

SUPPLEMENTAL DIGITAL CONTENT 2: RANCHO LOS AMIGOS LEVELS OF COGNITIVE FUNCTION SCALE²⁶

Rancho Los Amigos Level of Cognitive Function	Behavioral Descriptors Related to Attention: "A person at this level may demonstrate:"	Recommended Strategies for Family/Friends Related to Attention
I. No Response	Absence of observable change in behavior and response to stimuli.	Keep comments and questions short and simple. Keep the room calm and quiet. Care givers should explain what is about to be done in a normal tone of voice.
II. Generalized Response	Response to external stimuli with physiological changes, gross body movement and/or non-purposeful vocalization.	Same approach as Level I.
III. Localized Response	Periods of waking off and on during the day. Slow and inconsistent responses, but related to type of stimulus presented.	Same approach as Levels I-II. Allow extra response time and rest.
IV. Confused-Agitated	Alertness and a heightened state of activity. Inability to pay attention or ability to concentrate for only a few seconds.	Same as for Levels I-III; orient and reassure patient. Allow as much activity as is safe.
V. Confused-Inappropriate-Non-Agitated	Alertness and ability to attend for a few minutes at a time. Restlessness when tired or over-stimulated. Difficulty starting and completing activities. Need for step by step help to finish tasks.	Repeat things as needed. Help organize and initiate familiar activities. Give frequent rest periods to allow refocusing of attention.
VI. Confused- Appropriate	Ability to attend to familiar tasks in quiet environment for 30 minutes with some help provided. Emerging awareness of how to care for own basic needs and respond to family and others.	Provide help in starting and continuing activities. Repeat activities and information to improve learning and recall.
VII. Automatic-Appropriate	Difficulty paying attention in distracting or stressful situations. Difficulty planning, starting and following thorough with activities. Delayed processing, especially in complex/stressful situations.	Approach for Levels VII and VIII are the same: Provide support and guidance for problem solving and decision making. Encourage continued therapy.
VIII. Purposeful and Appropriate	Ability to learn new things at a slower rate. Ability to use compensatory strategies. Delayed processing or problem solving difficulties in complex and stressful situations.	Encourage independence within appropriate safety guidelines (physical and cognitive). Encourage the use of compensatory strategies. Encourage participation in counseling and support groups to assist with adjustment issues.