

# Implementation Science and Evaluation #22: **IMPLEMENTATION OUTCOMES (II)**

## Recap: Poster 21...



Remember: Measuring implementation outcomes is a **critical step in assessing the effectiveness of a programme or intervention**. We can identify areas of improvement for more successful implementation!

I want to figure out whether my anger management programme is going well. How can we **measure** these implementation outcomes?



## LEGEND for the measures:

### Self-Report

Assessments completed by participants (i.e. clients, family, staff)

### Physiological

Objective measures of the reactions/bodily functions of the participants

### Observations

Trained observers record activities using checklists/tools

### Examining records

Systematic records of the organisation's operations

## Appropriateness

The fit and relevance of an intervention

### Measures used:

- Surveys
- Heartbeat variability
- Blood pressure

Before the programme, participants were evaluated for their anger, stress, aggression.



Based on the results, participants with high levels of anger, stress and aggression were deemed more compatible for the programme.

## Feasibility

Extent to which the intervention can be carried out

### Measures used:

- Time/cost/manpower
- Other resources (i.e. therapy rooms)

Feasibility is determined by the amount of resources used.

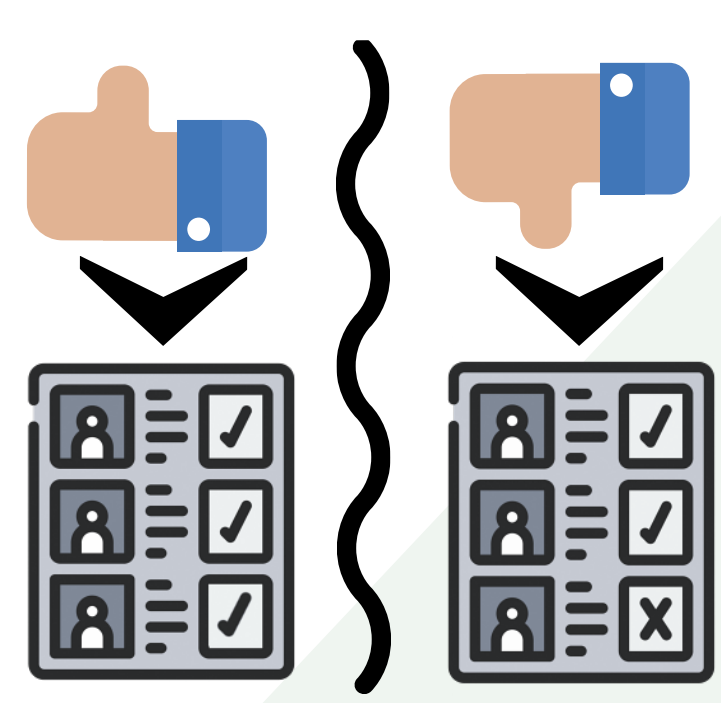
## Acceptability

Participants' satisfaction with the intervention

### Measures used:

- Attendance
- Retention rate

Facilitators tracked session attendance and retention rates.



Participants who found the programme more helpful were more likely to continue attending the sessions.

## Fidelity

Degree to which the intervention is implemented as intended

### Measures used:

- Observation checklists
- Interviews

Observation checklists were done to ensure the facilitators followed the programme as intended.



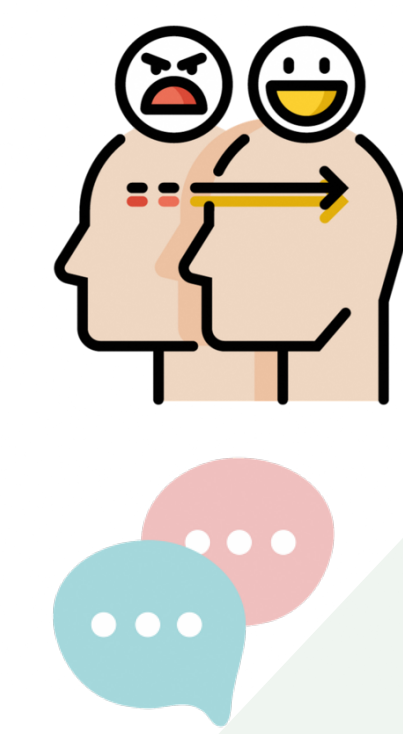
## Adoption

Extent to which participants intended, decided or took action to implement an intervention

### Measures used:

- Questionnaires
- Blood pressure

Participants' anger, stress, aggression levels were reassessed post-program.



Participants showed:

- Reduction in anger and stress
- Better communication and problem-solving skills

These indicate high adoption.

## Penetration

Extent to which the intervention can be used in a given setting

### Measures used:

- Training records (i.e. no. of trained professionals)
- Practitioner records
- Observations

Perform a thorough analysis to assess the program's reach.



Wow! Ister, thanks for explaining the ways to measure implementation outcomes for my programme!

Implementation outcomes help us **determine the success and effectiveness** of the implementation process!

No problem, Eva!



## References:

Proctor, E., Silmere, H., Raghavan, R., Hovmand, P., Aarons, G., Bunger, A., Griffey, R., & Hensley, M. (2011). Outcomes for implementation research: conceptual distinctions, measurement challenges, and research agenda. *Administration and policy in mental health*, 38(2), 65-76. <https://doi.org/10.1007/s10488-010-0319-7>

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