

# Evaluation of the Teaching Recovery Techniques plus Parenting, a Cluster Randomised Controlled Trial in Ukrainian Schools in Ternopil (TRUST)

<b>Submission date</b> 13/03/2023	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 28/04/2023	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 26/03/2024	<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

Children exposed to war-related trauma are at significant risk of developing mental health problems, such as symptoms of post-traumatic stress disorder (PTSD). The aim of this study is to evaluate a community-based intervention called 'Teaching Recovery Techniques Plus Parenting' (TRT+P) for Ukrainian children experiencing PTSD symptoms.

### Who can participate?

All schools in Ternopil will be invited to take part in the study. All parents will receive information about the study with an opt-out consent option prior to the screening with CRIES-8. Children are eligible to participate if all of the following criteria are satisfied at the time of randomisation:

1. The child is aged 8 to 13 years old
  2. The child screens positive on the Children's Revised Impact of Event Scale (CRIES-8) PTSD screening tool ( $\geq 17$  points)
  3. The child is interested in participating in a group intervention
  4. The legal guardian does not object to participation and a parent or other primary caregiver wishes to participate
  5. The participating caregiver has not taken part in another parenting programme in the past 12 months
  6. Children have not taken part in a trauma recovery intervention in the last 12 months
- All children that meet this criteria will be included, except children with high risk to self or others, as judged by school psychologists.

### What does the study involve?

Schools will be randomly allocated to one of the two possible groups: the intervention group will be offered the TRT+P programme and the waitlist-control group will receive services as usual, followed by the TRT+P programme around 20 weeks later. Outcome data will be collected at three points: pre-intervention (T1), post-intervention (T2; about 8 weeks after randomisation)

and follow-up (T3; about 20 weeks after randomisation). The objective is to evaluate whether the TRT+P programme influences child mental health, specifically symptoms of post-traumatic stress, in comparison to similar children who only receive services as usual. TRT+P -trained 'group leaders' (school psychologists) will deliver the intervention; two group leaders deliver each group. The study will primarily measure changes in self-reported child mental health, specifically symptoms of PTSD. Parenting and carers' symptoms of PTSD will also be measured. Outcome data will be collected using a secure online platform (Google Forms). It is estimated the CRIES-8 and demographic questionnaire will take around 10 minutes.

What are the possible benefits and risks of participating?

Young people and parents/carers will help researchers better understand the effectiveness of the intervention for young people experiencing PTSD symptoms and could help TRT+P be rolled out to other young people impacted by the recent war. The participants may become distressed during the intervention and/or completing outcome measures. Participants will be signposted to appropriate support by trained clinicians and research team members.

Where is the study running from?

The host institution is Queen Mary, University of London (UK). The study will be based in Ternopil (Ukraine).

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

December 2022 to December 2025

Who is funding the study?

Queen Mary, University of London (UK)

Other funding options are currently being considered.

Who is the main contact:

Dennis Ougrin, d.ougrin@qmul.ac.uk

## Contact information

### Type(s)

Principal investigator

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## Additional identifiers

### Clinical Trials Information System (CTIS)

Nil known

### Protocol serial number

Nil known

## Study information

### Scientific Title

Evaluation of the Teaching Recovery Techniques plus Parenting, a Cluster Randomised Controlled Trial in Ukrainian Schools in Ternopil (TRUST)

### Acronym

TRUST

### Study objectives

Current study hypothesis as of 23/11/2023:

The objective of the trial is to evaluate whether the Teaching Recovery Techniques Plus Parenting (TRT+P) programme influences child mental health, specifically symptoms of post-traumatic stress, in comparison to similar children who only receive services as usual.

Previous study hypothesis:

The objective of the trial is to evaluate whether the Teaching Recovery Techniques Plus Parenting (TRT+P) programme influences child mental health, specifically symptoms of post-traumatic stress, anxiety and depression, in comparison to similar children who only receive services as usual.

### Ethics approval required

Ethics approval required

### Ethics approval(s)

approved 21/11/2024, Ethics committee of Volodymyr Ternopil National Pedagogical University (2, Maksyma Kryvonosa St, Ternopil , 46000, Ukraine; +38(0352)43-58-80; pk@tnpu.edu.ua), ref: None provided

### Study design

Cluster randomized controlled trial

### Primary study design

Interventional

### **Study type(s)**

Treatment

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

Young children screening positive for PTSD.

### **Interventions**

A cluster randomized controlled trial will be conducted in which schools will be randomly allocated using an open-source randomization platform to one of the two possible arms: the intervention arm (generating n = 113 children) will be offered the TRT+P programme and the waitlist-control arm (n = 113) will receive services as usual, followed by the TRT+P programme around 20 weeks later.

The intervention is 5 weeks long. Outcome data will be collected at three points: pre-intervention (T1), post-intervention (T2; about 8 weeks after randomisation) and follow-up (T3; about 20 weeks after randomisation).

### **Intervention Type**

Behavioural

### **Primary outcome(s)**

Parent-reported or self-reported child mental health, specifically symptoms of PTSD measured using the Children's Revised Impact of Event Scale (CRIES-8) at three points: pre-intervention (T1; baseline), post-intervention (T2; c. 8 weeks after randomisation) and follow-up (T3; c. 20 weeks after randomisation)

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

Current secondary outcome measures as of 23/11/2023:

There are no secondary outcome measures

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Previous secondary outcome measures:

All outcome data will be collected at three points: pre-intervention (T1; baseline), post-intervention (T2; c. 8 weeks after randomisation) and follow-up (T3; c. 20 weeks after randomisation):

1. Symptoms of anxiety measured using the Screen for Childhood Anxiety-Related Disorders (SCARED) five-item version
2. Depression measured using the Depression Self-Rating Scale for Children (DSRS)
3. Parenting measured using the Parenting and Family Adjustment Scale (PAFAS)
4. Carers' symptoms of PTSD measured using the Impact of Events Scale Revised (IES-R)
5. Depression, anxiety and stress among carers measured using the Depression Anxiety and Stress Scale (DASS 21)

### **Completion date**

30/12/2025

# Eligibility

## Key inclusion criteria

1. The child is aged 8 to 13 years old
2. The child screens positive on the Children's Revised Impact of Event Scale (CRIES-8) PTSD screening tool ( $\geq 17$  points)
3. The child is interested to participate in a group intervention
4. The legal guardian does not object to participation and a parent or other primary caregiver wishes to participate
5. The participating caregiver has not taken part in another parenting programme in the past 12 months
6. Children have not taken part in a trauma recovery intervention in the last 12 months

## Participant type(s)

Other

## Healthy volunteers allowed

No

## Age group

Child

## Lower age limit

8 years

## Upper age limit

13 years

## Sex

All

## Key exclusion criteria

Severe mental health disorders requiring specialist treatment

## Date of first enrolment

01/02/2024

## Date of final enrolment

01/09/2025

# Locations

## Countries of recruitment

Ukraine

## Study participating centre

Hnatiuk National Pedagogical University  
2, Maksyma Kryvonosa St

Ternopil  
Ukraine  
46000

## Sponsor information

### Organisation

Queen Mary University of London

### ROR

<https://ror.org/026zzn846>

## Funder(s)

### Funder type

University/education

### Funder Name

Queen Mary University of London

### Alternative Name(s)

Queen Mary Uni of London, Queen Mary, Queen Mary and Westfield College, The London Hospital Medical College, St Bartholomew's Hospital Medical College, Westfield College, East London College/Queen Mary College, QMUL, QM

### Funding Body Type

Government organisation

### Funding Body Subtype

Universities (academic only)

### Location

United Kingdom

## Results and Publications

### Individual participant data (IPD) sharing plan

The datasets generation during and/or analysed during the current study are not expected to be made available due to confidentiality issues.

### IPD sharing plan summary

Not expected to be made available

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Participant information sheet</a>	in Ukrainian		23/11/2023	No	Yes
<a href="#">Protocol file</a>			22/03/2023	No	No
<a href="#">Protocol file</a>	version 1.2		23/11/2023	No	No