


Your Digital Swiss Army Knife:
Thinking Outside the Box with Apps



Jessica Gosnell, MS, CCC-SLP
Children's Hospital Boston
Augmentative Communication Program


Today's Presentation Will Not:


List apps! Refer to...

- [Eric Sallers](#)
- [Jane Farrell](#)
- [Sam Sennott](#)
- [Alberta Children's Hospital](#)



Today's Presentation Will:

Highlight ways to use mobile applications to enhance your ability to support children with complex communication needs.



Wichita State University 

- ▶ ASHA 2010 Presented responses to App Related Survey
- ▶ Q3: Was an evaluation conducted to determine the iPod/iPad would be the most appropriate communication system?
 - Yes- 54.4%
 - No- 55.6%

Clinical Impacts of the Paradigm Shift:

- We (as SLPs) need to:

to ensure that the hype surrounding these consumer applications does not compromise the quality of service and supports that we provide to our students, patients, and clients.



As clinicians we need to...

1. Stay informed (website handout)
2. Be critical in our assessment of the available tools
3. Be creative, yet clinical, in the manner in which we apply these tools.



Be Critical in our Assessment of Available Tools...

- Did we get to the iPad/touch/phone + Apps through Feature Matching?



- ▶ Are we finding the right student/patient for the technology or the right technology for the student/patient?



Feature Matching:

- ▶ A process in which an AAC user's strengths and needs (current and future) are evaluated and matched to specific features of AAC symbols, strategies, and devices
 - (1994, Costello & Shane, 1997 Glennen)



CHB-Feature Matching Of Apps:

- ▶ Presenting an:
 - organizational schema and a strategy for making selection based on a systematic framework rather than choosing by trial and error and "hype".
- ▶ CHB's decision-making framework is based on:
 - a consideration of an individuals communications needs and abilities compared to set of features (or characteristics) offered by the media devices and apps.



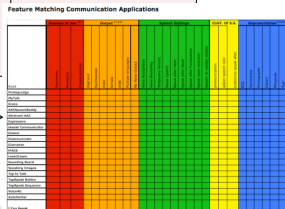
FEATURE MATCHING

▶ The Big Picture....

What the Chart is....	What the chart IS NOT....
<input type="checkbox"/> A list of features that are known to be important to many people with CCN, although not all are currently featured in existing apps (note the blank columns within the tables)	<input type="checkbox"/> List of all the Apps <input type="checkbox"/> List of features of Apps


Constantly changing and updating (with both features and apps)

Full chart coming soon to www.childrenshospital.org/acp



Be creative in how we apply these tools...


- ❑ Elicit Speech/Supplement Speech
- ❑ "Simulate" Dedicated Devices
- ❑ Motor Refinement
- ❑ Activities for Varied Pragmatic Functions:
 - Directives
 - Commenting
 - Describing
 - Asking Questions



Clinical "APP"lications:

▶ Elicit Speech


Traditional "speech"	Adapted "Speech" Apps
Tiga Talk	Talking Carl
All About Sounds	Talking Baby Hippo
Verbs with Milo	Singing Fingers
ArtikPix	Starfall
Pocket SLP Articulation	Talking Tom Cat
Tic-Tac-Talk	Furry Friend
Articulate It!	
Match2Say	



Clinical "APP"lications:


▶ Motor Imitation & Refinement

- Pointing:
 - BoggieBopper
 - Wheels on the Bus
 - I hear Ewe
 - Kero
 - Bug Squash
 - Smack It
 - Bubble Pop
 - Itsy Bitsy (Video of Leo?)
- Swipe:
 - Wheels on the Bus
 - Kids Play (truck game)
- Drag:
 - Wood Puzzle
 - Sort Slider
 - Build a Word
 - StoryTime



Clinical "APP"lications:


- ▶ Directives:
 - Pogg (Pogg + Clap, Pogg + Run)
 - Arnie (Arnie + eat, Arnie + wave)
 - Baby Hippo (Hippo + sneeze, Hippo + laugh)
 - Elmo Monster Maker (Put On + Eyes/Hat)
 - Veg Head (Put on + eyes/hat/hair etc.)



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Clinical "APP"lications:


- ▶ Commenting:
 - Cloudy Shake (Yucky, Yummy)
 - Elmo's Monster Maker (Looks silly, looks good)
- ▶ Doodle



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Clinical "APP"lications:

- ▶ Describing:
 - Spin Art (colors, fast/slow spinning, thick/thin)
 - Musical Instruments (piano, maracas, drums → fast/slow, loud/quiet)
 - MASH (big house, color of wedding dress, number of kids)
 - StoryTime (describe videos)



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Clinical "APP"lications:

- ▶ Questions:
 - Psychic Squid
 - Decisions
 - TalkinBoard
 - What animal are you?
 - Pogg (Can you _____?)

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Simulating Dedicated Devices

- ▶ Examples of Multiple ways to set up Proloquo2go

List View + No symbols

Modified "Gateway" Page

Modified "AlphaCore"

Customized 9 Symbol Topic Display Pages

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Questions...

- ▶ Jessica.gosnell@childrens.harvard.edu
- ▶ www.childrenshospital.org/acp

any questions?

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