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Community-based psychosocial support to address TB stigma and depression in Indonesia: a prospective interventional cohort study

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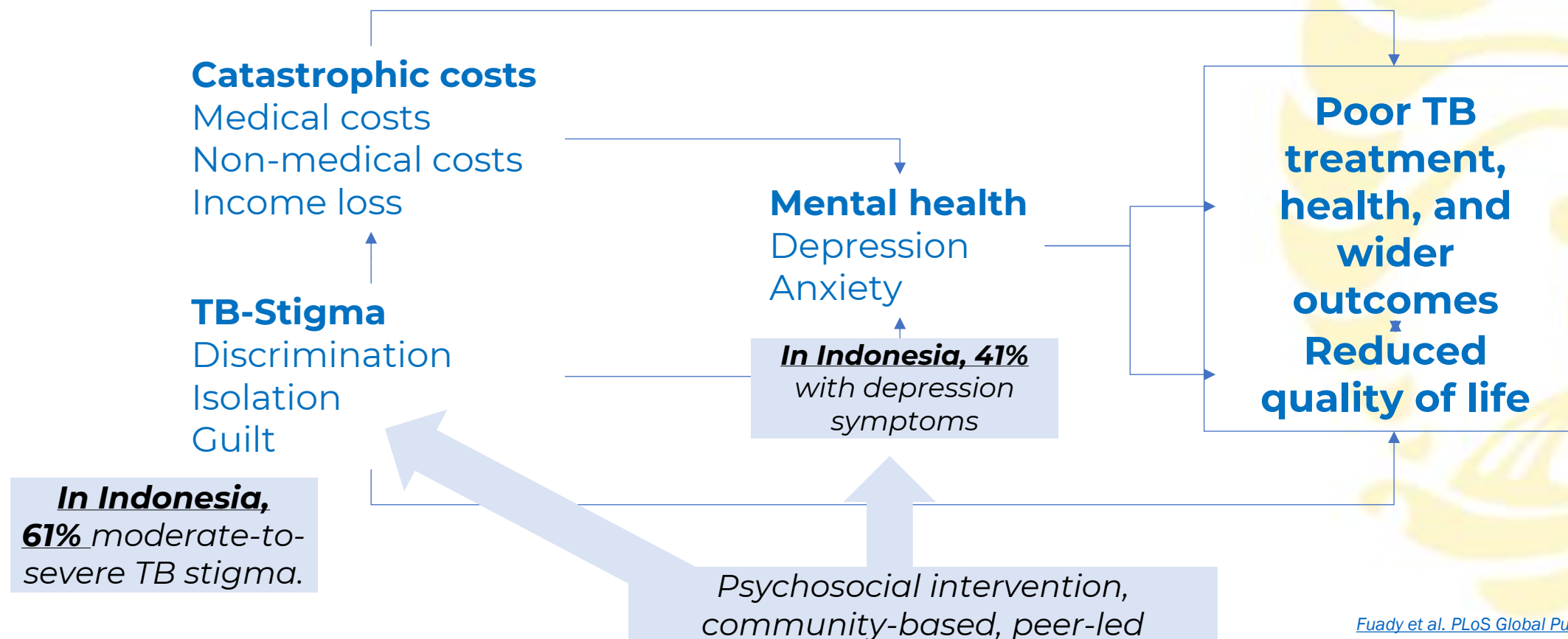
*On behalf of TB-CAPS Team**



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Socioeconomic impact of tuberculosis





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Co-development of intervention to reduce TB-Stigma and depression

TB CAPS: a peer-led, community-based psychosocial support package for Indonesians affected by tuberculosis stigma

Scoping Review

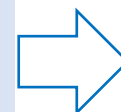
All articles and report documents related to community-based interventions to reduce psychosocial problem of infectious diseases



Delphi Survey and National Participatory Workshop

Shorlisted interventions identified from review

Proposed final intervention



Intervention Module Development

Module Training

Intervention

Evaluation: applicability, replicability, scalability, sustainability

Working with **civil society organisations** (POP-TB, STPI, STPI Penabulu) and **TB survivors; Healthcare Volunteers;** District health Offices, Primary Health Centers, Academics.



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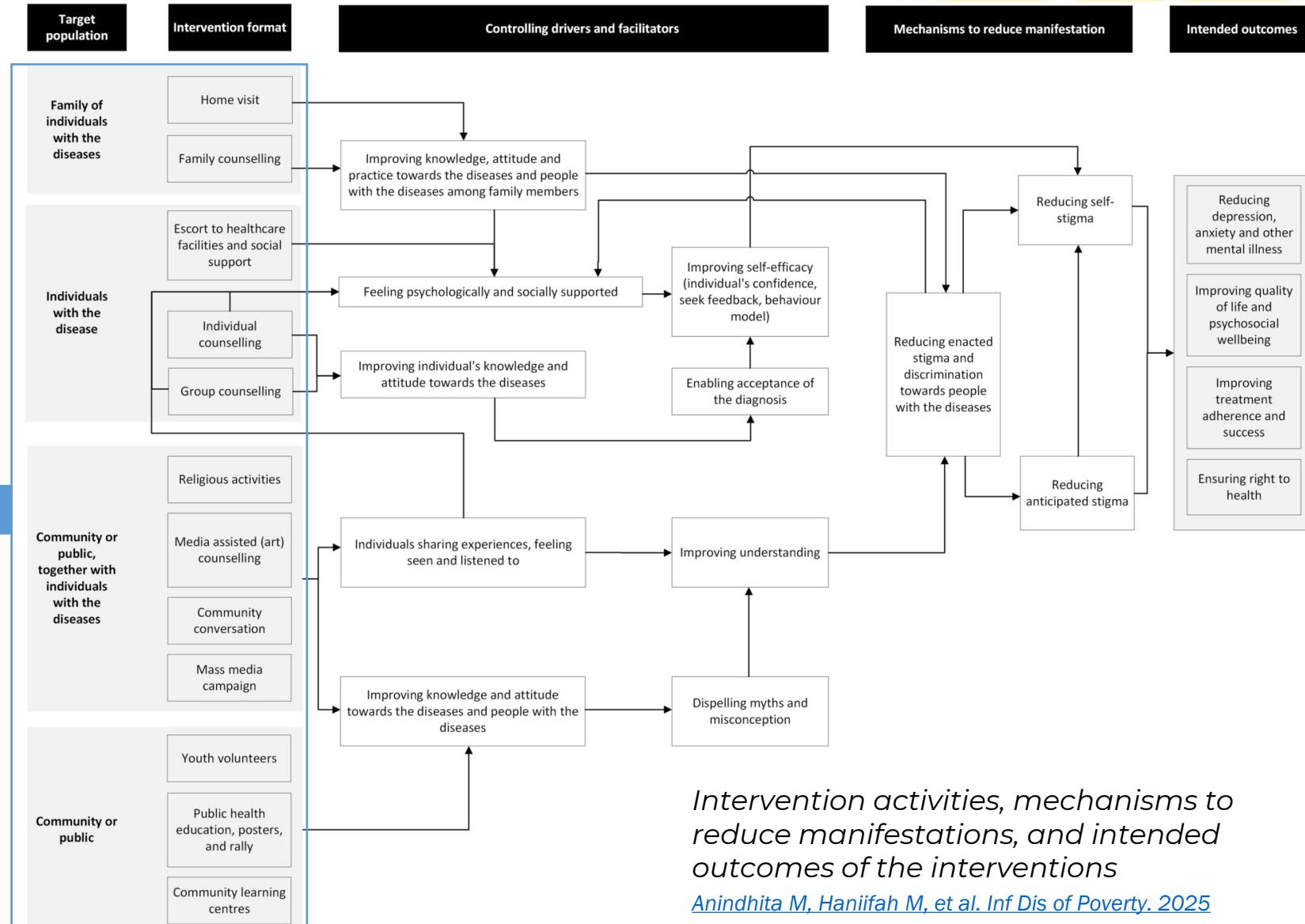
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Community-based interventions to reduce TB-Stigma

National Participatory Workshop

1. Individual counseling
2. Monthly Group counseling
3. Community-based TB Stigma education
4. Personal contact group

Led by peers, TB survivors
Co-led by GP





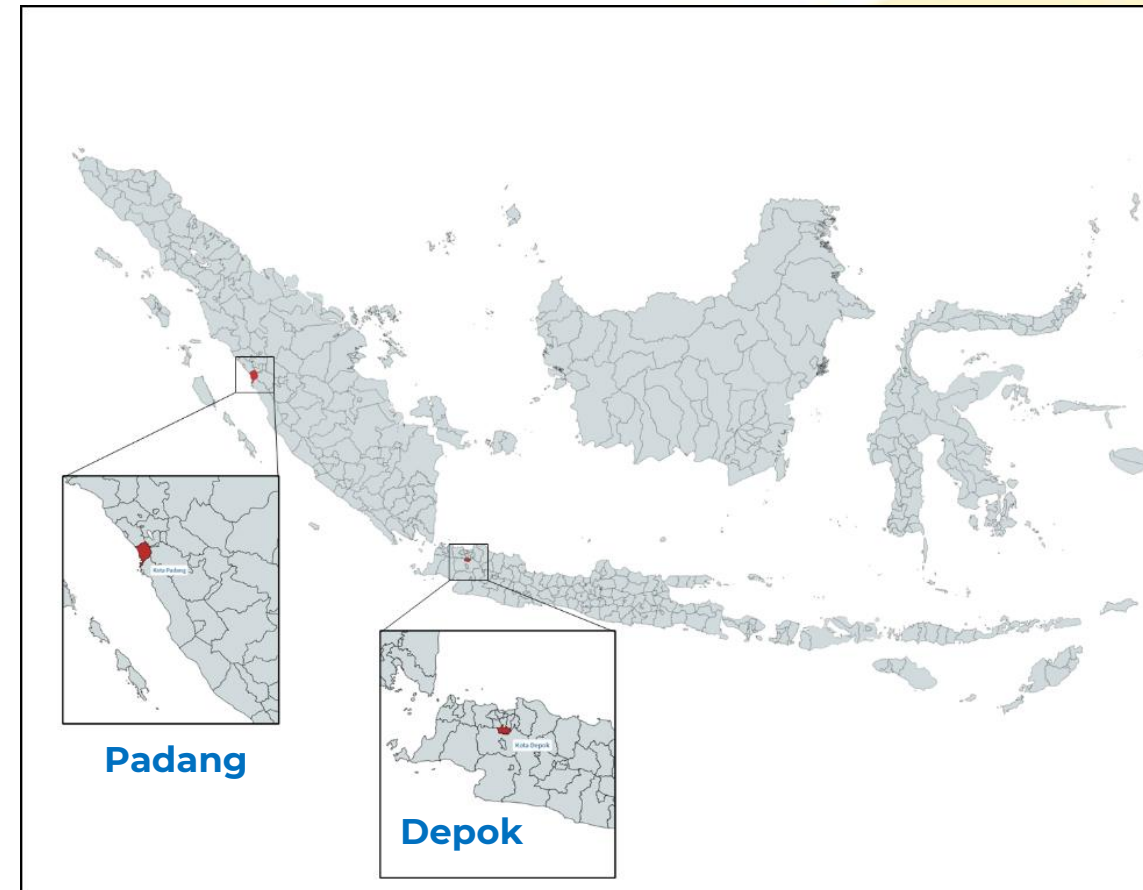
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Study design

Methods:

a non-randomized, single-arm prospective interventional cohort study in two cities in Indonesia



	DS-TB	DR-TB
Depok	PHC Cinere PHC Cilangkap PHC Ratu Jaya	Universitas Indonesia Hospital
Padang	PHC Lubuk Buaya PHC Lubuk Kilangan	M Djamil Hospital

PHC: Primary Health Center



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Study period

Newly diagnosed

136 individuals

Baseline assessment

129 participated
(95%)

Individual
counselling
129 participated
(95%)

Monthly group counselling

Personal contact and group communication

112/129 participated
(97%)

TB Talk in community

Assessment Month 2

110/112
completed
(98%)

Assessment Month 6

109/112
completed
(97%)

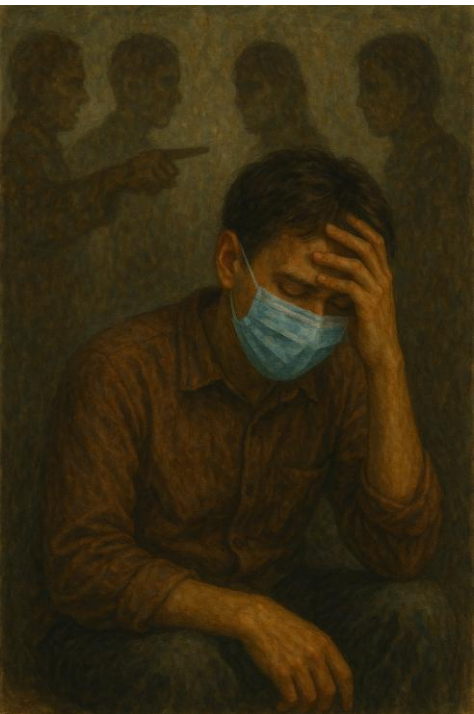
Evaluation

- FGDs, interviews
- Survey on Acceptability, Feasibility, and Applicability
- National participatory workshop



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% People with TB reported at least moderate TB Stigma

69%

Overall

Disclosure: afraid to tell others (41-49%), chose carefully to whom to tell about TB (62-65%)

85%

in Depok

Guilty feeling: becoming a burden for family to take care (49%)

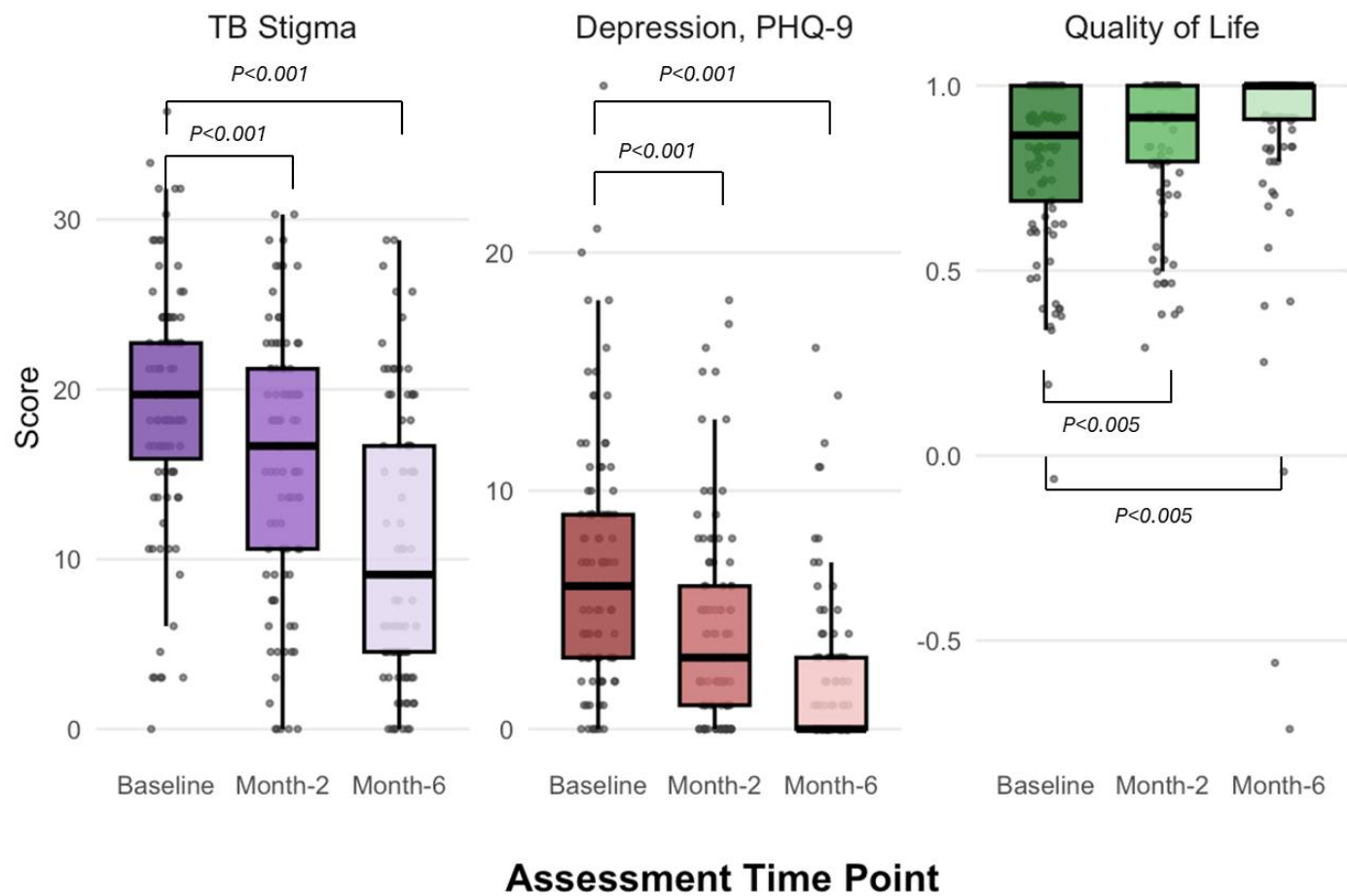
41%

in Padang

Isolation: felt hurt how other react to knowing that they had TB (32%)



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Statistically significant at

	Overall	Depok	Padang
Decreasing TB Stigma	Month-2	Month-2	Month-6
Decreasing Depression Symptoms	Month-2	Month-2	Month-6
Increasing quality of Life	Month-2	Month-2	Month-2

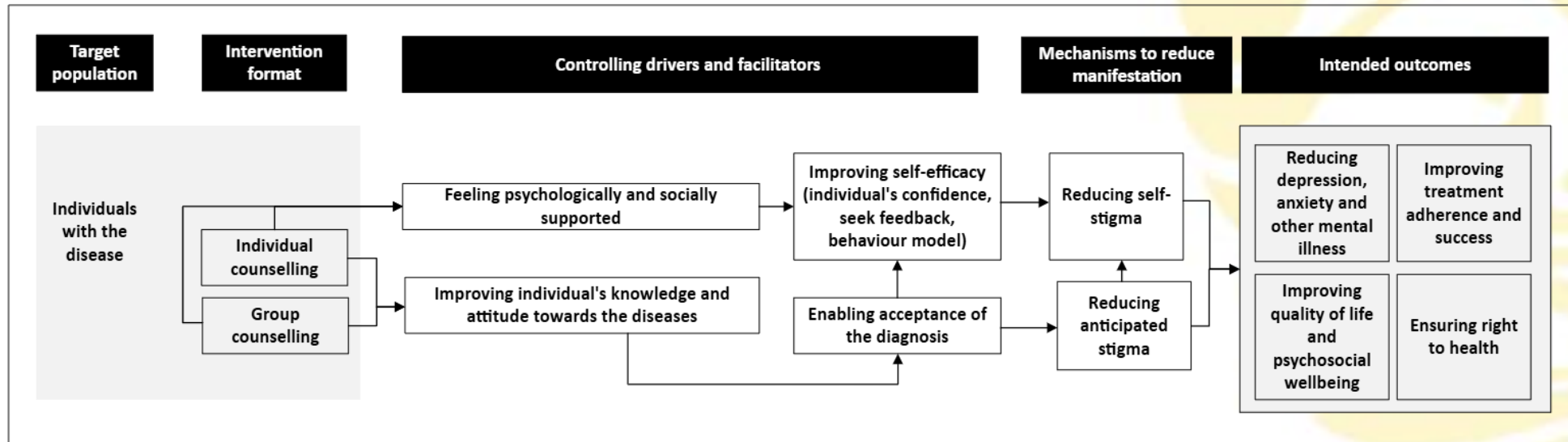


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Did we see the changes in Month-2? Which domain?

Domain	Prevalent TB Stigma items	Baseline	Month-2	Month-6
Disclosure	Not telling people outside family	46%	35%	27%
	Choosing carefully to whom to tell about having TB	64%	52%	49%
Isolation	Feeling hurt by others' react to knowing that I have TB	21%	16%	8%
Guilty	Feel guilty because of being burden of their family	45%	31%	19%



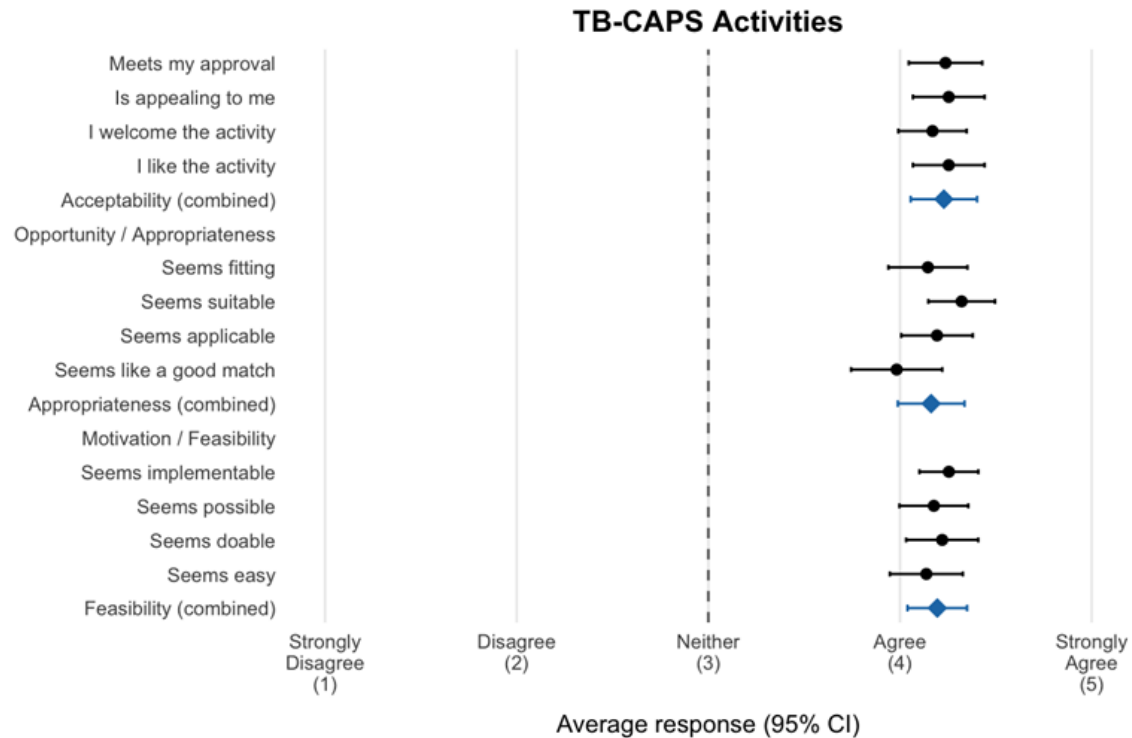


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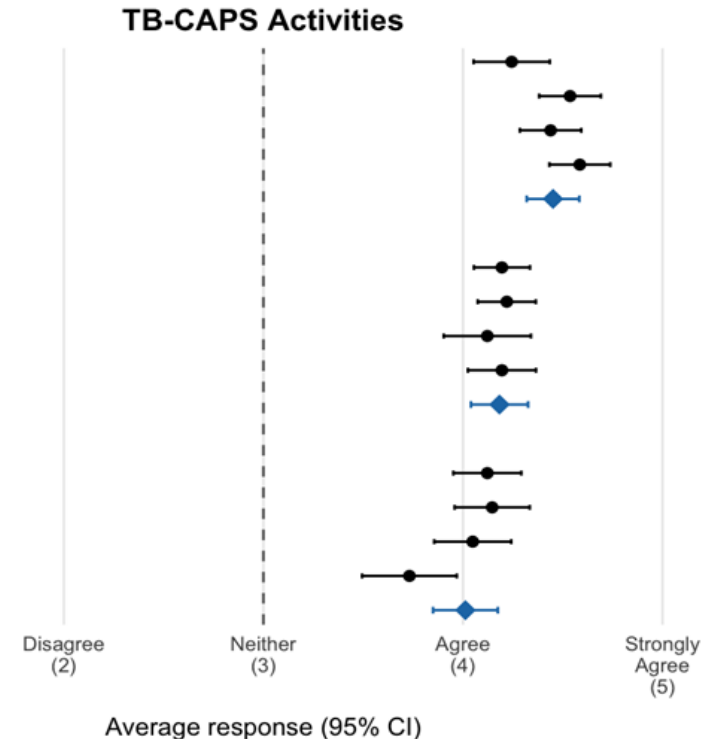
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Acceptability, Appropriateness and Feasibility: overall TB-CAPS

(a) Participants receiving intervention, n= 48/109



(b) Workshop participants, n= 41/41



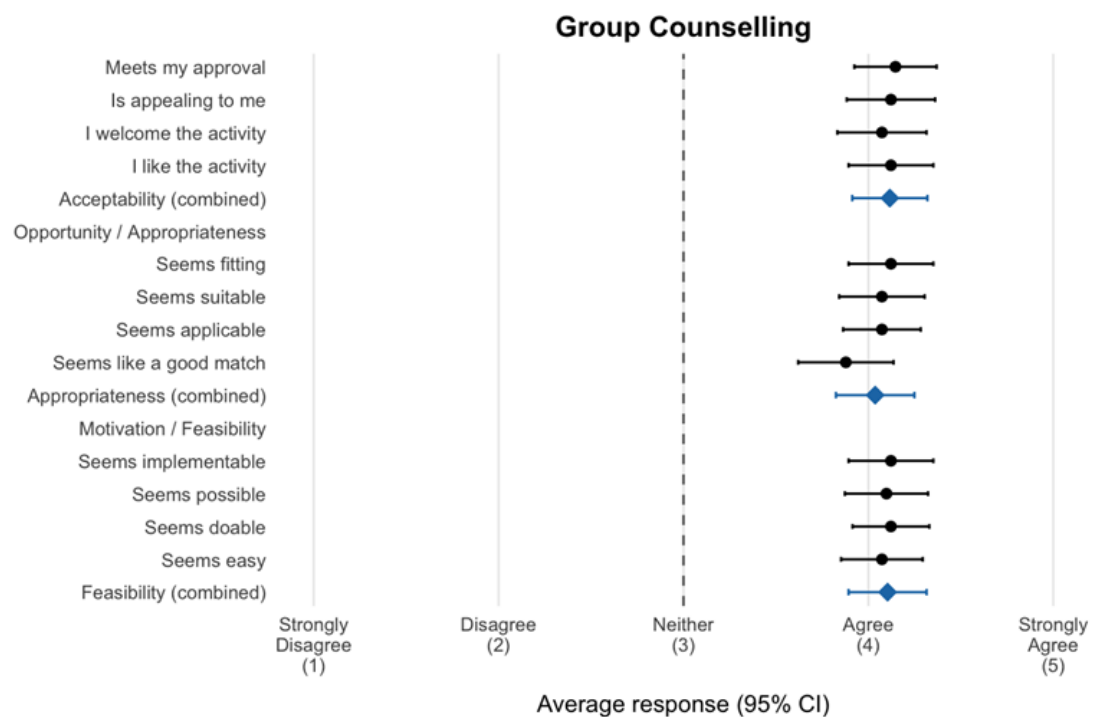


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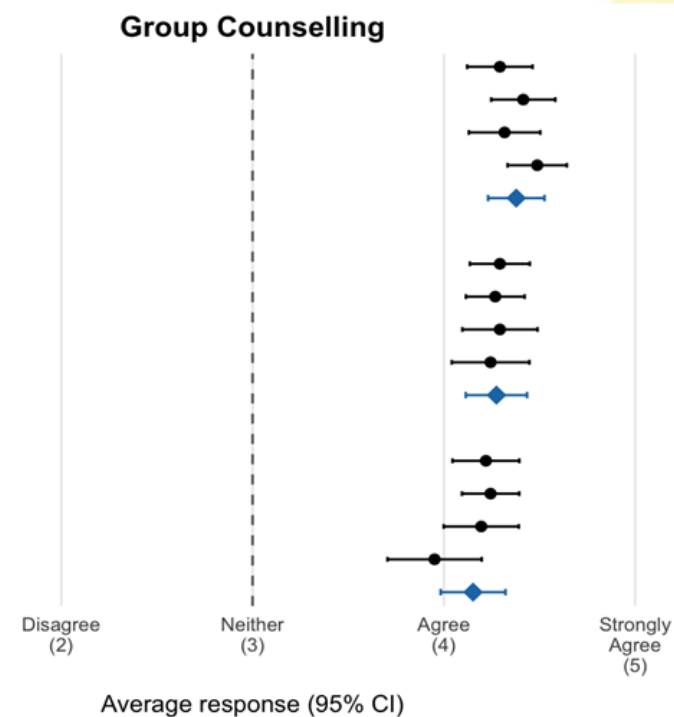
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Acceptability, Appropriateness and Feasibility: Group Counselling

(a) Participants receiving intervention, n= 48/109



(b) Workshop participants, n= 41/41





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TB CAPS Team

Tom Wingfield – Principal Investigator

Ahmad Fuady – Co-Principal Investigator

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Adji Faudzan Rifky

Artasya Karnasih

Feranindhya Agiananda

Finny Fitry Yani

Trevino Aristaskus Pakasi

Adhityawarman Menaldi



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Thank you to:

TB-CAPS Participants in Depok and Padang

Peer supporters as leads of group counselling

General physicians as co-leads

POP-TB, TERJANG and PUSAKO

Head and staff of Puskesmas and Hospitals in Depok and Padang

Head and Tuberculosis Program officers at Depok and Padang City Health Offices

Departemen Ilmu Kedokteran Komunitas FKUI

National Tuberculosis Program, Ministry of Health, Republic Indonesia

JetSet TB Indonesia, Stop TB Partnership Indonesia, STPI-Penabulu, Mentari-TB, LKNU, PPTI, Yayasan KNCV Indonesia, PDSKJI, IAKMI

Pak RT, Pak RW, Ibu Kader

Thank you



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