

Effectiviteit van de Melodic Intonation Therapy (MIT).

Gepubliceerd: 19-08-2009 Laatste bijgewerkt: 18-08-2022

MIT leads to improved verbal communication in aphasic patients with severe output disorders.

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON28581

Bron

Nationaal Trial Register

Verkorte titel

MIT

Aandoening

aphasia
verbal apraxia

afasie
verbale apraxie

Ondersteuning

Primaire sponsor: Rijndam revalidatiecentrum
Rotterdam, the Netherlands

Overige ondersteuning: Stichting Rotterdams Kinderrevalidatie Fonds Adriaanstichting

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

CIU's/minute on the Sabadel:

1. CIU (correct information units): Words in the patients' production that are adequate, comprehensible, relevant, and informative in relation to the target story;

2. In the Sabadel task, the examiner reads a story to the patient. The story is supported by pictures. The patient's task is to retell the story, while looking at the pictures.

Toelichting onderzoek

Achtergrond van het onderzoek

Background:

Aphasic patients with limited verbal output often show beneficial effect of singing on language production. The MIT was devised to use this capacity in the treatment of aphasia. It uses the melodic aspects of language, such as rhythm and intonation. Many case studies have reported spectacular results after MIT. At the moment, there is level III evidence for MIT, mainly for the chronic phase.

Aim:

Establish a higher level of evidence for MIT, both for the chronic phase and for the post-acute phase, when aphasia treatment is regularly provided. Further, it will be investigated whether the efficacy of MIT depends on patient characteristics, such as age, gender, location and size of the lesion, and severity of the aphasia.

Doel van het onderzoek

MIT leads to improved verbal communication in aphasic patients with severe output disorders.

Onderzoeksopzet

1. T1 (before treatment):

Assessments: Sabadel, repetition of trained and untrained items, AAT, ANELT, PALPA 45 (word comprehension);

2. T2 (after 6 weeks of treatment):

Assessments: Sabadel, repetition of trained and untrained items, AAT, ANELT, PALPA 45 (word comprehension);

3. T3 (after 12 weeks):

Assessments: Sabadel, repetition of trained and untrained items, AAT, ANELT, PALPA 45 (word comprehension).

Onderzoeksproduct en/of interventie

Melodic Intonation Therapy (MIT):

Language production therapy in which the melodic aspects of language (rythm, intonation) are used to train the production of sentences. MIT is given for 6 weeks, 5 hour per week.

Non-MIT (control condition in post-acute group):

Comprehension and production of written sentences. In the control condition, therapy is also given for 6 weeks, 5 hours per week.

No treatment (control condition in chronic group): No individual treatment for 6 weeks. Participation in group treatment (1 time per week) is allowed.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Aphasia after LH stroke;
2. Time post onset: 2-3 months (post-acute group) or > 1 year (chronic group);
3. Native speaker of Dutch;
4. Candidate for MIT:
 - A. Nonfluent (< 50 words per minute);
 - B. Severe restriction of repetition (AAT subscore repetition <75 and AAT subtest repetition of sentences <11);
 - C. Articulation problems (AAT spontaneous speech score articulation <3);
 - D. Good to moderate auditory comprehension (functional comprehension >5 and AAT subtest auditory comprehension > 32).
5. Age: 18-80 years;
6. Right-handed.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Severe hearing deficit;
2. Premorbid dementia;
3. Recent psychiatric history.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Enkelblind
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	01-10-2009
Aantal proefpersonen:	80
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies	
Datum:	19-08-2009
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL1850
NTR-old	NTR1961
Ander register	(I) METC Erasmus MC Rotterdam, (II) Stichting Rotterdams Kinderrevalidatie Fonds Adriaanstichting : (I) MEC-2009-182, (II) 07.08.31-2007/0168
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A