Neurobehavior in humans and its role in Alzheimer’s Disease

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ABSTRACT

To review literature that explores Alzheimer’s Disease through neurobehavior and observe therapeutic benefits of memory fitness clinics for palliative care in seniors with AD.

OBJECTIVES

- To understand how neurobehavior works in clinical practice.
- To review the literature of AD prognosis with respect to psychosocial factors.
- To assess the impact of neurobehavioral assessments on quality of life for patients with AD.
- To observe the impact of music therapy on the quality of life for patients with AD.

METHODS

- Interview with seniors and caregivers.
- Observation of seniors attending memory fitness center.
- Neurobehavioral assessment with SENSI (Battery for Sensory Input).
- Memory Fitness Center program.
- Music Therapy.

DISCUSSION

- The analysis of neurobehavior literature suggests that there is an association between cognitive impairment and olfactory dysfunction.
- Music therapy may be useful in diagnosing AD in research and clinical practice.
- Future directions include standardizing use of neurobehavioral assessments for a wider range of neurologic dysfunction.

REFERENCES


CONCLUSIONS

Future directions include:

- Standardized use of neurobehavioral assessments for a wider range of neurologic dysfunction.
- Comparing the cognitive status and olfactory function of individuals who have AD and attend a memory fitness center with individuals who have AD and do not attend a memory fitness center.
- Performing a longitudinal study of therapeutic benefits of attending a memory fitness center with a yearly follow-up and repeated neurobehavioral assessments.

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