



Rancho Los Amigos – Levels of Cognitive Functioning

I. No Response

Patient appears to be in a deep sleep and is unresponsive to stimuli.

II. Generalized Response

Patient reacts inconsistently and non-purposefully to stimuli in a nonspecific manner. Reflexes are limited and often the same, regardless of stimuli presented.

III. Localized Response

Patient responses are specific but inconsistent, and are directly related to the type of stimulus presented, such as turning head toward a sound or focusing on a presented object. He may follow simple commands in an inconsistent and delayed manner.

IV. Confused-Agitated

Patient is in a heightened state of activity and severely confused, disoriented, and unaware of present events. His behaviour is frequently bizarre and inappropriate to his immediate environment. He is unable to perform self-care. If not physically disabled, he may perform automatic motor activities such as sitting, reaching and walking as part of his agitated state, but not necessarily as a purposeful act.

V. Confused-Inappropriate, Non-Agitated

Patient appears alert and responds to simple commands. More complex commands, however, produce responses that are non-purposeful and random. The patient may show some agitated behaviour it is in response to external stimuli rather than internal confusion. The patient is highly distractible and generally has difficulty in learning new information. He can manage self-care activities with assistance. His memory is impaired and verbalization is often inappropriate.

VI. Confused-Appropriate

Patient shows goal-directed behaviour, but relies on cueing for direction. He can relearn old skills such as activities of daily living, but memory problems interfere with new learning. He has a beginning awareness of self and others.

VII. Automatic-Appropriate

Patient goes through daily routine automatically, but is robot-like with appropriate behaviour and minimal confusion. He has shallow recall of activities, and superficial awareness of, but lack of insight to, his condition. He requires at least minimal supervision because judgment, problem solving, and planning skills are impaired.

VIII. Purposeful-Appropriate

Patient is alert and oriented, and is able to recall and integrate past and recent events. He can learn new activities and continue in home and living skills, though deficits in stress tolerance, judgment, abstract reasoning, social, emotional, and intellectual capacities may persist.

Original Scale co-authored by Chris Hagen, Ph.D., Danese Malkmus, M.A., Patricia Durham, M.A. Communication Disorders Service, Rancho Los Amigos Hospital, 1972.