

# The efficacy of homoeopathic potassium phosphate for mental fatigue

<b>Submission date</b> 25/06/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 01/09/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 23/05/2013	<b>Condition category</b> Signs and Symptoms	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Dr Michael Emmans Dean

**Contact details**  
Department of Health Sciences  
University of York  
Seebohm Rowntree Building  
University Road  
York  
United Kingdom  
YO10 5DD

## Additional identifiers

### Study information

**Scientific Title**  
A randomised placebo-controlled trial of homoeopathic potassium phosphate 6x for mental fatigue

**Study objectives**  
That a homeopathic specific used in the treatment of attentional problems will improve performance on an attention test.

## **Ethics approval required**

Old ethics approval format

## **Ethics approval(s)**

Health Services Research Governance Committee (HSRGC) of the University of York approved on the 13th March 2007. As this trial did not involve any patients, it did not have to go through the National Health Service ethics system.

## **Study design**

Randomised placebo-controlled cross-over trial

## **Primary study design**

Interventional

## **Study type(s)**

Treatment

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

Mental fatigue

## **Interventions**

Intervention: a single homeopathic dose of 0.6 g lactose powder, medicated with Kali-phos 6x (in 90% ethanol/water solution)

Control: identical placebo consisting of 0.6 g lactose powder, treated with unmedicated 90% ethanol/water solution

Treatment consisted of a single dose, crossed over at the same time on the same day one week later. There was no follow-up.

## **Intervention Type**

Drug

## **Phase**

Not Applicable

## **Drug/device/biological/vaccine name(s)**

Potassium phosphate

## **Primary outcome(s)**

Accuracy on the Stroop-colour-word test of executive function, measured 10 minutes after medication (at the same time on the same day one week apart).

## **Key secondary outcome(s)**

No secondary outcome measures

## **Completion date**

01/09/2007

## **Eligibility**

**Key inclusion criteria**

1. Healthy staff and student volunteers, aged 19 to 62 years, either sex
2. Recruited from within the University of York
3. Reporting fatigue from mental work

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

1. Current use of homeopathy for any condition
2. Current prescribed stimulant medication
3. Use of self-prescribed stimulants (e.g. caffeine-based products) during the study
4. Chronic fatigue
5. Unable to communicate in English

**Date of first enrolment**

01/06/2007

**Date of final enrolment**

01/09/2007

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre**

Department of Health Sciences

York

United Kingdom

YO10 5DD

**Sponsor information**

## Organisation

University of York (UK)

## ROR

<https://ror.org/04m01e293>

## Funder(s)

### Funder type

Government

### Funder Name

Department of Health (UK) - National Coordinating Centre for Research Capacity Development, Post-Doctoral Fellowship in Complementary Medicine

## 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?
<a href="#">Results article</a>	results	01/10/2012		Yes	No