

Peer support for people with severe mental illness: a pragmatic multicentre randomised controlled trial

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| Submission date 30/09/2019 | Recruitment status No longer recruiting | <input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol |
| Registration date 30/10/2019 | Overall study status Completed | <input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results |
| Last Edited 04/11/2025 | Condition category Mental and Behavioural Disorders | <input type="checkbox"/> Individual participant data |

Plain English summary of protocol

Background and study aims

Peer support is an established intervention involving a person in recovery from mental illness being engaged to offering support to others with mental illness. There are significant gaps in the evidence base for peer support in low-/middle-income and in non-Anglophone countries. Building upon comprehensive formative research, UPSIDES-RCT will explore the implementation and effectiveness of peer support delivered in a range of high-, middle- and low-income country contexts. Main objectives are: (1) To evaluate the outcomes of delivering peer support, for service users, peer support workers and organisations, through a multi-centre pragmatic parallel-group randomised controlled trial and additional qualitative methods. (2) To assess the value for money of peer support for persons with severe mental illness, by carrying out a cost-effectiveness study. (3) To evaluate the process of implementing the UPSIDES peer support intervention, with special attention to differences in context across the study sites, using both quantitative and qualitative methods with peer support workers, service users, mental health workers and wider stakeholders

Who can participate?

Adults (18 -60 years) with mental illness

What does the study involve?

Participation in UPSIDES-RCT means that participants will meet with an UPSIDES research worker four times over one year (every four months) to give him/her general information about themselves (e.g. age, gender, family situation, work) and about their mental health problems. These interviews will last for about 1 1/2 hours each. This is a randomised controlled trial which means that, if they consent to participation, participants will be allocated per chance (50:50) to the intervention or control group. If they are allocated to the intervention group, they will receive UPSIDES peer support. This service will be provided by a trained UPSIDES peer support worker who has also experienced mental ill health and will support their recovery. If they are allocated to the control group, their participation will involve data as-sessment as described above. As this is a waiting list design, control group participants will receive the intervention in one year

What are the possible benefits and risks of participating?

Participants will be asked questions on their health and mental health during our four meetings in one year. Four meetings will require their time as per interview schedule. This could potentially place a burden on participants. If they are allocated to the intervention group, participants will receive the intervention immediately. If they are in the control group, they will receive the intervention in one year. See participant information sheet at <https://www.upsides.org/wp-content/uploads/UPSIDES-RCT-informed-consent-forms.pdf> for further information

Where is the study run from?

Ulm University, Germany

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

January 2020 to July 2022

Who is funding the study?

1. European Union Horizon 2020
2. Indian Council for Medical Research

Who is the main contact?

Prof. Bernd Puschner,
bernd.puschner@bkh-guenzburg.de

Contact information

Type(s)

Public

Contact name

Prof Bernd Puschner

ORCID ID

<https://orcid.org/0000-0002-2929-4271>

Contact details

Ulm University, Department of Psychiatry II
Section Process-Outcome-Research
Reisensburger Str. 32
Günzburg
Germany
89312
+49 8221 962866
bernd.puschner@bkh-guenzburg.de

Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

ClinicalTrials.gov (NCT)

Nil known

Protocol serial number

Nil known

Study information

Scientific Title

Peer support for people with severe mental illness versus usual care: a pragmatic multicentre randomised controlled trial

Acronym

UPSIDES-RCT

Study objectives

The aim of UPSIDES-RCT is to explore the implementation and effectiveness of peer support delivered in a range of high-, middle- and low-income country contexts. The main objectives are:

1. To evaluate the outcomes of delivering peer support, for service users, peer support workers and organisations, through a multi-centre pragmatic parallel-group randomised controlled trial (UPSIDES-RCT) and additional qualitative methods.

2. To assess the value for money of peer support for persons with severe mental illness, by carrying out a cost-effectiveness study.

3. To evaluate the process of implementing the UPSIDES peer support intervention, with special attention to differences in context across the study sites, using both quantitative and qualitative methods with PSWs, service users, mental health workers and wider stakeholders.

Ethics approval required

Old ethics approval format

Ethics approval(s)

1. Approved 21/08/2019, Ulm University Ethics Commission (Room 1.03, Helmholtzstraße 20 [Oberer Eselsberg], 89081 Ulm, Germany; +49 (0) 731 500-22050; ethik-commission@uni-ulm.de), ref: 254/19

2. Approved 02/03/2018, Indian Law Society (ILS Law College Campus, Chiplunkar Road, Pune - 411 004, India; +91 (0)20-25656780; deepapaturkar@ilslaw.in), ref: ILS/37/2018

3. Approved 01/09/2019, Human Subjects Research Committee of Ben-Gurion University (P.O.B 653, Beer Sheva 84105, Israel; +972 (0)86461932; hsrCommittee@bgu.ac.il), ref: 1787-1

4. Approved 21/05/2019, Uganda National Council for Science and Technology (UNCST) (Plot 6 Kimera Rd, Kampala, Uganda; +256 41 4705500; info@uncst.co.ug), ref: SS 4990

5. Approved 31/01/2020, National Institute for Medical Research, Dar es Salaam, and Ministry of Health, Community Development, Gender, Elderly & Children, Dodoma, Tanzania; +255 (0)26 2963341/42/46; ps@communitydevelopment.go.tz), ref: NIMR/HQ/R.8a/Vol. IX/3328

6. Approved 04/12/2020, Local Psychological Ethics Commission at the Centre for Psychosocial Medicine, Hamburg, Germany; +49 (0)40 7410 5520; skuehn@uke.de); ref: LPEK-0095

Study design

Pragmatic parallel-group multi-centre randomised controlled trial with four measurement points over 1 year (baseline, 4-, 8-, and 12-month follow-up), and embedded process evaluation and cost-effectiveness analysis

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Severe mental illness

Interventions

This is a pragmatic parallel-group multi-centre randomised controlled trial with four measurement points over one year (baseline, 4-, 8-, and 12-month follow-up), and embedded process evaluation and cost-effectiveness analysis.

All participants will receive treatment as usual as provided at the respective study site. Participants allocated to the intervention group will additionally receive the UPSIDES peer support, which is a direct service that is delivered by a person who has personal experience of mental health problems to a person or a group of persons with a serious mental illness. UPSIDES peer support workers will be using these personal experiences, along with UPSIDES training and supervision, to facilitate, guide, and mentor another person's recovery journey. UPSIDES peer support will be delivered for up to six months, with a minimum of three contacts. Weekly or biweekly meetings are recommended, but frequency may vary. The intervention has been developed by all UPSIDES partners, and will be delivered in line with the UPSIDES peer support intervention manual.

Participants will be randomly assigned to either control or intervention group with a 1:1 allocation as per a computer-generated randomisation schedule stratified by site using permuted blocks of random sizes.

Intervention Type

Other

Primary outcome(s)

Social inclusion at t2 (8 months) measured with the Social Inclusion Scale (SIS)

Key secondary outcome(s)

Measured at baseline, 4-, 8-, and 12-month follow-up:

1. Empowerment (Empowerment Scale, ES)
2. Hope (HOPE scale)
3. Recovery (Stages of Recovery, STORI-30)
4. Health and social functioning (Health of the Nations Outcome Scales, HoNOS)

Completion date

30/09/2023

Eligibility

Key inclusion criteria

1. Adult age (18-60 years) at intake
2. Mental disorder of any kind as main diagnosis established by case notes, staff communication or self-label
3. Presence of severe mental illness (Threshold Assessment Grid ≥ 5 points and illness duration

- ≥2 years)
4. Sufficient command of the host country's language
 5. Capable of giving informed consent

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Upper age limit

60 years

Sex

All

Total final enrolment

615

Key exclusion criteria

1. Main diagnosis of learning disability, dementia, substance disorder or organic brain disorder
2. Cognitive impairment severe enough to make it impossible to give informed consent or complete study measures

Date of first enrolment

01/01/2020

Date of final enrolment

30/09/2021

Locations

Countries of recruitment

Germany

India

Israel

Tanzania

Uganda

Study participating centre
Ulm University Department of Psychiatry II
Reisensburger Str. 32
Günzburg
Germany
89312

Study participating centre
University Medical Centre Hamburg- Eppendorf Department of Psychiatry
Martinistraße 52
Hamburg
Germany
20246

Study participating centre
Butabika National Referral Hospital
Butabika Road
Kampala
Uganda
P.O. Box 7017

Study participating centre
Ifakara Health Institute
Plot 463, Kiko Avenue Mikocheni
Dar es Salaam
Tanzania
P.O. Box 78 373

Study participating centre
Ben Gurion University of the Negev, The Charlotte B. and Jack J. Spitzer Department of Social Work
Yitzhack I. Rager Blvd
Beer Sheva
Israel
84105

Study participating centre
Centre for Mental Health Law and Policy, Indian Law Society
Law College Road

Pune
India
411004

Sponsor information

Organisation

University of Ulm

ROR

<https://ror.org/032000t02>

Organisation

University Medical Centre Hamburg-Eppendorf, Department of Psychiatry

Organisation

Butabika National Referral Hospital

Organisation

Ifakara Health Institute, Department of Health Systems, Impact Evaluation and Policy

Organisation

Ben Gurion University of the Negev, The Charlotte B. and Jack J. Spitzer Department of Social Work

Organisation

Centre for Mental Health Law and Policy, Indian Law Society

Funder(s)

Funder type

Government

Funder Name

Horizon 2020

Alternative Name(s)

EU Framework Programme for Research and Innovation, Horizon 2020 - Research and Innovation Framework Programme, European Union Framework Programme for Research and Innovation

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Funder Name

Indian Council for Medical Research

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 publicly available repository.

- Repository name/weblink: <https://oparu.uni-ulm.de/xmlui/>.
- Type of data that will be shared: Fully anonymized aggregated participant data.
- When the data will become available and for how long: After the last publication, scheduled for late 2023, for 10 years. (updated from scheduled for late 2022, for 10 years on 16/09/2022).
- By what access criteria the data will be shared including with whom: Open access, publicly available.
- For what types of analyses and by what mechanism: Open Data Commons (e.g. ODC-ODbl).
- Whether consent from participants was obtained: Only data of participants who have given informed consent will be collected.
- Comments on data anonymization: Only aggregated answers and limited sociodemographic data will be made open access to ensure anonymization.
- Any ethical or legal restrictions: Data sharing in this study will adhere to regulations of all IRB and Ethics Commissions involved. In addition, other regulations of authorities in countries of the study sites, e.g. with regard to data protection, may apply.
- Any other comments: UPSIDES adheres to the Horizon 2020 Pilot on Open Research Data.

IPD sharing plan summary

Stored in publicly available repository

Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|----------------------------------|--|--------------|------------|----------------|-----------------|
| Results article | | 27/06/2025 | 27/06/2025 | Yes | No |
| Protocol article | protocol | 01/05/2020 | 04/05/2020 | Yes | No |
| Other | Methodology development and implementation | 20/01 | 24/01 | | |

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| publications | | /2022 | /2022 | Yes | No |
| Other publications | Qualitative focus group study on the societal and organisational influences on peer support work | 23/05/2023 | 25/08/2023 | Yes | No |
| Other publications | Theory of change implementation map | 18/04/2024 | 22/04/2024 | Yes | No |
| Other publications | Qualitative focus group study on mental health workers experiences | 15/05/2024 | 21/05/2024 | Yes | No |
| Other publications | Development and psychometric evaluation of a SU- and PSW-rated fidelity scale for manualised peer support | 11/10/2024 | 15/10/2024 | Yes | No |
| Other publications | Qualitative findings | 03/11/2025 | 04/11/2025 | 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 |