ADHERENCE SUPPORT INTERVENTIONS FOR KEY MDR-TB/ HIV INFECTED POPULATIONS Dr Boitumelo Seepamore Social work





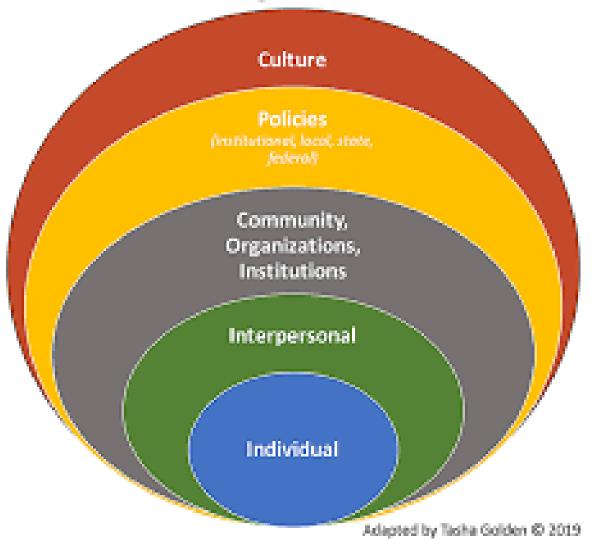








The Social Ecological Model of Health



Disruptions in persons life

Daftary A, Mondal S, Zelnick J, Friedland G, Seepamore B, Boodhram R, Amico KR, Padayatchi N, O'Donnell MR. Dynamic needs and challenges of people with drug-resistant tuberculosis and HIV in South Africa: a qualitative study. Lancet Glob Health. 2021 Apr;9(4):e479-e488. doi: 10.1016/S2214-109X(20)30548-9. PMID: 33740409; PMCID: PMC8009302.

Stage 4: ameliorative strategies

- · Decentralised treatment monitoring
- · Differentiated service delivery, options
- · Side-effects management
- Post-treatment planning and counselling
- · Social protection, income-generation
- · Community and employer awareness programmes

Stage 1: diagnosis and hospitalisation—the first crisis

- Stigmatising treatment (masks, queue)
- Admission to centralised hospital
- · Renunciation of social commitments
- · Fear of the unknown, illness disclosure
- · No information, no notice, no choice

Stage 1: ameliorative strategies

- Pre-test and post-test counselling
- Information on disease, treatment, effects and infection control
- Primary care provider training
- Family engagement
- Social protection for dependents

Stage 4: treatment continuity—no end in sight

- Persisting, unconcealable side-effects
- Fragmented health care

- · Stigma, loss of self worth

- Social obligations, unmet family expectations
- · Financial debt



Stage 2: treatment initiation-displaced and confined

- · Side-effects, pill burden
- Prolonged hospitalisation
- Disconnection from social networks
- · Provider apathy and stigma
- · Fear of dying, witnessing death
- · No information, no mobility, no agency

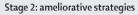
Stage 3: ameliorative strategies

- Early discharge
- · Decentralised treatment monitoring
- Discharge planning and counselling
- · Family engagement
- Social protection for household
- Community awareness programmes



Stage 3: discharge home—reprieve and resurgent disruption

- · Self care, pill burden, pill management
- Side-effects, physical and mental debilitation
- Fragmented health care
- Social obligations, unmet family expectations
- · Financial insecurity
- Stigma (clinic, community, household)

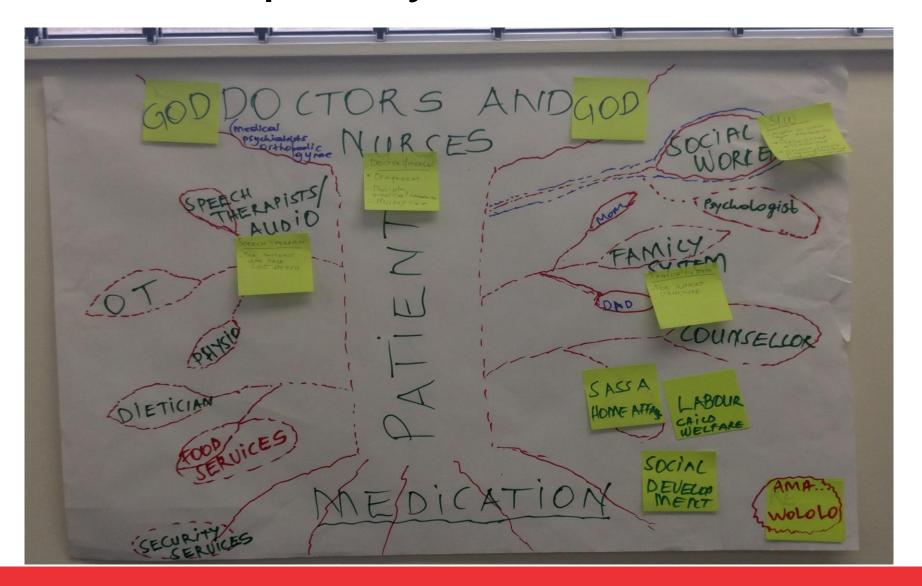


- Information on treatment effects, updates, infectious status, admission time
- Side-effects monitoring and management
- Decentralised hospitalisation
- Connection to peers (groups), family (visits, calls), allied care (social work, mental health)
- Activities, worship or faith practice
- Specialised care provider training
- Social protection for household

Patient centred care

- Respects the values and dignity of patients, recognizes the role of patients as partners in their care and improves treatment outcomes for persons living with HIV and DR-TB.
- Views the person from a holistic and biological, psychological and social perspective
- Requires integrated and coordinated care throughout the treatment journey

Multidisciplinary team – collaboration



Praxis study



Praxis study

MCI

ASG

Mohr, E, Hughes, J, Snyman, L, Beko, B, Harmans, X, Caldwell, J, Duvivier, H, Wilkinson, L, & Cox, V. (2015). Patient support interventions to improve adherence to drug-resistant tuberculosis treatment: A counselling toolkit. *SAMJ: South African Medical Journal*, 105(8), 631-634. https://dx.doi.org/10.7196/SAMJNEW.7803

PATIENT ADHERENCE PLAN Date:	my reminder tools are
MY MOTIVATION TO COMPLETE TREATMENT:	1
1	
	2
2	
ADHERENCE PLAN	3
MY PLAN TO DEAL WITH SIDE EFFECTS IS	HOW DO I PROTECT MY FAMILY FROM TB INFECTION?
1	1
2	
_	2
3	
MY SUPPORTER IS (WHY)	3
1	
	DEALING WITH SUBSTANCE USE/ TRADITIONAL MEDICATION
2	1
3	······ 2. ···········
HOW WILL I REMEMBER TO TAKE MY WEEKEND MEDICATION 1	
1	3
2	
	MANAGING UNPLANNED TRIPS
3	
WHERE WILL I KEEP MY MEDICATION	
1	2
2	
2	3
_	

TREATMENT BARRIERS

SUBSTANCE ABUSE

INFECTION CONTROL

HIV AND TB STIGMA

INTIMACY AND TB MENTAL HEALTH

MANAGING SIDE EFFECTS

TRADITIONAL MEDICINES

TB STIGMA

HIV STIGMA

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