

QUALITY OF LIFE ASSESSMENT IN PEOPLE WITH DEMENTIA

Therapeutic area	Psychology
Sponsor	Participants (\$80/£60 for the participation; guidance and assessments are free)
Title	The quality of life assessment in people with dementia
Indication	Users are people with dementia
Type of study	Non-Interventional
Investigators	Psychologists
Treatment duration	3 months with 1 month follow up
Study population	Males and females, at any age, diagnosed with dementia (any type and at any stage).
Study design	<p>The COSMA therapy intervention will be introduced in the dementia community. The users will purchase COSMA.</p> <p>In the beginning baseline questionnaires will be administered on day 1 of the study. Participants will be required to play COSMA games, alone or with the help of a home member at least 4 days a week for a minimum of 20 minutes compulsorily, for 3 months.</p> <p>The baseline questionnaires will be measured again at an interval of 1 month along with Carers' mental health upto 4 months.</p>
STUDY AIMS	<ul style="list-style-type: none"> • To evaluate the benefits of COSMA for people with cognitive impairments and their carers/family members. • To improve the cognitive, emotional, behavioral and quality of life in adults with dementia.
STUDY OBJECTIVES	<ul style="list-style-type: none"> • To improve the cognitive, emotional, behavioral aspects, and providing longer and better quality of life in dementia and pre-dementia patients. • To assess the mental well-being of the carers/family members while the dementia patients play the COSMA. • To improve Care Management by improving both carer/family members and patient benefits.



INCLUSION CRITERIA	<ul style="list-style-type: none"> • MCI, early or mild diagnosis of any type of dementia • Males and females • Above 50 years old • Ability to verbally communicate • Being able to use a tablet or willing to learn
EXCLUSION CRITERIA	<ul style="list-style-type: none"> • Serious primary visual impairments i.e. partial blindness • Subjects who are mentally unable to comprehend the responsibilities of the study and play ~4 days a week for 3 months • Serious sensory and motor impairments that might suppress subjects' ability to play the COSMA games
STUDY OUTCOME MEASURES	<p>Emotional questionnaires:</p> <ol style="list-style-type: none"> 1. Positive and negative affect scale 2. Depression, anxiety, stress scales 3. Apathy Evaluation Scale <p>Behavioural questionnaires:</p> <ol style="list-style-type: none"> 1. Edinburgh Feeding Evaluation in Dementia Questionnaire 2. The Blessed dementia scale as a screening test for dementia 3. Functional activities questionnaire <p>Quality of life questionnaires:</p> <ol style="list-style-type: none"> 1. Bath Assessment of Subjective Quality of Life in Dementia 2. Quality of Life in Alzheimer's Disease 3. Alzheimer's Disease-related Quality of Life scale <p>Cognitive tests:</p> <ol style="list-style-type: none"> 1. Clock drawing test 2. Controlled Oral Word Association Test <p>Carers Questionnaire:</p> <ol style="list-style-type: none"> 1. Depression, anxiety, stress scales
DATA CAPTURING	<ul style="list-style-type: none"> • COSMA Cognitive Scores and individual tracking on emotion, behaviour and quality of life • Carers' Mental well-being

