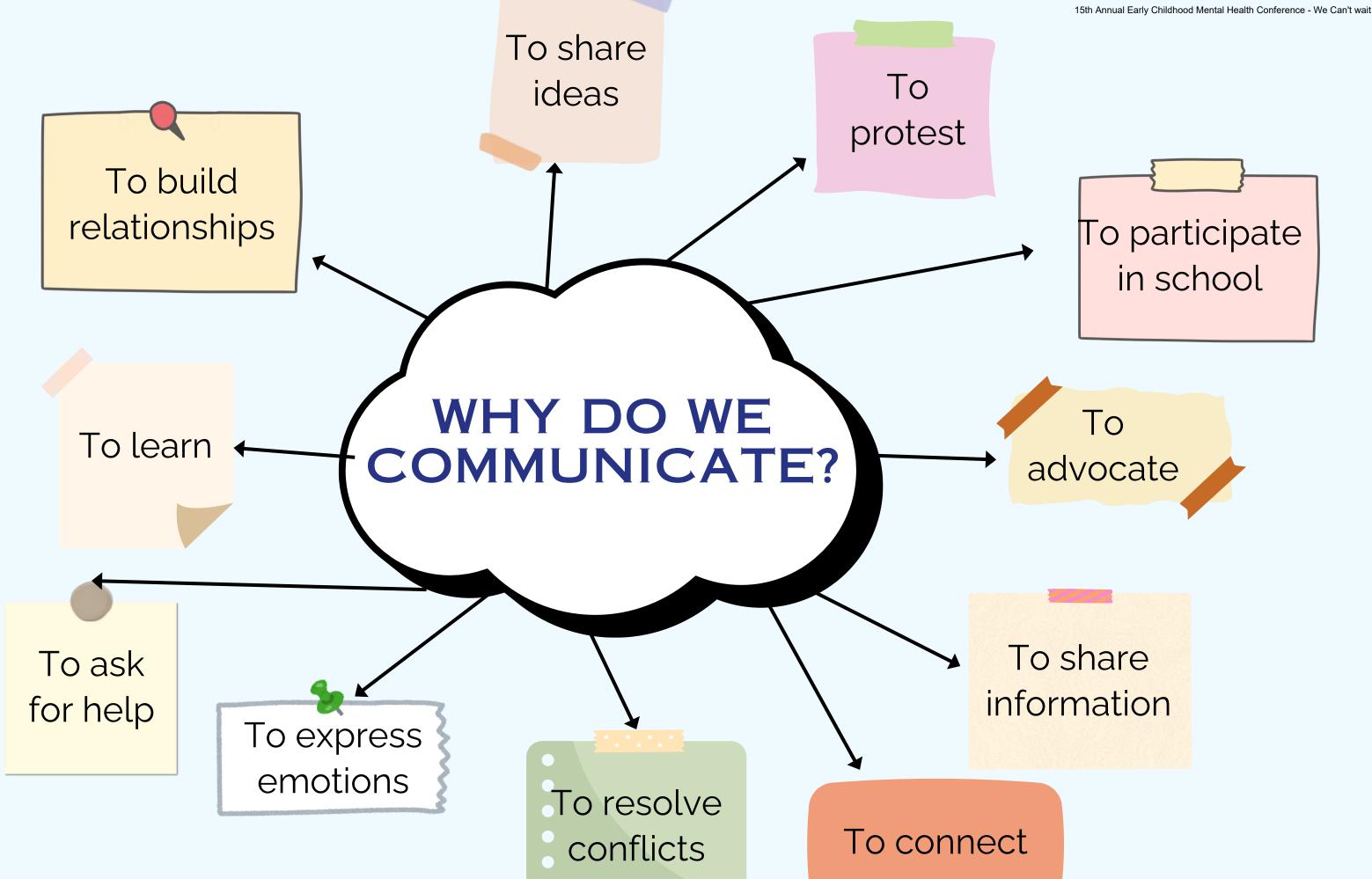
AAC is a "last resort" FALSE

- It's never too early to start
- Promote multimodal communciation



AAC will prevent children from talking FALSE

• Use of AAC can improve verbal speech



Diving Deeper

A 2021 study from Moore et al. found:

- Higher rates of anxiety and depression were found in extremely preterm infants at 10 year of age
- Having an IEP was correlated with depression
- Lower levels of academic achievement were found in children with a lower gestational age



Late Talkers

- Caregivers most commonly bring up 2 concerns at the pediatrician's office: language skills and disruptive behavior (Sheldrick et al., 2012)
- Poorer language skills are associated with increased disruptive behaviors (Roberts et al., 2018)
- Late talkers between 24-30 months were twice as likely to have severe tantrums (Manning et al., 2019)



Teenagers

16-18 year olds w/ clinical mental illness were found to have poorer vocabulary skills and poorer quality of communication with their parents compared to adolescents w/o mental illness (Clarke et al., 2022)



Autism

Autistic children have a significantly higher risk for suicide compared to the general population (Rybcznski et al., 2022)

Various Diagnoses

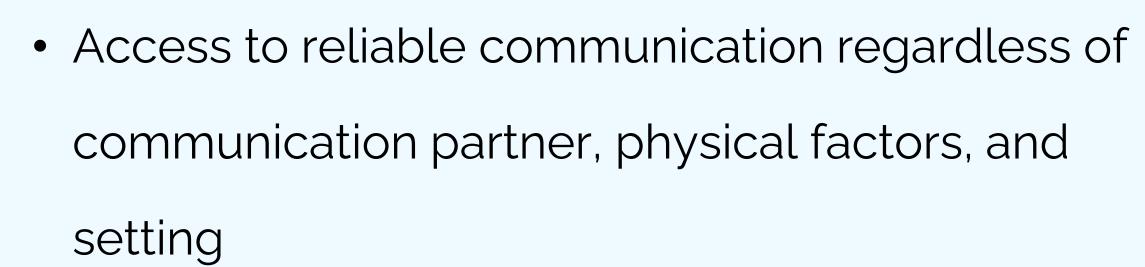
Increased rates of depression, anxiety, and/or suicidal ideology are also found in:

- people who stutter (Tichenor et al., 2023)
- children with language disorders (Donolato et al., 2021)
- children with feeding disorders (Iron-Segev et al., 2020)
- adolescents with a history of Childhood Apraxia of

Speech (Lewis et al., 2021)

WHY use AAC

- Decrease frustration
- Increase independence
- Repair communication breakdowns
- Increase participation
- Grow communication skills







WHEN to use AAC

- As speech is developing
- When a child isn't talking much
- When a child isn't talking at all / speech has not developed
- To support speech that's hard to understand
- If speech is lost or deteriorating
- When speech is temporarily not possible
- When speech is intermittent or unreliable





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AAC Funding Sources

<u>Schools</u>

- Families can request an AAC evaluation
- Have a district assistive tech (AT) specialist
- Device is funded by the school district

<u>Insurance</u>

- Device companies: PRC, AbleNet, Tobii Dynavox
- Grants



Immediate Take-Aways

- Have and use the AAC device during all waking hours
- Model, model, and model some more!



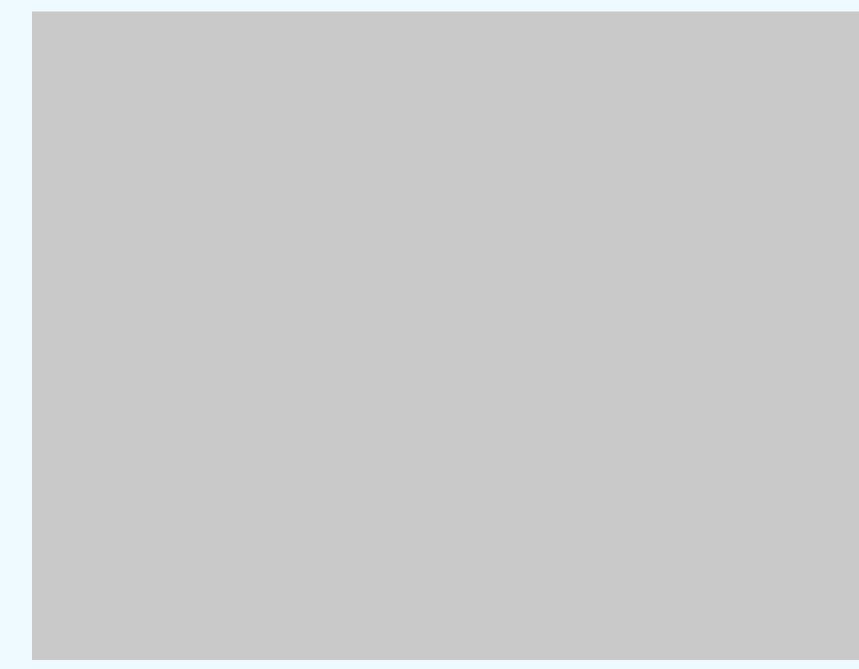
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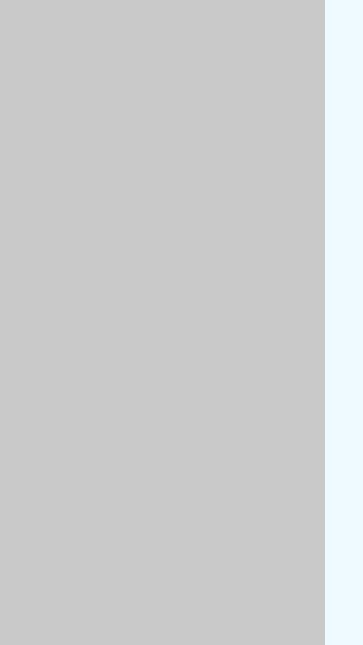


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AAC - Direct Select



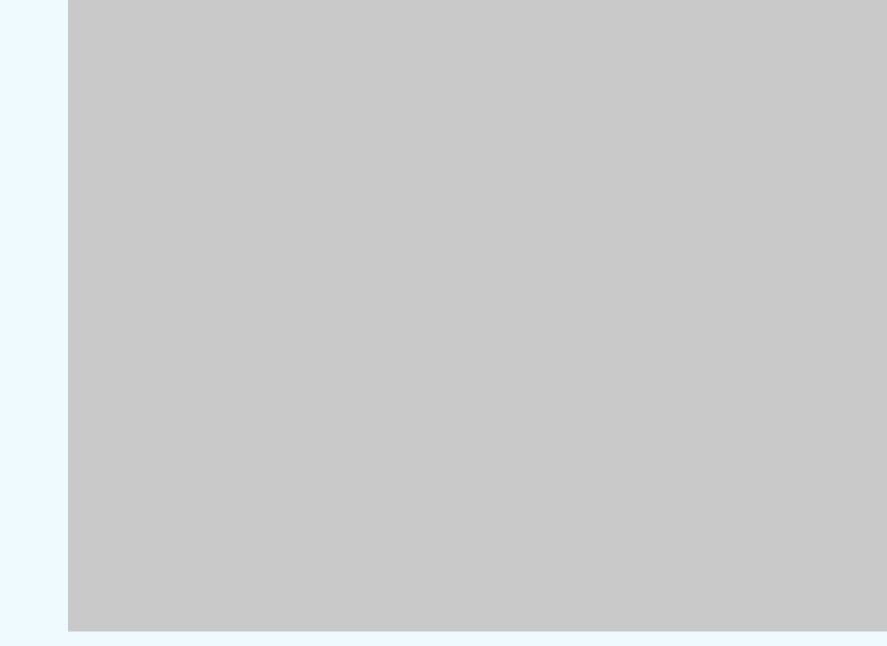


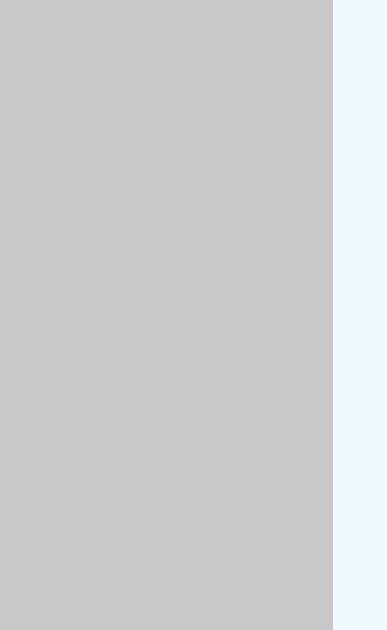
AAC - Switch Scanning





AAC - Switch Scanning cont.





AAC - Eye Gaze





QUESTIONS SApel@rchsd.org

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