ISRCTN35316120 https://doi.org/10.1186/ISRCTN35316120

The effect of flicker stimulation of peripheral visual field on short-term recall.

Submission date 30/09/2004	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 30/09/2004	**Overall study status** Completed	
Last Edited 14/07/2009	**Condition category** Signs and Symptoms	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N0176135497

Study information

Scientific Title

Study objectives

To test if flicker can enhance short-term recall in older people. To test if any flicker effects on short term recall are frequently-specific.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Other

Health condition(s) or problem(s) studied
Signs and Symptoms: Memory

Interventions
Randomised trial. The intervention is learning and recall of words. A flicker machine will occur on light emitting diodes, the randomisation will be the flicker frequencies. It is thought that specific frequencies (near 10Hz) will enhance recognition and lower and higher frequencies will not.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
The endpoints of the study will be recognition of words that participants saw during the learning phase. We will test if particular frequencies of flicker that occurred in the learning phase enhance recognition.

Key secondary outcome(s))
Not provided at time of registration

Completion date
28/02/2005

Eligibility

Key inclusion criteria
50 healthy people, 50 patients

Participant type(s)

Patient

Healthy volunteers allowed
No

Age group
Senior

Sex
All

Key exclusion criteria
Does not match inclusion criteria

Date of first enrolment
19/12/2003

Date of final enrolment
28/02/2005

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
OPTIMA
Oxford
United Kingdom
OX2 6HE

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Oxford Radcliffe Hospitals 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?
Results article	results	05/03/2006		Yes	No