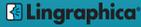


Speech Teletherapy and Virtual AAC Device Trials

Using Lingraphica Technologies



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Presenter is a full-time, salaried employee at Lingraphica, and thereby receives financial compensation from the Lingraphica Company

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Learning Outcomes

1. Explain the benefits of providing service via teletherapy, including research supporting its effectiveness.
2. Describe best practices when considering teletherapy, including key issues and clinical practices.
3. Identify treatment techniques that can be used in teletherapy, including common evidence-based tools, online therapy platforms, and Lingraphica's AAC devices.



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Agenda

1. Understanding the Benefits of Teletherapy
2. Key Issues Related to Telepractice
3. Creating a Solid Technical Foundation
4. Best Practices for Delivering Teletherapy
5. Making Evidence-Based Therapy Virtual
6. Free Online Therapy Platforms
7. Conducting a Virtual AAC Device Trial



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Understanding the Benefits of Teletherapy



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6 Key Benefits of Speech Teletherapy

 Safe	 Efficient	 Flexible
 Accessible	 Affordable	 Effective



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Speech Teletherapy is Safe



SAFE

- No need to travel
- No risk of illness
- No inclement weather



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Speech Teletherapy is Efficient



EFFICIENT

- No waiting rooms
- Hop right in and start
- Easier to fit more clients



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Speech Teletherapy is Flexible



FLEXIBLE

- Several treatment options
- Customize treatment plans
- Target specific goals



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Speech Teletherapy is Accessible



ACCESSIBLE

- Log-in from anywhere, anytime
- Treat those with inadequate access
- Improved attendance



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Speech Teletherapy is Affordable



AFFORDABLE

- Creating custom pricing packages
- Not as many overhead costs
- No travel expenses



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Speech Teletherapy is Effective



EFFECTIVE

- **Study 1:** Combining Teletherapy and On-line Language Exercises in the Treatment of Chronic Aphasia
- **Study 2:** In-Home Synchronous Telespeech Therapy to Improve Functional Communication in Chronic Poststroke Aphasia



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Key Issues Related to Telepractice



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Reimbursement

The following comes directly from ASHA:

- Coverage and payment of telepractice services varies widely across federal, state, and commercial payers (e.g., Medicare, Medicaid, private health insurance).
- State Medicaid agencies and commercial payers have the discretion to cover telepractice services provided by audiologist and SLPs.
- It is critical for clinicians to verify telepractice coverage and billing guidelines by the payer before initiation of services.



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Privacy and Security

The following comes directly from ASHA:

- Clinicians providing services via telepractice are bound by federal and state regulations as they would be when providing in-person services.
- States may also have privacy or security requirements that are more stringent than federal requirements.
- Determining how to be compliant with these regulations is complex. To manage risk, clinicians are advised to obtain documentation of informed consent from the client.



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Licensure

- Legal and regulatory requirements vary by state
- In general, location of the client determines the site of service and licensure requirements
- Check state-by-state requirements on ASHA prior to providing service.



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Creating a Solid Technical Foundation



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4 Components of a Solid Technical Foundation



Hardware



Software



Peripheral Devices



Connectivity



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General Hardware Guidelines



Hardware

Use a computer with:

- A fast processor
- Good amount of RAM
- A high-quality video card
- High-res display



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General Software Guidelines



Software

Consider some HIPAA-compliant video conferencing platforms like:

- doxy.me
- Google Meet - with Business Associate Agreement
- VSee
- Zoom for Healthcare



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Software Tools and Features



Software

Most platforms include tools that will help you provide remote therapy:

- Screenshot
- Remote access - let patient control the screen
- Pen/annotation tool
- Sharing computer audio



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General Peripheral Device Guidelines



Peripheral Devices

There are several peripheral devices that may help improve the quality of your session, including:

- High-quality webcam
- High-resolution external screen
- Microphone or headset
- Lighting



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General Connectivity Guidelines



Connectivity

Connectivity issues can quickly derail a video conferencing session, so it's best to:

- Make sure you have high-speed internet
- Choose a hardwired connection whenever possible
- Keep bandwidth in mind during sessions



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Best Practices for Delivering Teletherapy



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Screen for Candidacy



- Telepractice is not always an appropriate option.
- Culture, age, impairment and other characteristics may influence the appropriateness.
- Make sure to screen clients before delivering any services.



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Enlist a Caregiver



- Having a family member or other caregiver to support your session will help it run smoothly.
- This person is crucial for helping with technology, following your instructions, and reducing client frustration.
- Make sure the helper also knows when not to step in – for instance, when your client is completing a therapy task.



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Build A Connection



- "Patients are satisfied with telerehabilitation services when trained appropriately and some social interaction occurs"
- Using a family-centered approach
- Build confidence and redefine success



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Making Evidence-Based Therapy Virtual



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Virtual VNeST

- Shared Word document
- SLP prompts with questions and takes notes for all to see

WHO		WHAT
Alison		An ambulance
My daughter	drives	Ferrari
A paramedic		A boat




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PACE Through Teletherapy

- Use picture cards and your webcam
- Multimodal - use shared Word document or pen and paper with webcam




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Online Semantic Feature Analysis

What is it? Used for? Looks like?
Where kept? When used? Use in sentence

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Free Online Therapy Platforms

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TalkPath™ Therapy

Download on the App Store
Start practicing at talkpaththerapy.com

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How Does It Work?



- Specialized accounts
- Customized plans
- Two platform delivery
- Monitor with specialized accounts



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Nearly 12,000 Tasks Available



- News articles
- Four language categories
- Three cognitive categories
- Difficulty levels ranging from 1-7



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Language: Writing & Spelling



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Cognitive Daily Living Exercises



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Mouth Position Videos



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Reporting Capabilities



Robust reporting capabilities offer visibility into client performance in all seven categories.

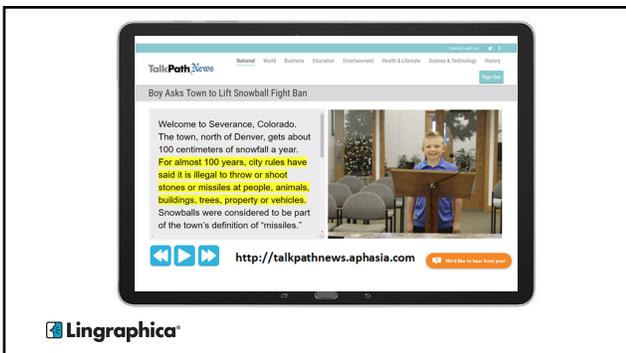


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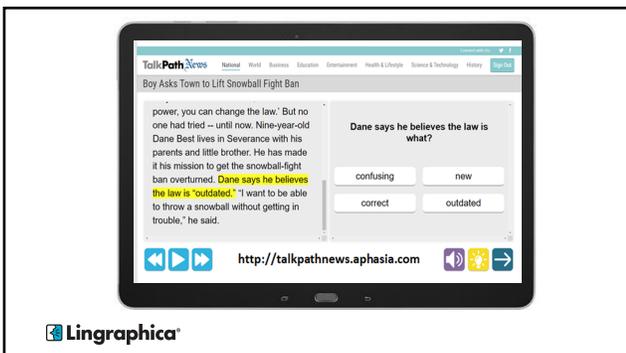
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Conducting a Virtual AAC Device Trial



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How a Virtual AAC Device Trial Works

- After you start a trial, Lingraphica will:
 1. Send both you and your client a pre-customized trial device.
 2. Collaborate with you via an online video conferencing platform.
 3. Assign a dedicated clinical consultant to provide guidance.
 4. Assist with paperwork and funding questions.
 5. Ship the permanent device following insurance approval.
- Patients on hiatus? Lingraphica can still help



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Lingraphica Device Candidacy



- Moderate-severe or severe expressive impairment
- Supportive family member or communication partner



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Two Keys to Success with AAC Devices



Caregiver Involvement



Device Personalization



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Personalize: Connecting with Family




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Personalize: Talking to Doctors




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Personalize: Participating in Hobbies

The screenshot shows a mobile application interface with a top navigation bar containing icons for home, back, forward, search, voice, text, camera, and a list. Below the navigation bar is a grid of eight icons representing different activities: a checkmark (yes), a no symbol (no), a Blackjack card, a hand holding a card (Hit me), a hand holding a card (Stay), a hand holding a card (Push), a hand holding a card (Bust), a hand holding a card (Dealer), a hand holding a card (Chips), and a hand holding a card (Cards). The Lingraphica logo is visible in the bottom left corner.

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Personalize: Checking in With Spouse

The screenshot shows a mobile application interface with a top navigation bar containing icons for home, back, forward, search, voice, text, camera, and a list. Below the navigation bar is a grid of ten icons representing different communication scenarios: a man's face (Hi honey, it's me), a hand holding a card (Just wanted to say hello), a thumbs up (I am OK), a hand holding a card (I'm not feeling good), a hand holding a card (How is your day?), a hand holding a card (I'm bored), a clock (What time will you be home?), a hand holding a card (Love you, goodbye), a checkmark (yes), a no symbol (no), and a hand holding a card (I don't know). The Lingraphica logo is visible in the bottom left corner.

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Personalize: Medical Emergency

The screenshot shows a mobile application interface with a top navigation bar containing icons for home, back, forward, search, voice, text, camera, and a list. Below the navigation bar is a grid of ten icons representing different medical emergency scenarios: a hand holding a card (I need an ambulance), a hand holding a card (Please hurry!), a man's face (My name is Bob Smith), a house (123 Pine Street), a hand holding a card (Stroke 2 years ago), a hand holding a card (I'm feeling dizzy), a hand holding a card (Having stroke?), a hand holding a card (I had a seizure), a hand holding a card (I have diabetes), a hand holding a card (I have high blood pressure), a hand holding a card (Call wife 609-555-5555), and a checkmark (yes). The Lingraphica logo is visible in the bottom left corner.

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Personalize: Alexa Commands

The image shows the Alexa mobile app interface. At the top, there's a navigation bar with icons for Home, Back, Forward, Search, Alexa, and a microphone. Below this, there are several skill categories represented by icons: Calling (phone), Messaging (envelope), TV (television), Music (musical notes), Audiobooks (book), Time/Date (clock), News & Weather (weather icon), Asking Questions (question mark), and Smart Home (lightbulb). The background has a light blue diamond pattern.

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Summary

- There are 6 important benefits to teletherapy
- Be aware of the key issues related to telepractice
- Know what's needed to create a solid technical foundation
- Employ best practices when delivering teletherapy
- Incorporate evidence-based techniques into your virtual practice
- Take advantage of free online therapy platforms
- Consider introducing high-tech AAC

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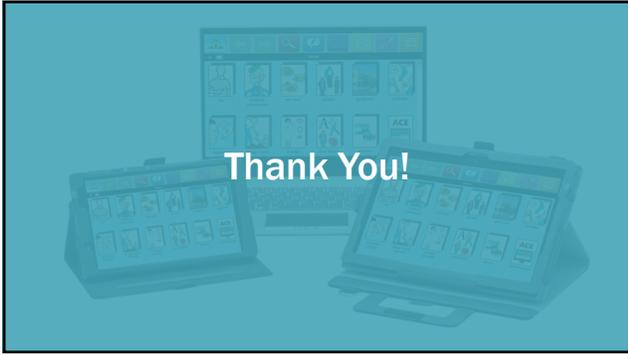
Next Steps

- Earn 0.1 CEUs for today's course
- Free one-on-one consultations available
 - Clinical questions
 - Device demo
 - Schedule at: www.aphasia.com/aac-consult
 - Call 888-274-2742

The image shows two people, a woman and a man, sitting at a table and talking. The woman is on the left, and the man is on the right. They appear to be in a professional setting, possibly a consultation or meeting.

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