# The effect of vibration therapy on bowel stimulation in elderly patients with dementia - a pilot study

Submission date	Recruitment status	Prospectively registered
28/09/2007	No longer recruiting	Protocol
Registration date	Overall study status	Statistical analysis plan
28/09/2007	Completed	Results
Last Edited	Condition category	Individual participant data
24/01/2018	Digestive System	Record updated in last year

# Plain English summary of protocol

Not provided at time of registration

## Contact information

#### Type(s)

Scientific

#### Contact name

Mrs Lesley Haig

#### Contact details

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Leicestershire Partnership NHS Trust
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# Additional identifiers

Protocol serial number N0081063466

# Study information

Scientific Title

The effect of vibration therapy on bowel stimulation in elderly patients with dementia - a pilot study

#### **Study objectives**

To examine the claim that vibration, when used regularly over a period of months can help to restore normal bowel function to persons needing medical intervention for severe constipation.

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Not provided at time of registration

#### Study design

Randomised controlled cross-over pilot study

#### Primary study design

Interventional

#### Study type(s)

Treatment

#### Health condition(s) or problem(s) studied

Digestive System: Constipation

#### **Interventions**

Randomised controlled cross-over trial over twelve months. Vibration therapy will be administered via vibration pads and the effects assessed for each participant for six months with the intervention in place, and six months when it is not offered. Vibration therapy will involve patients using the pads 3 times a week for 40 minute sessions.

Group 1: Vibration for 6 months then no intervention

Group 2: No intervention, then vibration for 6 months.

#### Intervention Type

Other

#### Phase

**Not Specified** 

#### Primary outcome(s)

- 1. Frequency of bowel movement
- 2. Enema/laxative use for participants
- 3. Recording of adverse effects

#### Key secondary outcome(s))

Not provided at time of registration

#### Completion date

14/12/2005

# **Eligibility**

#### Key inclusion criteria

Long-stay elderly patients (at least 20) on selected ward/nursing home areas who have moderate to severe dementia and who have constipation requiring regular laxative therapy.

#### Participant type(s)

**Patient** 

#### Healthy volunteers allowed

No

#### Age group

Senior

#### Sex

**Not Specified** 

#### Key exclusion criteria

- 1. Failure to give consent
- 2. Withdrawn if therapy too distressing
- 3. Withdrawn if too ill to continue

#### Date of first enrolment

01/02/2000

#### Date of final enrolment

14/12/2005

#### Locations

#### Countries of recruitment

**United Kingdom** 

England

# Study participating centre Elderly Directorate

Leicester United Kingdom LE5 0TD

# Sponsor information

#### Organisation

# Funder(s)

### Funder type

Government

#### Funder Name

Leicestershire Partnership NHS Trust (UK)

# **Results and Publications**

Individual participant data (IPD) sharing plan

#### IPD sharing plan summary

Not provided at time of registration

#### **Study outputs**

Output type Details Date created Date added Peer reviewed? Patient-facing?

Participant information sheet Participant information sheet 11/11/2025 11/11/2025 No Yes