

# MoodRadar DAVID

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON19964

### Source

Nationaal Trial Register

### Brief title

DAVID

### Health condition

challenging behavior\_stress\_problem\_behavior  
automation\_of\_vigilance tasks  
ambulatory\_electrocariography\_monitoring  
mental\_disability

## Sponsors and support

**Primary sponsor:** De Twentse Zorg Centra

Universiteit Twente

**Source(s) of monetary or material Support:** Zorgkantoor Menzis regio Enschede

De Twentse Zorg Centra

Universiteit Twente

## Intervention

## Outcome measures

### Primary outcome

Impact of challenging behavior (frequency X severity)

Level of experienced caretaker stress

## **Secondary outcome**

User experiences caretaker in working with smartphone app

## **Study description**

### **Background summary**

Mood radar-DAVID is an aid in aiming caretaker attention to the clients - at times that the physiological arousal of the client significantly changes- in order to enhance sensitive awareness in client-caretaker relationships. announcing client arousal changes will allow a window of opportunity to arise to adjust caretaker attitude in order to prepare for or to prevent challenging behavior from escalating or occurring at all through existing intervention techniques. It also aims to enhance feelings of predictability and diminish stress in the caretaker. In this pilot study effects of working with the MRD feedback system will be explored through three separate single case intervention studies.

### **Study objective**

Implementing real time feedback on physiological arousal from the client to the caretaker will improve predictability on outbursts of challenging behavior

### **Study design**

Daily evaluation of effects

### **Intervention**

MoodRadar-DAVID smartphone application which gives real time bio feedback to the caretaker in four risk categories on the possible occurrence of challenging behavior

## **Contacts**

### **Public**

Oldenzaalsestraat 134

M.E. Laroy

Losser 7581 PW

The Netherlands

### **Scientific**

Oldenzaalsestraat 134  
M.E. Laroy  
Losser 7581 PW  
The Netherlands

## Eligibility criteria

### Inclusion criteria

Occurence of challenging behavior. scoring a CEP 3 or 4 (Kramer 1995)

### Exclusion criteria

Medication use which severely and directly influence arousal (long term benzodiazepines)

## Study design

### Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

### Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-04-2014
Enrollment:	3
Type:	Anticipated

## Ethics review

Positive opinion

Date: 17-03-2014

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	NL4222
NTR-old	NTR4471
CCMO	NL46166.044.13

## Study results

### Summary results

Noordzij, M.L., Scholten, P., Laroy-Noordzij, M.E. (2012) Measuring electrodermal activity of both individuals with severe mental disabilities and their caretakers during episodes of challenging behavior. Measuring behavior.