

PROMOTING ADDICTION RECOVERY THROUGH TREATMENT, MUTUAL AID AND OTHER SUPPORTIVE ENVIRONMENTS: LESSONS LEARNED FROM THE REC-PATH PROJECT

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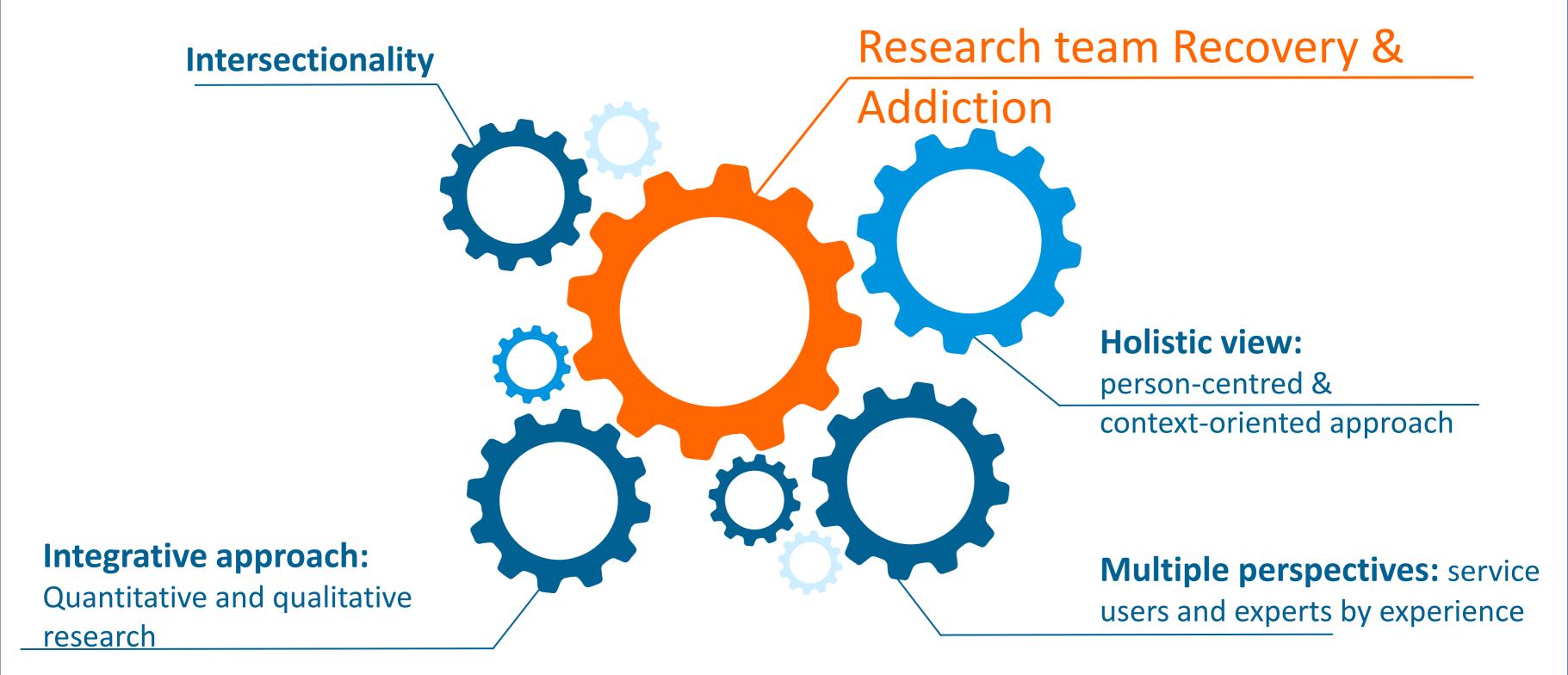


PRESENTATION OUTLINE

- Our research focus
- Recovery?!
- The REC-PATH project
- Other recovery studies
- Some conclusions



THE RESEARCH WE ARE DOING



Measuring capital in active addiction and recovery: The development of the Strengths And Barriers Recovery Scale (SABRS)

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Recovered Users Network

"Personal recovery depends on NA unity": an exploratory study on recoverysupportive elements in Narcotics Anonymous Flanders

Anne Dekkers^{1*}, Sam Vos² and Wouter Vanderplasschen¹

Comparing three stages of addiction recovery: long-term recovery and its relation to housing problems, crime, occupation situation, and substance use

Thomas F. Martinelli, Gera E. Nagelhout, Lore Bellaert, David Best, Wouter Vanderplasschen & Dike van de Mheen

Substitute addictions in the context of the COVID-19 pandemic

DEBORAH LOUISE SINCLAIR^{1,2*}, WOUTER VANDERPLASSCHEN², SHAZLY SAVAHL³, MARIA FLORENCE¹, DAVID BEST⁴ and STEVE SUSSMAN⁵

Review

Recovery capital among migrants and ethnic minorities: A qualitative systematic review of first-person perspectives

Aline Pouille **☑ (i)**, Charlotte De Kock **(i)**, Freya Vander Laenen **(i)** & Wouter Vanderplasschen **(i)**Published online: 02 Nov 2020

Perspectives on addiction recovery: focus groups with individuals in recovery and family members

Anne Dekkers, Clara De Ruysscher and Wouter Vanderplasschen

Department of Special Needs Education, Ghent University, Ghent, Belgium

From monologue to dialogue in mental health care research: reflections on a collaborative research process

Peter Tomlinson & Clara De Ruysscher

Mothering, Substance Use Disorders and Intergenerational Trauma Transmission: An Attachment-Based Perspective

Florien Meulewaeter*, Sarah S. W. De Pauw and Wouter Vanderplasschen

Department of Special Needs Education, Ghent University, Ghent, Belgium

The Concept of Recovery as Experienced by Persons with Dual Diagnosis: A Systematic Review of Qualitative Research From a First-Person Perspective

C. De Ruysscher^a, S. Vandevelde^a, W. Vanderplasschen^a, J. De Maeyer^b, and S. Vanheule^c

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RECOVERY?



RECOVERY?!

"... a voluntarily maintained lifestyle characterized by <u>sobriety</u>, <u>personal</u> <u>health</u> and <u>citizenship</u>".

(Betty Ford Institute Consensus Panel, 2007)

"The process of recovery from problematic substance use is characterized by voluntarily-sustained <u>control</u> over substance use which maximizes <u>health and</u> wellbeing and participation in the rights, roles and responsibilities of <u>society</u>."

(Drug Policy Commission Recovery Consensus Group, UK, 2008)

"... the <u>experience</u> (a process and sustained status) through which <u>individuals</u>, <u>families</u>, <u>and communities</u> impacted by severe alcohol and other drug (AOD) problems utilize internal and external <u>resources</u> to voluntarily resolve these problems, heal the wounds inflicted by AOD-related problems, actively manage their continued vulnerability to such problems, and develop a <u>healthy</u>, <u>productive</u>, and meaningful life."

(White, 2007, p.236)



THE PREVALENCE OF ADDICTION RECOVERY

(BEST ET AL., 2019)

- Sheedy and Whitter (2009) estimated prevalence at 58%, but with marked variability (30% - 72%)
- Recovery prevalence often underestimated
- White (2012) analysed remission rates in a review of 415 scientific studies published between 1868 and 2011:
 - White argues that between 5.3–15.3% of the adult population in the US are in recovery from a substance use disorder (> 25 million people)
 - 49.9% of those with a lifetime substance use disorder will eventually achieve stable recovery (increased to 53.9% in studies published since 2000)



HOW DO PEOPLE RESOLVE A DRUG/ALCOHOL PROBLEM?



Contents lists available at ScienceDirect

Drug and Alcohol Dependence





Full length article

Prevalence and pathways of recovery from drug and alcohol problems in the United States population: Implications for practice, research, and policy



John F. Kelly^{a,*}, Brandon Bergman^a, Bettina B. Hoeppner^a, Corrie Vilsaint^a, William L. White^b

Table 2

Recovery pathway choices of U.S. adults who endorsed "used to have a problem with drugs or alcohol, but no longer do" (9.1% (SE = 0.28)).

Pathway	weighted%	SE
Used support	53.9	1.60
Professionally assisted recovery support (aka formal	27.6	1.43
treatment) (any)		
Outpatient addiction treatment	16.8	1.21
Inpatient or residential treatment	15.0	1.08
Alcohol/drug detoxification services	9.1	0.91
Anti-relapse/craving medication use (any)	8.6	0.93
Recovery support services	21.8	1.40
Mutual-help groups	45.1	1.60

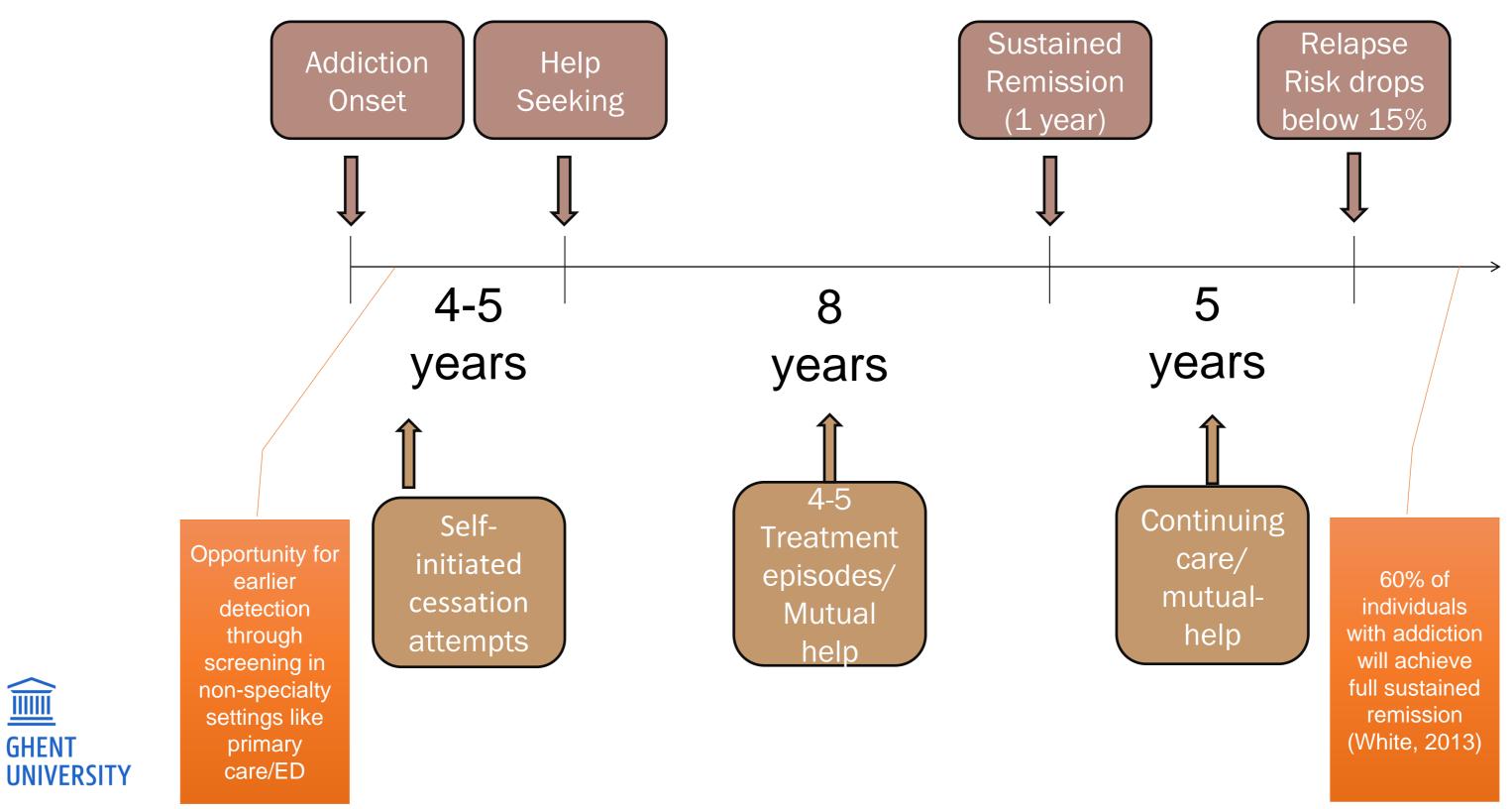


Kelly et al. (2017). Prevalence and pathways of recovery from drug and alcohol problems in the U. S. population. *Drug and Alcohol Dependence*, 181, 162-169.

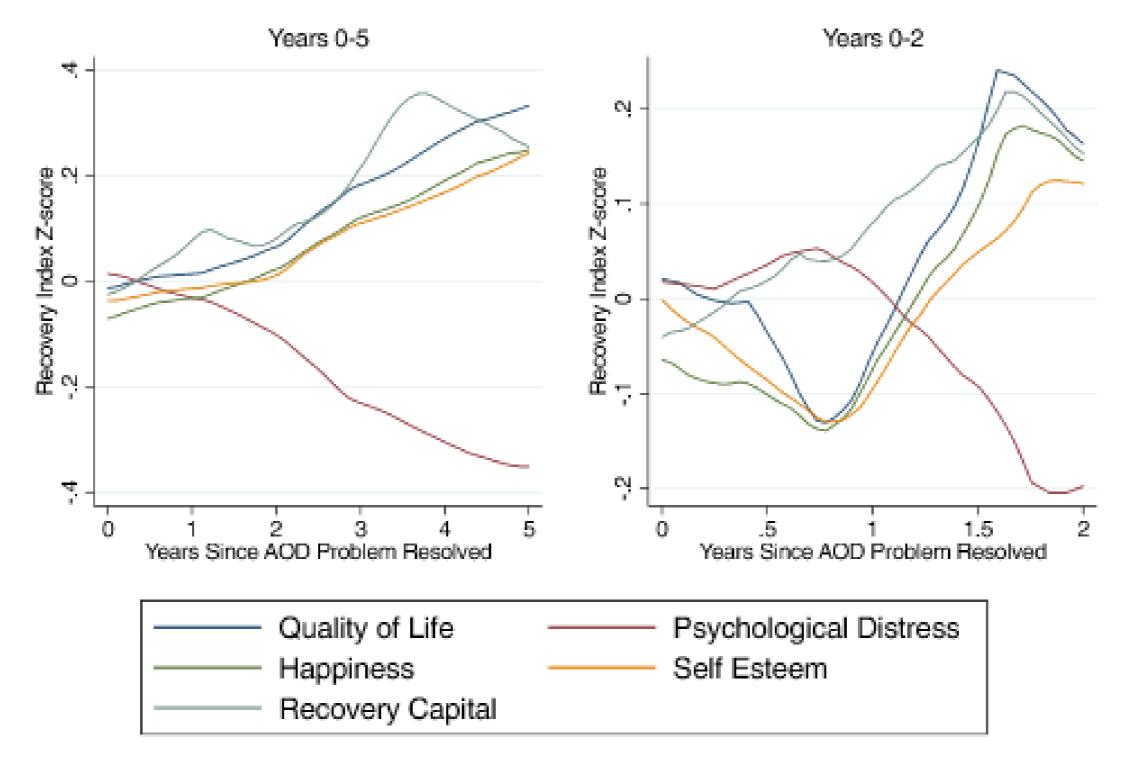
a Recovery Research Institute, Massachusetts General Hospital, 151 Merrimac Street, and Harvard Medical School, Boston, MA, 02114, United States

b Chestnut Health Systems, W Chestnut St, Bloomington, IL, 61701, United States

FROM ADDICTION TO RECOVERY IN PERSONS WITH SEVERE DEPENDENCE (White, 2013)



Recovery Indices by Years Since Problem Resolution





THE REC-PATH PROJECT



RECOVERY PATHWAYS AND SOCIETAL RESPONSES RELATED TO ILLICIT DRUG USE IN THE UK, NETHERLANDS AND BELGIUM

- Available research primarily focused on alcohol and conducted in North America (US)
- Role of environmental and contextual factors + mechanisms that support/sustain recovery journeys poorly understood
- Multi-country, multi-method study on addiction recovery in Europe, with special focus on:
 - Illicit substances
 - The voices of those in recovery
 - Women
 - Building capacity for future recovery research
- Three recovery stages:
 - Early recovery (< 1 year)
 - Sustained recovery (1-5 years)
 - Stable recovery (> 5 years)

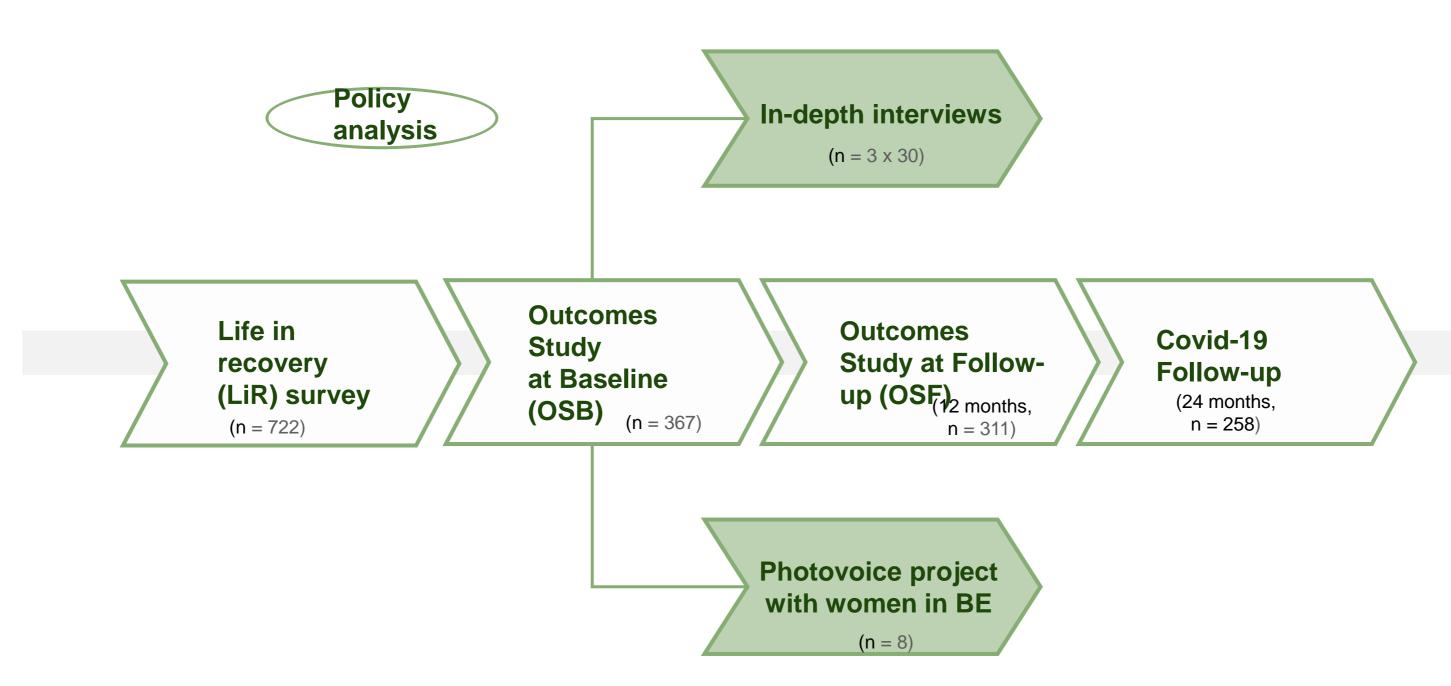








REC-PATH study design (2017-2021)



















AT LEAST FIVE MECHANISMS OF BEHAVIOUR

CHANGE (BEST ET AL., 2018)



12-step mutual aid



Other peer-based support groups



Outpatient community treatment



TC and other residential treatment



Natural/unassisted recovery





WHICH MECHANISMS OF BEHAVIOUR CHANGE HAVE PERSONS IN ADDICTION RECOVERY USED (REC-PATH)? (MARTINELLI ET AL., 2021)

Mechanisms of behaviour change	% (n=367)
Mutual aid only	5.4%
Outpatient treatment only	4.9%
Residential treatment only	5.7%
Mutual aid + outpatient	9.0%
Mutual aid + residential	13.6%
Outpatient + residential	15.8%
All 3 types of treatment/Support	40.9%
Natural recovery (no formal Tx/support)	4.6%

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RECOVERY INDICATORS ACCORDING TO RECOVERY STAG & GENDER



Abstinent from

Drugs: Education, Prevention and Policy

ISSN: 0968-7637 (Print) 1465-3370 (Online) Journal homepage: https://www.tandfonline.com/loi/idep20

Drugs

Life in Recovery survey (n=722)

- 17.6% in early recovery
- 40.2% in sustained recovery
- 42.2% in stable recovery256 women in recovery (36.7%)

Comparing three stages of addiction recovery: long-term recovery and its relation to housing problems, crime, occupation situation, and substance use

Thomas F. Martinelli, Gera E. Nagelhout, Lore Bellaert, David Best, Wouter Vanderplasschen & Dike van de Mheen

	Housing problems OR (95% CI)	Crime OR (95% CI)	Occupation situation OR (95% CI)	Alcohol Use OR (95% CI)	Illicit Hard Drug Use OR (95% CI)	Cannabis Use OR (95% CI)	drugs, alcohol, and opiate subs OR (95% CI)	
Recovery Stage								
Early	1	1	1	1	1	1	1	
Sustained	0.34 (0.16-0.74)**	0.44 (0.25-0.79)**	3.58 (2.18-5.85)***	0.80 (0.48-1.36)	0.51 (0.27-0.99)*	0.60 (0.32-1.13)	1.41 (0.88-2.25)	
Stable	0.12 (0.04-0.36)***	0.24 (0.11-0.51)***	4.94 (2.75-8.90)***	1.54 (0.87-2.74)	0.40 (0.17-0.90)*	0.84 (0.40-1.74)	1.00 (0.59-1.67)	
Gender								
Male	1	1	1	1	1	1	1	
Female	0.97 (0.47-2.02)	0.87 (0.49-1.56)	0.81 (0.53-1.24)	1.45 (0.99–2.11)	0.82 (0.45-1.49)	0.88 (0.51-1.49)	0.78 (0.55-1.10)	

Table 2. Differences in housing problems, crime, occupation situation, and substance use by recovery stage.

	Early	Sustained	Stable	
Recovery Stage	(n = 127)	(n = 290)	(n = 305)	p Value Chi2
Housing problems	14.2	5.5	2.0	<0.001
Have you been having acute housing problems in the last 30 days? (yes)	/ 11.0	5.2	2.0	< 0.001
Have you been at risk of eviction in the last 30 days? (yes)	8.7	1.7	1.0	< 0.001
Crime	26.8	12.1	5.6	< 0.001
Have you been involved in offending in the last 30 days? (yes)	11.8	5.9	4.3	0.012
Have you been involved with the criminal justice system in the last 30 days? (yes)	15.7	7.2	1.6	< 0.001
Occupation situation	53.5	82.4	88.2	< 0.001
Have you been continuously working full-time in the last 30 days? (yes)	19.7	32.8	52.5	< 0.001
Have you been continuously working part-time in the last 30 days? (yes)	8.7	24.1	23.3	0.001
Have you been at () education () within the last 30 days? (yes)	\ 15.7	31.4	25.6	0.004
Have you volunteered in the last 30 days? (yes)	28.3	45.9	36.1	0.002
Substance use in the last 30 days				
Alcohol use (yes)	25.2	18.6	24.9	0.131
Illicit hard drug use (yes)	16.5	7.9	4.9	< 0.001
Cannabis use (yes)	17.3	9.0	8.9	0.019
Abstinent from alcohol, illicit drugs and opiate substitutes (yes)	63.0	73.4	70.2	0.099

Note: All numbers are percentages unless otherwise specified.



2010)







ORIGINAL RESEARCH

published: 26 March 2021 doi: 10.3389/fpsyg.2021.663447



Maintain stable housing

Start your own business

- Participate in family life

- Plan for the future

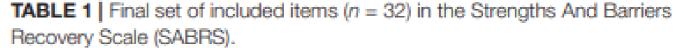
Volunteer

- Remain in steady employment

Further your education or training

The Strengths and Barriers Recovery Scale (SABRS): Relationships Matter in Building Strengths and Overcoming Barriers

David Best¹, Arun Sondhi², Lorna Brown¹, Mulka Nisic³, Gera E. Nagelhout^{4,5}, Thomas Martinelli⁴, Dike van de Mheen⁶ and Wouter Vanderplasschen^{7*}



Recovery Strength items	Recovery Barrier items
- Exercise regularly	- Have untreated emotional or mental
- Have a GP	health problems
 Have regular dental checks 	 Make regular visits to the emergency
 Have good nutrition 	room
 Take care of your health 	 Regular use of health services
 Maintain a driving licence 	- Smoke
 Maintain a bank account 	 Have your drivers' licence revoked
 Able to pay your bills 	- Drive under the influence of alcohol or

- Damage property
- Been arrested

drugs

- Been charged with a criminal offence
- Been to prison
- Have bad debts
- Were unable to pay the bills
- Regularly missed school or work
- Dropped out of school or college
- Fired or suspended from work
- Lose custody of children
- Experience family violence





ORIGINAL RESEARCH

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TABLE 2 Number of strengths and barriers while in addiction and recovery (n = 1,313).

	Strengths (addiction)	Strengths (recovery)	Barriers (addiction)	Barriers (recovery)
Mean	4.71	10.53	8.59	2.58
SD	2.91	3.25	3.30	2.31
Minimum	0	0	0	0
Maximum	15	15	17	17



TABLE 1 | Final set of included items (n = 32) in the Strengths And Barriers Recovery Scale (SABRS).

Hecovery Scale (SABHS).	
Recovery Strength items	Recovery Barrier items
- Exercise regularly	- Have untreated emotional or mental
- Have a GP	health problems
- Have regular dental checks	- Make regular visits to the emergency
 Have good nutrition 	room
- Take care of your health	- Regular use of health services
 Maintain a driving licence 	- Smoke
- Maintain a bank account	- Have your drivers' licence revoked
 Able to pay your bills 	- Drive under the influence of alcohol or
 Maintain stable housing 	drugs
 Remain in steady employment 	 Damage property
 Further your education or training 	 Been arrested
 Start your own business 	 Been charged with a criminal offence
 Participate in family life 	 Been to prison
 Plan for the future 	 Have bad debts
- Volunteer	 Were unable to pay the bills
	 Regularly missed school or work
	 Dropped out of school or college
	 Fired or suspended from work
	 Lose custody of children

Experience family violence



ORIGINAL RESEARCH

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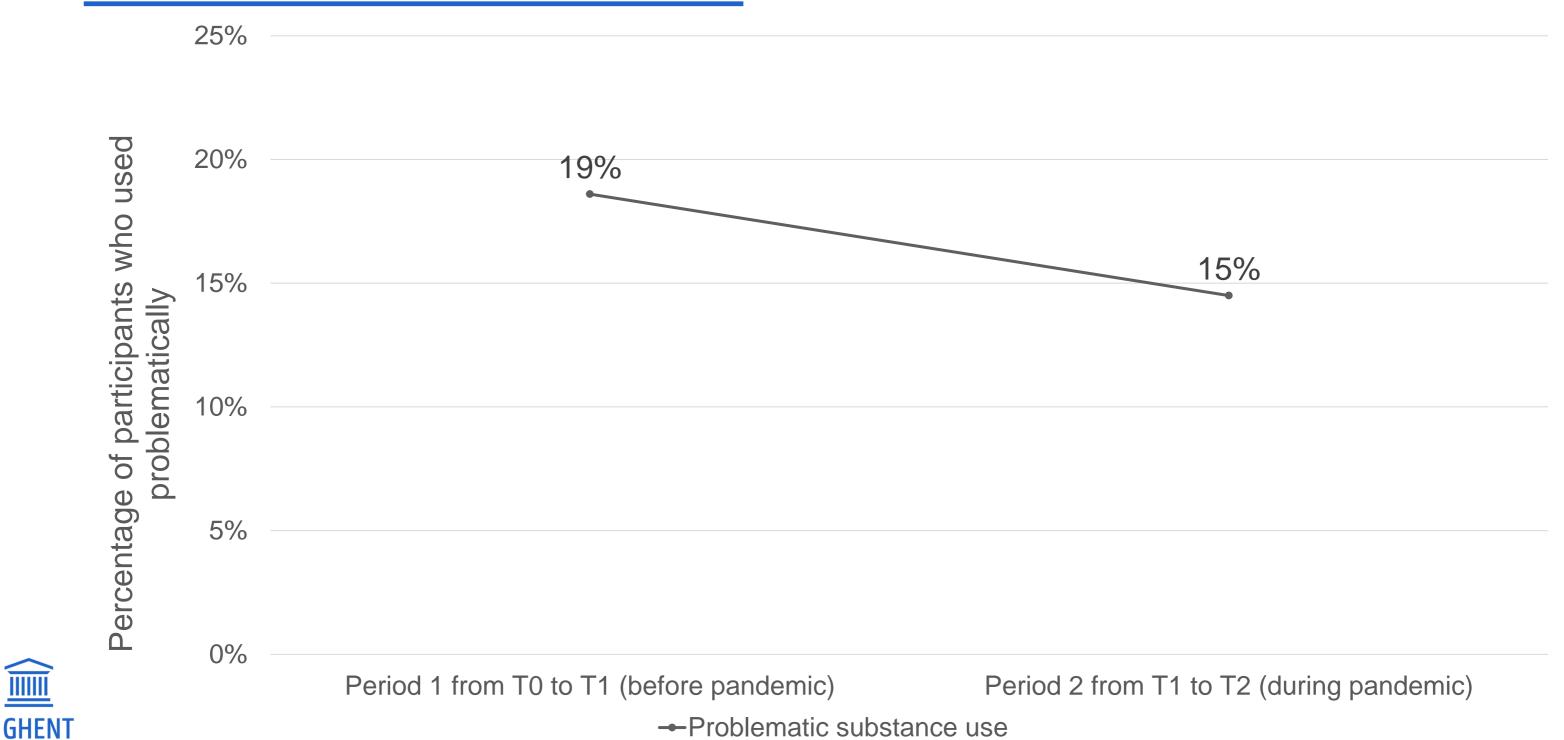
Recovery Strength items	Recovery Barrier items
 Exercise regularly Have a GP Have regular dental checks Have good nutrition Take care of your health Maintain a driving licence Maintain a bank account Able to pay your bills Maintain stable housing Remain in steady employment Further your education or training Start your own business Participate in family life Plan for the future Volunteer 	 Have untreated emotional or mental health problems Make regular visits to the emergency room Regular use of health services Smoke Have your drivers' licence revoked Drive under the influence of alcohol or drugs Damage property Been arrested Been charged with a criminal offence Been to prison Have bad debts Were unable to pay the bills Regularly missed school or work Dropped out of school or college Fired or suspended from work Lose custody of children Experience family violence





	Early recovery	Sustained recovery	Stable recovery	F, significance
Strengths	8.59	10.46	11.69	102.39, p < 0.001
Barriers	3.07	2.58	2.33	11.19, p < 0.001
Change in strengths	3.33	5.66	7.37	109.84, p < 0.001
Changes in barriers	-4.74	-6.13	-6.64	24.50, p < 0.001

RETURN TO PROBLEM DRUG USE AMONG THE REC-PATH COHORT DURING THE COVID-19 PANDEMIC



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Turning points towards addiction recovery: a contextualized understanding of its underlying dynamics (Lore Bellaert, 2022)

Findings

Gender	Female	15
	Male	15
Recovery stage	Early (<1)	10
	Sustained (1-5)	10
	Stable (>5)	10

Multiple turning points

- experiences
- facilitators

Layered pieces of an ongoing 'recovery puzzle'

















TURNING POINTS TOWARDS ADDICTION RECOVERY

(BELLAERT ET AL., 2022)

Adverse drug-induced experiences

Becoming a parent

'Hitting rock bottom'

(Dis)engagement of social networks and environments

Addiction treatment



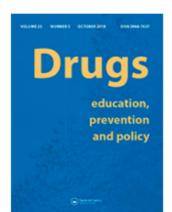
These are mediated by interrelated contextual dimensions such as: socio-economic context, interpersonal relations, enabling places, stigma



Photovoice is a method for participatory action research, in which individuals take pictures and discuss them as a way to establish personal and societal change (Booth & Booth, 2003; Wang & Burris, 1994, 1997).

Photovoice arose from the observation that some people's stories are never heard in society





Drugs: Education, Prevention and Policy



ISSN: (Print) (Online) Journal homepage: https://www.tandfonline.com/loi/idep20

Photovoicing interconnected sources of recovery capital of women with a drug use history

Tijs Van Steenberghe, Wouter Vanderplasschen, Lore Bellaert & Jessica De Maeyer

To cite this article: Tijs Van Steenberghe, Wouter Vanderplasschen, Lore Bellaert & Jessica De Maeyer (2021): Photovoicing interconnected sources of recovery capital of women with a drug use history, Drugs: Education, Prevention and Policy, DOI: 10.1080/09687637.2021.1931033

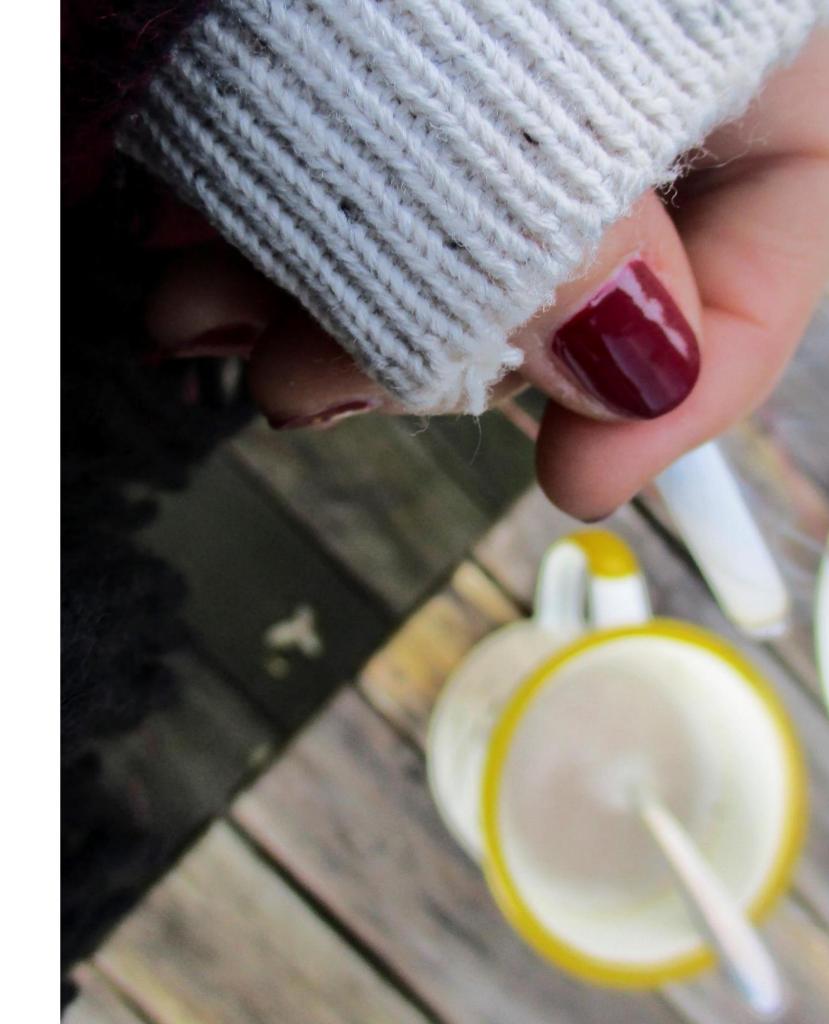
To link to this article: https://doi.org/10.1080/09687637.2021.1931033

4 CENTRAL THEMES

- 1. (Re-)building me
- 2. Untangling what life is and what addiction is
- 3. Becoming (re)connected
- 4. Enacting future perspectives

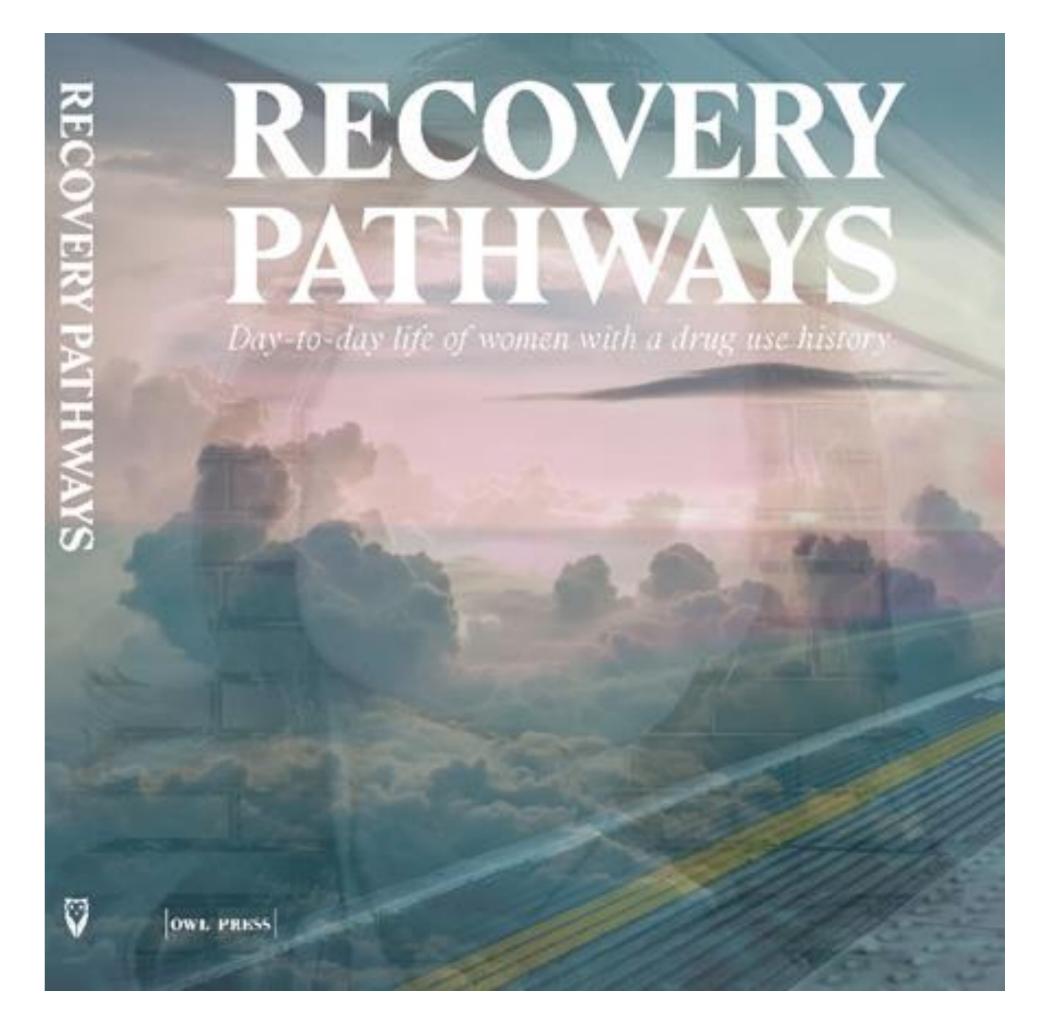
https://www.photovoicingrecoverypathways.com/





BOOK PUBLICATION:
'RECOVERY PATHWAYS: DAYTO-DAY LIFE OF WOMEN WITH
A DRUG USE HISTORY'. GHENT,
BELGIUM: OWL PRESS.

HTTPS://VIMEO.COM/5255447 42/12BF08E24B





OTHER RECOVERY STUDIES



SUBSTITUTE BEHAVIOURS FOLLOWING RESIDEN SUBSTANCE USE TREATMENT (SINCLAIR ET AL., 2021)

- N=137 (65% follow-up rate, n=207)
 - 23% relapsed
 - 40% maintained abstinence
 - 36% substituted their primary substance(s)
- Substitute motives included:
 - Anticipated appetitive effects (e.g., for energy; to cope; to manage cravings; n = 22),
 - Time-spending (e.g., to occupy time; due to boredom; n = 16)
 - To (re)connect with others (e.g., improved relationships; to receive recovery support; n = 9)
 - For enjoyment (e.g., interested in; for enjoyment or upliftment; n = 8)

Love (e.g. thoughts, feelings, behaviours about love and	24
relationships)	
Caffeine (e.g. coffee, or energy drinks such as Red Bull)	11
Eating (way too much food each day and/or high-sugar foods	9
such as chocolates; binging; purging; food restriction)	
Exercise (e.g. sports/extreme sports)	8
Cigarettes	8
Social networking (e.g. Facebook, Twitter, Instagram,	7
WhatsApp)	
Religion (activities/practices)	7
Binge-watching (e.g. TV series, movies, documentaries)	6
Work	6



Different types of substitution behaviour: Substance-to-Behaviour, Substance, ...

SUBSTANCE USE & MISUSE 2021, VOL. 56, NO. 5, 683–696 https://doi.org/10.1080/10826084.2021.1892136



ORIGINAL ARTICLE



Substitute Addictions in Persons with Substance Use Disorders: A Scoping Review

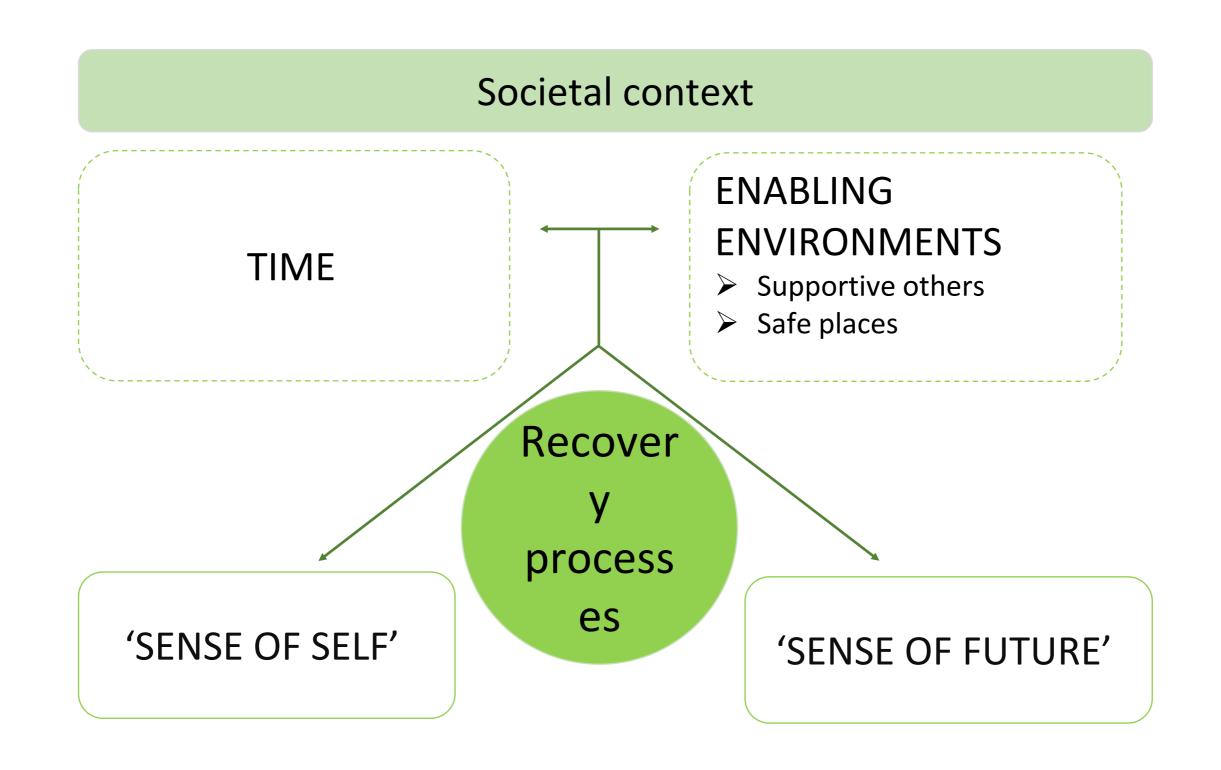
Deborah Louise Sinclair^{a,b}, Steve Sussman^c (D), Shazly Savahl^d (D), Maria Florence^a (D), Sabirah Adams^e (D) and Wouter Vanderplasschen^b (D)

My sex addiction, it's private. [...] My sponsor suggested that I go to SAA meetings [...] I went there, and [...] thought [...] I'm not as sick as these people (translated) [...] but [...] I am (translated), [...] I can't go back there because I'm not ready to admit to my wife [...]. She **thinks it's only porn** [...] **Because I work a lot**, I can say to her: 'I am working tonight'. But then [...] I am involved with other things. And, I know it's a matter of time before it takes me back to my first addiction. And for a long time now I haven't gone to houses, [...] but it will never stop. [...] It stops for one week [...] You can't pray and you feel overwhelmed [...] I know it's gonna **fuck up my whole life** [...] You are now probably the first person that I really - like, even the people in NA [...] don't know, [...] one of the reasons I, I'm not [...] connected anymore [...] (it) takes me to dodgy places sometimes, and I'm putting my life at risk. (P 20, Male, in recovery for 4 years)



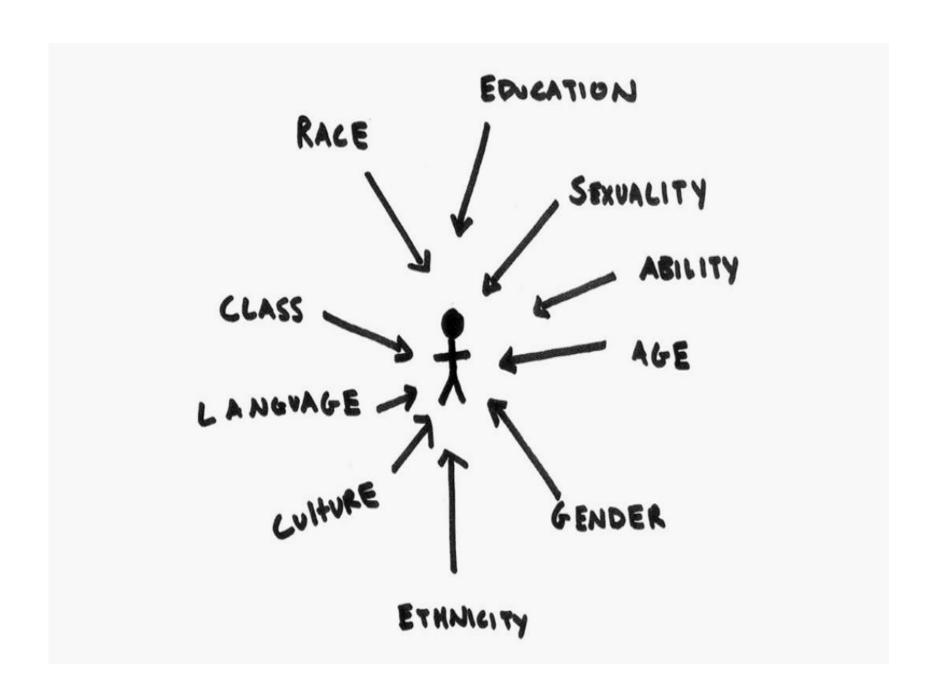


Pathways to addiction recovery: exploring personal experiences and support needs Anne Dekkers





MULTIPLE STIGMA: INTERSECTIONALITY



"Watch out for the boogieman": stigma and substance use recovery among migrants and ethnic minorities

"The problem was, I had no money, I had nothing, so my hair was terrible, my beard was terrible, I wore clothes that had not been washed in months, I stank terribly. No one wanted to believe that I was sober and that was difficult. I had to convince people, I'm really kicking the habit."

(Kofi, 29 years old, Burundian background)

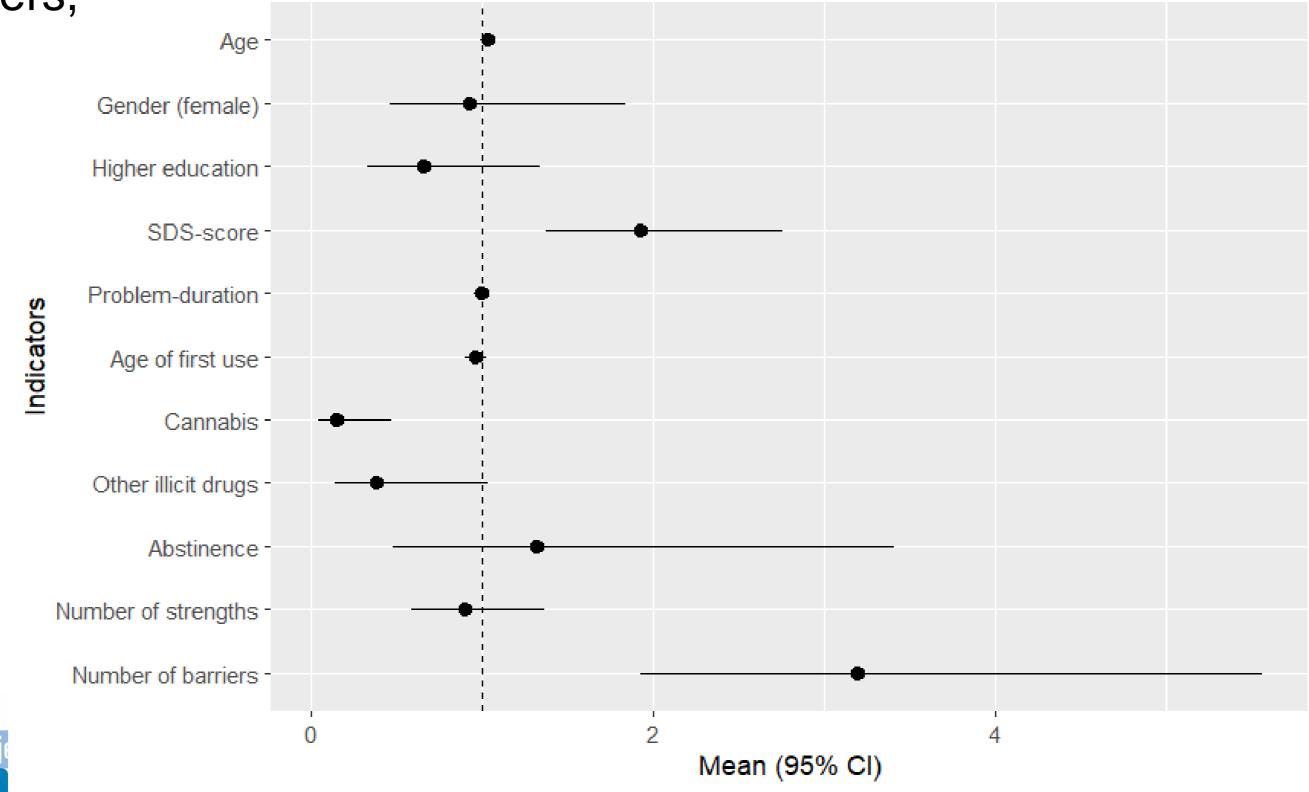


SELF-CHANGE AND ADDICTION RECOVERY

- LIR Flanders,

2022

- N=371



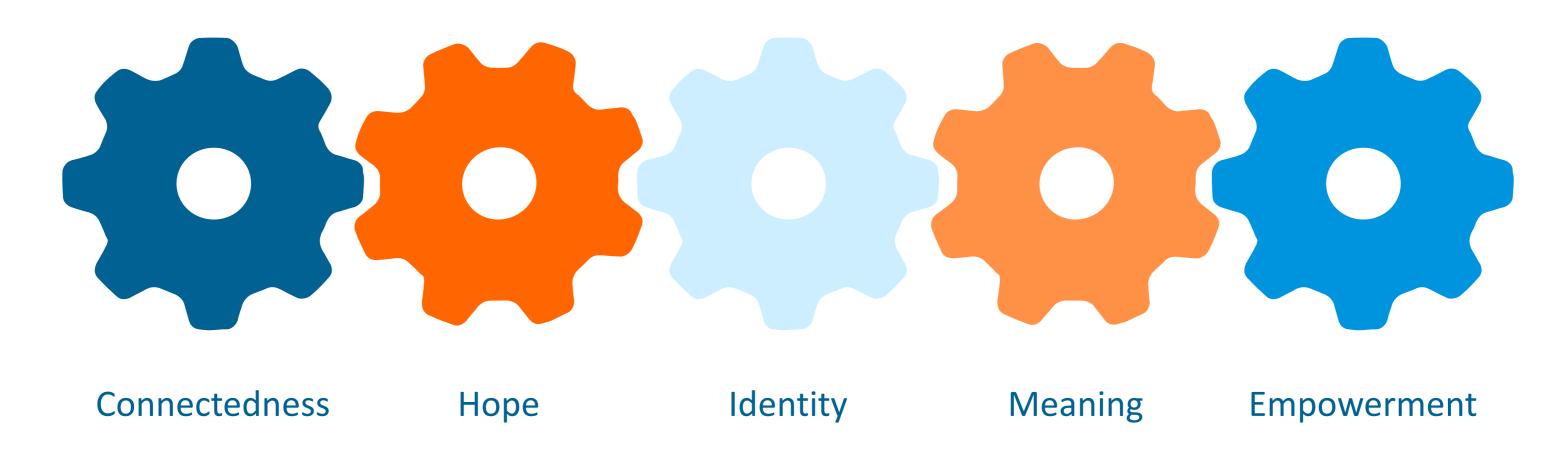




SOME CONCLUSIONS



HOW TO CREATE RECOVERY SUPPORTIVE ENVIRONMENTS?



(Leamy et al., 2011; CHIME-D)

Being, doing, becoming and belonging (Doroud, Fossey & Fortune, 2018)



WHAT TO CONCLUDE FROM THIS PRESENTATION?

- Recovery is rather the rule than the exception
- Recovery takes time and is a personal, non-linear process: complex interplay of turning point experiences and contextual/timely elements
- Most addicts use various treatment mechanisms for achieving recovery
- Treatment/support not always needed, but enhances/facilitates recovery
- Type of intervention/support depends on person, moment, addiction severity, recovery capital, comorbidity, context, ...
- Leave room for innovations: new technologies, person-centred treatment, arts-based research and interventions
- Need for a continuum and continuity of care, including a central role for mutual aid groups and individuals' lived experiences



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