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

| Submission date | Recruitment status | Prospectively registered |
|-------------------|----------------------------------|-----------------------------|
| 19/03/2020 | No longer recruiting | ☐ Protocol |
| Registration date | Overall study status | Statistical analysis plan |
| 20/03/2020 | Completed | [X] Results |
| Last Edited | Condition category | Individual participant data |
| 04/01/2021 | Mental and Behavioural Disorders | |

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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Contact information

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Scientific

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Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

ClinicalTrials.gov (NCT)

Nil known

Protocol serial number

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

Study type(s)

Quality of life

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(s)

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

Key secondary outcome(s))

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

Completion date

31/10/2020

Eligibility

Kev 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 themself
- 4. Following receipt of recommendation, 1:1 screening between young person and youth practitioner to determine level of difficultly and willingness to take part in BB

Participant type(s)

Other

Healthy volunteers allowed

No

Age group

Child

Sex

All

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

United Kingdom

England

Study participating centre

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

3rd Floor East Wing Newham Dockside 1000 Dockside Road London United Kingdom E16 2QU

Sponsor information

Organisation

Anna Freud Centre

ROR

https://ror.org/0497xq319

Funder(s)

Funder type

Charity

Funder Name

National Lottery Community Fund

Alternative Name(s)

Big Lottery Fund, TNLcommunityfund, TNLComFund, The National Lottery Community Fund

Funding Body Type

Private sector organisation

Funding Body Subtype

Other non-profit organizations

Location

United Kingdom

Results and Publications

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 |
| Participant information sheet | Participant information sheet | 11/11/2025 | 11/11/2025 | No | Yes |
| Study website | Study website | 11/11/2025 | 11/11/2025 | No | Yes |