

Systematic Review

- Of 17 MBI for SUD studies, only 4 measured acceptability
- Acceptability Measures
 - Satisfaction
 - Practice
 - Follow-up retention rates
 - Attendance
- Always assessed after the intervention
- All concluded the intervention was acceptable
- None assessed variation in acceptability

Participants

Variable	Mean (SD)	N = 100
Age	32.38(9.82)	
Race/Ethnicity		
Hispanic		60
Non-Hispanic Black		18
Non-Hispanic White		20
Other		2
Education (years)	11.67 (2.15)	
Living Situation (8 months prior to Tx)		
Homeless		25
Non-stable		7
Institution		16
Own place		17
Someone else's		35
Mandated to Treatment		83
Religious Preference		
Christian		83
Other Religion		2
Other Beliefs		5
Atheist		10

Results - ANOVA

Racial/Ethnic differences

Variable		Sum of Squares	df	Mean Squares	F	Sig.
Satisfaction						
	Between	3.39	3	1.13	2.26	.09
	Within	43.11	86	0.50		
	Total	46.50	89			
Formal Practice						
	Between	4.18	3	1.40	1.26	.30
	Within	88.68	78	1.11		
	Total	90.86	81			
Informal Practice						
	Between	4.26	3	1.42	0.92	.44
	Within	120.99	78	1.55		
	Total	125.25	81			
Mindfulness Application						
	Between	263.16	3	87.72	0.71	.55
	Within	8176.61	66	123.89		
	Total	8439.77	69			

Results – Regression 1

DV - Satisfaction

Predictor	R ²	F	β	t	p	95% CI
Model summary	.05	1.46			.23	
Days in treatment prior to intervention start			.15	1.38	.17	-.00, .02
Mindfulness Predisposition			-.03	-.23	.82	-.01, .01
Trauma Severity			-.14	-1.23	.22	-.02, .01

Results – Regression 2

DV – Formal Practice

Predictor	R ²	F	β	t	p	95% CI
Model summary	.14	3.05			.02	
Age at baseline			.27	2.45	.02	.01, .05
Days in treatment prior to intervention start			.11	.98	.33	-.01, .02
Mindfulness Predisposition			.18	1.55	.13	-.01, .03
Trauma Severity			.25	2.15	.03	.00, .04

Results – Regression 3

DV – Informal Practice

Predictor	R ²	F	β	t	p	95% CI
Model summary	.14	3.12			.02	
Years of Education			.16	1.52	.13	-.03, .21
Days in treatment prior to intervention start			.14	1.23	.22	-.01, .03
Mindfulness Predisposition			.24	2.08	.04	.00, .04
Trauma Severity			.23	1.99	.05	.00, .05

Results – Regression 4

DV – Mindfulness Application

Predictor	R ²	F	β	t	p	95% CI
Model summary	.20	2.24			.05	
Days in treatment prior to intervention start			-.02	-.13	.90	-.18, .16
Mindfulness Predisposition			.21	1.52	.14	-.05, .36
Trauma Severity			.02	.10	.92	-.23, .26
Satisfaction			.33	2.36	.02	.76, 9.41
Formal Practice			.00	.02	.98	-3.28, 3.36
Informal Practice			.21	1.26	.21	-1.11, 4.86

Discussion

- Time in treatment prior to intervention start did not predict any acceptability variables
 - May be able to introduce sooner without reducing acceptability
- Mindfulness Predisposition was related to informal practice but not formal practice or satisfaction
 - Intervention is acceptable even among women with lower mindfulness predisposition, but they may not have as frequent of informal practice by session 3

Intervention Adaptation



- Many adaptive modifications mainly address surface structure, rather than deep structure
 - Surface structure: matching intervention materials and messages to observable ‘superficial’ characteristics of the target population
 - Language translation
 - Deep structure: involves incorporating the cultural, social, historical, environmental, and psychologic forces that influence the target health behavior in the proposed target population (Resnicow et al., 2000)
 - Relatable content and examples

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About me

