

# An online remote psychological intervention to sustain and promote people's wellbeing

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		<input type="checkbox"/> Protocol
<b>Registration date</b> 16/07/2021	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 04/08/2021	<b>Condition category</b> Mental and Behavioural Disorders	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

The 'Psychology And yoU: Self-Enhancement programme' (PAUSE) programme aims to support and promote psychological well-being. It has been developed in the context of the COVID-19 pandemic, where effective and evidence-based remote interventions are needed. The PAUSE programme will provide users with valuable tools and skills that they may choose to implement in their daily lives, in order to foster and support positive mental well-being. The programme includes six modules: Well-being and Happiness; Healthy Body and Mind; Being Grateful and Savouring Life; Thought and Action; Strengthening Relationships; and Overcoming Challenges. The aim of this study is to find out whether people who engage with the PAUSE project will have increased psychological well-being after completing the 6-week programme, over a treatment-as-usual group of healthy individuals.

### Who can participate?

Healthy volunteers aged over 18 years, recruited using media outlets, social media, and professional networking websites in Ireland

### What does the study involve?

Participants are randomly allocated to either the PAUSE programme or a wait-list control group. Assessments are conducted before and after intervention, and at 6-weeks follow-up, each of which will take about 20 minutes. Following the 6-week period, participants in the waiting-list control group will be given access to the PAUSE programme.

### What are the possible benefits and risks?

It is possible that a person's psychological well-being may improve over time as a result of taking part in this trial. The researchers do not anticipate any significant risks arising from taking part in this study.

### Where is this study run from?

University College Dublin (Ireland)

### When is the study starting and how long is it expected to run for?

May 2020 to September 2022

Who is funding this study?  
Health Research Board (Ireland)

Who is the main contact for this study?  
Dr Tom Burke  
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## Contact information

**Type(s)**  
Scientific

**Contact name**  
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## Additional identifiers

**Clinical Trials Information System (CTIS)**  
Nil known

**Protocol serial number**  
Nil known

## Study information

**Scientific Title**  
A remote self-directed psychological intervention for the public: the PAUSE project

**Acronym**  
PAUSE

**Study objectives**  
It is hypothesised that people who engage with the PAUSE project will have increased psychological well-being after completing the 6-week programme, over a treatment-as-usual group of healthy individuals.

**Ethics approval required**  
Old ethics approval format

**Ethics approval(s)**

Approval pending, University College Dublin Research Ethics Committee

## **Study design**

Randomized controlled trial

## **Primary study design**

Interventional

## **Study type(s)**

Quality of life

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

Improving psychological well-being in the general public

## **Interventions**

This study adopts a Groups X Time design with participants being randomly assigned to either an intervention or wait-list control group. Assessments are conducted before and after the intervention and at 6-weeks follow-up to evaluate the efficacy of the PAUSE programme among an Irish cohort. It will be explained to participants that there are three different assessment time points, each of which will take approximately 20 minutes (baseline, immediate follow-up, and 6 weeks post-intervention). The programme's modules will also be sequential, therefore a participant will not be able to engage with the next module until a previous module is complete, incorporating theoretical principles of gamification i.e., "You've unlocked Module 2". Following completion of the six modules, participants will complete the immediate post-intervention measures, and complete them again at 6 weeks. Following this 6-week period, the application will be fully available to the user should they wish to return to the programme at their own leisure. At this point, participants in the waiting-list control group will be given access to the PAUSE programme. Principal investigator involvement occurred with the design of this study, inclusive of authorship, with collaboration continuing throughout.

The PAUSE programme is a research-informed and evidence-based psychological intervention in which positive psychology exercises are used for self-development (Carr, 2019). The programme is remotely delivered through a smartphone app, with a range of strategies being used to enhance well-being and optimize mood management and self-regulation skills through six core modules: Well-being and Happiness; Healthy Body and Mind; Being Grateful and Savouring Life; Thought and Action; Strengthening Relationships; and Overcoming Challenges.

The PAUSE programme allows users to interact with module-specific content and to engage interactively with activities within 30–45-minute guided modules. These app delivered modules are similar in content and duration to clinical sessions. The PAUSE programme incorporates a series of exercises to be completed between module sessions, which can act as both a workbook and reflective practice. For ease of engagement, the app includes reminders, prompts, and notifications that support the completion of specific exercises. Notifications are automatically generated and are not sent if participants have completed exercises. Participants are also invited to rate their general mood and well-being prior to completing each exercise (1-10; where 10 equates to excellent) and again after. This provides immediate feedback on the impact of module-related exercises on well-being.

Randomisation will be a 2:1 experimental to control ratio with random sequence generation used to allocate participants. The groups will be blinded to the researcher conducting the statistical outcomes.

## **Intervention Type**

Behavioural

## **Primary outcome(s)**

1. Subjective well-being will be measured using the World Health Organisation-5 wellbeing scale (WHO-5) at baseline, immediately following intervention (6 weeks later), and at follow-up (6 weeks thereafter)
2. Depression, Anxiety, and Stress will be measured using the Depression, Anxiety, Stress Scale (DASS-21) at baseline, immediately following intervention (6 weeks later), and at follow-up (6 weeks thereafter)
3. The Impact of Events Scale -Revised (IES-R) will be used to measure post-traumatic stress at the follow-up phase (12 weeks after beginning the intervention/treatment as usual)

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

1. The Brief Illness Perception Questionnaire (BIPQ) will assess cognitive and emotional appraisals of COVID-19 at baseline, immediately following intervention (6 weeks later), and at follow-up (6 weeks thereafter)
2. The Brief Cope Inventory will measure psychological coping styles at baseline, immediately following intervention (6 weeks later), and at follow-up (6 weeks thereafter)
3. The Posttraumatic growth inventory will measure psychological growth resulting from the COVID-19 pandemic at baseline, immediately following intervention (6 weeks later), and at follow-up (6 weeks thereafter)

## **Completion date**

01/09/2022

## **Eligibility**

### **Key inclusion criteria**

1. Over the age of 18 years
2. Living in Ireland
3. Read an information leaflet and give consent prior to engaging with the programme
4. Have access to a technological device/smartphone for intervention purposes

### **Participant type(s)**

Healthy volunteer

### **Healthy volunteers allowed**

No

### **Age group**

Adult

### **Lower age limit**

18 years

### **Sex**

All

### **Key exclusion criteria**

Does not meet the inclusion criteria

**Date of first enrolment**

01/09/2021

**Date of final enrolment**

01/02/2022

## **Locations**

**Countries of recruitment**

Ireland

**Study participating centre**

University College Dublin

Belfield

Dublin

Ireland

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## **Sponsor information**

**Organisation**

University College Dublin

**ROR**

<https://ror.org/05m7pjf47>

## **Funder(s)**

**Funder type**

Government

**Funder Name**

Health Research Board

**Alternative Name(s)**

Health Research Board, Ireland, An Bord Taighde Sláinte, HRB

**Funding Body Type**

Government organisation

## Funding Body Subtype

National government

## Location

Ireland

# Results and Publications

## Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study will be stored in a publically available repository.

Numerical anonymised outcome data will be stored within the data repository to be sought from SpringerNature; data will be made available upon request to the Principal Investigator with no time or usage restrictions. Participants are informed and consent to this process. A link will be provided to the data repository when available.

## IPD sharing plan summary

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Participant information sheet</a>	version 1	05/04/2021	04/08/2021	No	Yes