Supplementary material for “Setting goals for communicative life participation in aphasia” (K. Haley, J.D. Richardson, A. Jacks, M. de Riesthal)

- Objectives and the law
  - Must have: written statements re: needs of individuals with impairments; implementation of goals and objectives to meet those needs.
  - Written statements must include: level of performance statement; annual and short-term goals; objective criteria and evaluative procedures for determining when goals are achieved.
- Objectives and the team (clinician, patient, family)
  - Assist in selection of therapy materials/objectives; assist in organization of therapy sessions; facilitate precise data collection and evaluation of therapy outcomes; forecast capabilities of client; hold team accountable; are constructed with input from all members of the team.
- Writing Objectives – Mager’s Approach (Mowrer, 1982)
  - The “Do” statement
    - What the client is supposed to be doing; measurable
  - The Conditions statement
    - Conditions under which client doing the act
  - Information about Criterion for success
    - Criterion to indicate how well s/he will be doing it
- Writing Objectives – Snyder’s Approach (Mowrer, 1982)
  - The big 8 to include in an objective:
    - What is to be accomplished?
    - By whom?
    - When and for how long?
    - Under what conditions?
    - With what tools or materials?
    - To what extent or degree of accuracy?
    - Judged how?
    - Other special features?
- Writing Objectives – Klimek et al.’s Approach (Gallena, 2007)
  - Performance – similar to Mager’s “Do” statement
  - Criterion attributes
  - Consistency – similar to Mager’s criterion
  - Complexity
  - Conditions/cueing
- Objectives – Difficult to measure/track changes reliably
  - Will demonstrate use of new vocabulary and basic concepts, as judged by the clinician.
  - Will use AAC device to request, comment, regulate others’ actions
  - Will learn 2 new functional signs each week.
  - Will use new vocabulary to describe, request, etc.
- Objectives – More easily and reliably measured/tracked, adhering to approaches above
  - Given a field of 4 pictures, the client will point to a picture named by a clinician within 5 seconds of the clinician’s prompt (“Point to the ____”) for 80% of opportunities during a 10-minute interval.
  - The client will produce 3-5 syllables per breath without glottal fry during structured conversation with 2 different family members for 90% of opportunities during a 10-minute interval given instructional cues only.
• **REFINE A GOAL WORKSHOP**

Original Goal -> “PWA will respond to text messages with short sentences with 90% accuracy using predictive text software as a cueing/compensation strategy.”

**(with Mager's approach)**

<table>
<thead>
<tr>
<th>DO</th>
<th>CONDITIONS</th>
<th>CRITERION</th>
</tr>
</thead>
<tbody>
<tr>
<td>respond to text messages</td>
<td>with short sentences, using predictive text software</td>
<td>90% accuracy</td>
</tr>
</tbody>
</table>

*Some questions....*

- What constitutes a sentence?
- Any support from clinician?
- The sentences need to be 90% accurate overall? How many opportunities overall?

*More informative...*

| respond to text messages | with short sentences (containing X elements), independently (no clinician assistance), using predictive text software | accurate sentences for 9/10 opportunities (could add across X# consecutive sessions.... Across different communication partners, etc.) |

*So could read*

2. PWA will independently respond to text messages with short sentences (containing S-V, or S-V-O, as appropriate) with use of predictive text software for 9/10 opportunities.

**(with Klimek's approach)**

<table>
<thead>
<tr>
<th>PERFORMANCE CRITERION ATTRIBUTES</th>
<th>CONSISTENCY</th>
<th>COMPLEXITY</th>
<th>CONDITIONS/ CUEING</th>
</tr>
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<td></td>
</tr>
</tbody>
</table>

*Some questions...*

- What types of sentences? Do they have to be 100% accurate?
- How many opportunities? Over how many sessions? Across how many users?
- Are there any special features about the type of communication the PWA will be responding to? Is there a time limit for drafting the response? etc.
- Any assistance or prompts from clinician at all?

*More informative:*

| respond to text messages | with accurate SV or SVO sentences, as appropriate | for 9/10 opportunities, across 2 consecutive sessions, and across 2 or more texting partners (w/ different texting styles) | within 3-5 minutes? | no clinician cues, using only the predictive text software provided by most smart phones today |

*So could read*

2. PWA will independently respond to text messages with accurate short sentences (minimum of SV or SVO, as appropriate) within 3-5 minutes of receiving a text message with use of predictive text software for 9/10 opportunities across 2 or more texting partners for 2 consecutive sessions.