

Can a resilience intervention (Bounce Back) improve children's mental health?

Submission date 19/03/2020	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 20/03/2020	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 04/01/2021	Condition category Mental and Behavioural Disorders	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Background and study aims

The rates of mental health problems in children and young people (CYP) are estimated to be much higher than previously thought, with two in five CYP reporting increased symptomatology. Poor mental health has been connected to poor developmental outcomes, such as lower academic achievement, poor peer and school relationships, and lower well-being. Cost-effective and feasible interventions are thus urgently needed for the improvement of mental health outcomes and promotion of wellbeing in CYP. Schools are considered an ideal setting for the monitoring and promotion of mental health, given how much time CYP spend in these. The current study thus aims to assess the effectiveness of the Bounce Back (BB), a group-based intervention program delivered in schools. BB aims to improve pupil understanding of resilience and wellbeing, provide practical skills to make positive behaviour changes, support pupils to build their confidence and friendships. These outcomes are hoped to support a positive transition to secondary school.

Who can participate?

Young people in Years 5 or 6 attending primary schools in Newham that implement the BB intervention reporting at least one indicator of emerging mental health difficulty (a mild or moderate emotional, behavioural, attention, or relationship difficulty).

What does the study involve?

Primary schools in Newham are randomly allocated into one of two groups:

1. Participate in Bounce Back (BB) during the 2019 Autumn term
2. Be part of a waitlist comparison group who will participate in BB in 2020 Spring-Summer term

The Bounce Back programme is delivered for one hour per week for 10 weeks.

What are the possible benefits and risks of participating?

There are no known risks/disadvantages of completing the intervention. There are no guaranteed benefits, however, most people find taking part in research projects rewarding, as it may help to improve services for young people, and to find out about things that may benefit other people in the future.

Where is the study run from?

London Borough of Newham Children's Health and HeadStart Newham CYPS (UK)

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

May 2019 to October 2020

Who is funding the study?

National Lottery Community Fund (UK)

Who is the main contact?

Prof Neil Humphrey (scientific)

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Study website

<https://www.headstartnewham.co.uk/activities/bounceback-newham/>

Contact information

Type(s)

Scientific

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Public

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Additional identifiers

EudraCT/CTIS number

Nil known

IRAS number

ClinicalTrials.gov number

Nil known

Secondary identifying numbers

Nil known

Study information

Scientific Title

Bounce Back: Randomized trial of a brief, school-based group intervention for children with emergent mental health difficulties

Study objectives

The principal questions of the current study are:

RQ1. What is the impact of BounceBack Newham intervention on participants' self-reported emotional (Me and My Feelings) scores?

RQ2. What is the impact of BounceBack Newham intervention on participants' self-reported behavioural (Me and My Feelings) scores?

RQ3. What is the impact of BounceBack Newham intervention on participants' self-reported self-esteem (SRS-Self-esteem) scores?

RQ4. What is the impact of BounceBack Newham intervention on participants' self-reported problem solving skills (SRS-Problem-solving) scores?

RQ5. Is the impact of BounceBack Newham intervention on the above outcomes moderated by attendance rates?

RQ6. Is the impact of BounceBack Newham intervention on the above outcomes sustained over time?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approved 28/05/2019, UCL Research Ethics Committee (Office of the Vice-Provost (Research) University College London, Taviton St, London, WC1E 6BT, UK; +44 (0)20 7679 8717; ethics@ucl.ac.uk), ref: 6299/004

Study design

Waitlist cluster randomized controlled trial

Primary study design

Interventional

Secondary study design

Cluster randomised trial

Study setting(s)

School

Study type(s)

Quality of life

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Child mental health

Interventions

A sample of 24 primary schools in Newham are randomly allocated into one of two groups:

1. Participate in Bounce Back (BB) during the 2019 Autumn term
2. Be part of a waitlist comparison group who will participate in BB in 2020 Spring-Summer term

Randomization took place at the school level and was balanced on year group (5 vs. 6).

Dose: Weekly 1-hour facilitated group activities

Duration: One school term (10 weeks)

How it is administered: Young people work as a group, which is facilitated by a Youth Practitioner, to identify and learn about 10 different life areas and how these link to maintaining wellbeing and emotional resilience. Using an action learning approach, "plan, do, review", each participant sets a personal behaviour change challenge each week and rates their progress towards achieving it. Participants are provided with a workbook to guide their learning.

Intervention Type

Behavioural

Primary outcome measure

Emotional symptoms, measured using the Me and My Feelings at baseline and 10-weeks

Secondary outcome measures

At baseline and 10-weeks:

1. Behavioral problems measured using the Me and My Feelings tool
2. Self-esteem measured using the Student Resilience Survey
3. Problem-solving skills measured using the Student-Resilience Survey

Overall study start date

24/01/2019

Completion date

31/10/2020

Eligibility

Key inclusion criteria

1. Attending primary schools in Newham that implement the BB intervention
2. In Years 5 or 6
3. Reporting at least one indicator of emerging mental health difficulty (a mild or moderate emotional, behavioural, attention, or relationship difficulty) as assessed by the professional recommending or themselves
4. Following receipt of recommendation, 1:1 screening between young person and youth practitioner to determine level of difficulty and willingness to take part in BB

Participant type(s)

Other

Age group

Child

Sex

Both

Target number of participants

25 schools (390 children)

Total final enrolment

326

Key exclusion criteria

1. Returned a parental opt-out
2. Currently under the care of CAMHS

Date of first enrolment

01/05/2019

Date of final enrolment

31/05/2019

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

London Borough of Newham Children's Health and HeadStart Newham CYPs

3rd Floor East Wing Newham Dockside

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Sponsor information

Organisation

Anna Freud Centre

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Sponsor type

Charity

Website

<http://www.annafreud.org/>

ROR

<https://ror.org/0497xq319>

Funder(s)

Funder type

Charity

Funder Name

National Lottery Community Fund

Alternative Name(s)

Big Lottery Fund

Funding Body Type

Private sector organisation

Funding Body Subtype

Other non-profit organizations

Location

United Kingdom

Results and Publications

Publication and dissemination plan

Planned publication in a peer-reviewed journal.

Intention to publish date

31/05/2020

Individual participant data (IPD) sharing plan

The current data sharing plans for this study are unknown and will be available at a later date.

IPD sharing plan summary

Data sharing statement to be made available at a later date

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	08/08/2020	11/08/2020	Yes	No