I. Model for Assessment
   A. Predictive Assessment
      1. Goal Oriented
   B. Assessment Sections
      1. Communication Needs Assessment
      2. Expressive Communication Modalities
      3. Determine Reliable Motor Response
      4. Receptive Language, Cognitive and Academic Abilities
      5. Symbolic Language Ability
      6. Feature Matching
      7. Device/System Trials

II. Communication Needs
   A. Identify and Interview Communication Partners
   B. Communication Environments
   C. Communication Modalities Used Across these partners and environments
   D. Communication Barriers
   E. Expectations and Hopes
III. Modality Effectiveness

A. “Language Sampling” in a natural environment
   1. Observe client in natural interaction.
   2. Identify communication acts using different modalities (Fig 5-4).
   3. Analyze Communication Acts in terms: e.g., Responsive, Initiating, Maintaining.

B. Evaluate Speech Intelligibility:
   1. Meaningful Use of Speech Scale

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MEANINGFUL USE OF SPEECH SCALE (MUSS)
Osberger, 1992
Scale: 0 to 4 (0 = never uses; 4 = always occurs)

Level Description
1. Vocalizes during communication interactions.
2. Uses speech to attract others’ attention.
3. Vocalizations vary with content and intent of messages.
4. Is willing to use speech primarily to communicate with familiar people on known topics.
5. Is willing to use speech to communicate with unfamiliar people on known topics.
6. Is willing to use speech primarily to communicate with familiar people on novel topics or with reduced contextual information.
7. Is willing to use speech primarily to communicate with unfamiliar people on novel topics or with reduced contextual information.
8. Produces messages understood by people familiar with his or her speech.
9. Produces messages understood by people unfamiliar with his or her speech.
10. Uses appropriate repair and clarification strategies.
B. Evaluate Speech Intelligibility:
   1. Meaningful Use of Speech Scale
   2. Speech Intelligibility Measures
      A. PSIM (Wilcox, et al., 1991)
      B. TOCS+ (Hodge, 2003)
      C. AIDS (Yorkston & Beukelman)

IV. Motor/Sensory Evaluation
   1. Range and Resolution
      a. Range is how far a person can reach and select an item.
      b. Resolution is how small a space a person can select an item within.
   2. Reliable Site
      a. The most reliable part of the body for direct selection or switch use
   3. Vision
      a. Peripheral vision
      b. Visual acuity
      c. Visual Tracking
   4. Hearing
      a. From background check
      b. Hearing evaluation
V. Receptive Language, Cognitive and Academic Abilities

A. May or May not be useful for the Goal of AAC Assessment.
   1. No Set Criteria for AAC Use
   2. Gain info about “gaps between existing expressive communication abilities and individuals receptive, cognitive and educational potential”
B. Use those with M/C format (Table 5-6)
C. Adapt Tests.

VI. Symbolic Language Abilities

A. Presymbolic Cognitive Skills
   1. Intentional Movement
   2. Cause and Effect
   3. Turn Taking
   4. Object Permanence
   5. Differentiation
   6. Imitation
   7. Anticipation
   8. Attention/Eye Contact
   9. Problem Solving

B. Symbol Use
   1. Early Symbolic Knowledge
      a. Knows Functions of Objects.
      b. Knows touching or looking at object and then picture of object can be communicative.
      c. Can discriminate between objects or pictures of objects for communication.
      d. Can associate spoken words with object or picture.
2. Symbol Sequencing:
   a. Can combine symbols to communicate.
3. Categorization/Association:
   b. Associates items by numerous features.
C. Literacy
   1. Letter Recognition
   2. Site Word Recognition
   3. Basic Spelling
   4. Ability to Use Abbreviation and Word Prediction

VII. Feature Matching
Device/System Trials
A. Components Device Demonstration and Trials
   1. Feature Matching
      a. High Tech/Low Tech?
      b. Dedicated or Computer Based?
      c. Input
         1) Direct Selection
         2) Switch
      
      d. Output
         1) Printed
         2) Auditory
            • digitized
            • synthesized
      e. Portability
         1) Size
         2) Weight
         3) Wheelchair Mounting
<table>
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<tr>
<th>Device</th>
<th>Type</th>
<th>Software Program</th>
<th>Symbol Systems</th>
<th>Compatibility</th>
<th>Size (inches)</th>
<th>Cost</th>
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