

The effects of music therapy on improving quality of life in Huntington's Disease patients

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON29508

Source

Nationaal Trial Register

Health condition

Huntington's Disease advanced stage
Ziekte van Huntington gevorderd stadium

Sponsors and support

Primary sponsor: Leids Universitair Medisch Centrum
Neurology Dept.
R.A.C. Roos, Head of Dept., supervisor

Source(s) of monetary or material Support: Jacques and Gloria Gossweiler Foundation, Switzerland

Intervention

Outcome measures

Primary outcome

The primary outcome measure is the Behaviour Observation Scale Huntington (BOSH).

Secondary outcome

The secondary outcome measure is the Problem Behaviours Assessment-short version (PBA-s).

Study description

Background summary

A single-blind randomized controlled intervention trial (RCT) is proposed to test the propositions and hypotheses. Sixty (60) Patients will be randomised using centre-stratified block-permuted randomization. Patients will be allocated to the music therapy group or the control group. Both groups will receive 16 treatments. Patients are recruited from 4 long term care facilities in The Netherlands.

Study objective

Huntington's Disease (HD) is a progressive, neurodegenerative, autosomal dominant disease characterized by motor - and psychiatric disturbances, and cognitive decline. These changes often result in decline of the expressive and communicative skills, especially in the advanced stage of the disease. In practice this loss of communication results in behavior problems. Improving these skills might lead to change in behavior problems and a better quality of life. Music therapy may be a good non-pharmaceutical intervention to improve the communicative skills.

Study design

Assessments will take place within a week before the first intervention (baseline assessment), and will be repeated within a week after the 8th and again within a week after the 16th intervention. A follow up assessment will take place 12 weeks after the last session (week 28).

Intervention

Two random groups will be created. The experimental group ($n = 30$) will be offered a music therapy program, and the control group ($n = 30$) will participate in regular recreational day activities and will be offered under the exact same circumstances as the music therapy sessions. Participants from both the experimental and the control group are not allowed to receive (regular) music therapy outside the study. A total of 16 sessions once a week will be offered to both groups.

Contacts

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Eligibility criteria

Inclusion criteria

- Age older than 18 years
- Clinically and genetically confirmed -Huntington's Disease (CAG > 36 repeats)
- Total Functional Capacity (TFC) of ≤ 7

Exclusion criteria

- Patients who suffer from other neurological disorders
- Patients with poor comprehension of the Dutch language
- patients who have received music therapy in the past 3 months
- patients with a hearing impairment

Study design

Design

Study type: Interventional

Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	25-06-2014
Enrollment:	60
Type:	Anticipated

Ethics review

Positive opinion	
Date:	15-11-2014
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL4699
NTR-old	NTR4904
Other	METC, LUMC Leiden : P 14.038

Study results

Summary results

Accepted (publication date January 2015):

"The effect of music therapy for patients with Huntington's disease: A systematic literature review"

In: Journal of Literature and Art Studies, Vol.5 - 1