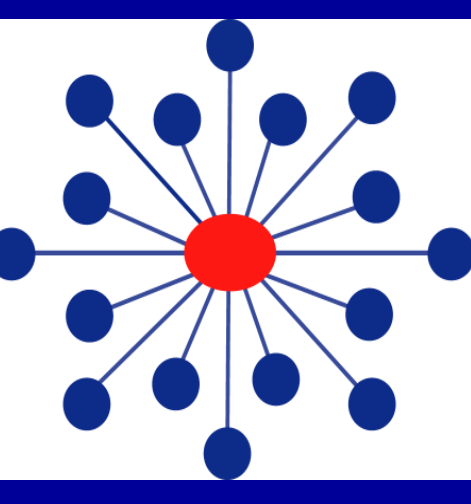




Treatment Satisfaction in the CTN Cocaine Use Reduction with Buprenorphine (CURB) Study

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Introduction

Treatment satisfaction in research may be associated with treatment retention and outcomes. Including a satisfaction measure not only collects data on participants' attitudes and beliefs about the treatment provided, but provides an unspoken message that participants' opinions are valued. The current study examined results of a treatment satisfaction survey administered in the multi-center National Drug Abuse Treatment Clinical Trials Network (CTN) Cocaine Use Reduction with Buprenorphine (CURB) trial to assess participants' opinions about study participation.

Methods

This secondary analysis utilized a satisfaction survey self-administered by participants at the end of an 8-week study. All participants were randomly assigned to 1 of 3 conditions provided with extended-release injectable naltrexone: 16mg/day BUP (BUP16), 4mg/day BUP (BUP4), 0mg/day BUP (placebo, PLB), plus weekly individual Cognitive Behavioral Therapy (CBT). The satisfaction survey was collected at the end of the medication phase and ratings were based on a 5-point Likert Scale. Preliminary analyses were expanded and corrected to provide additional results.

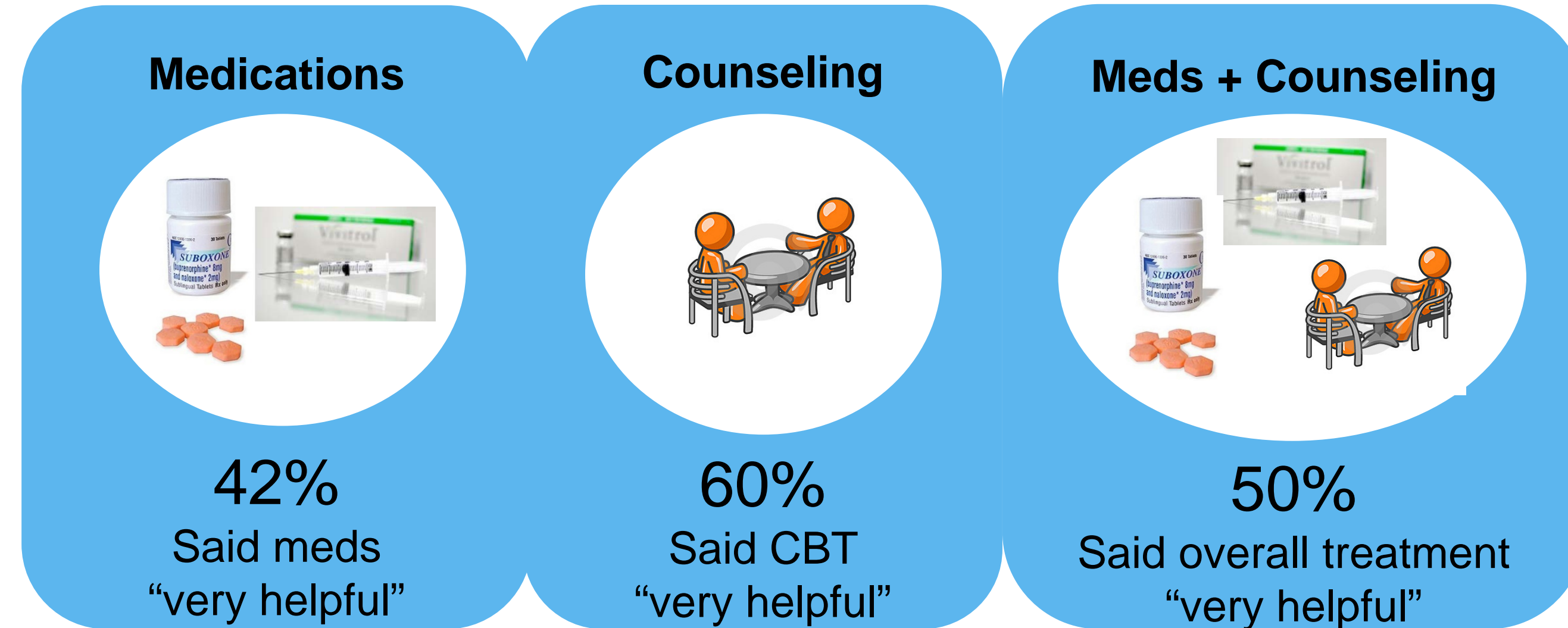
Results

Surveys were collected from 278 of 302 participants enrolled in the study, for a 92% completion rate. Most participants (68%) reported being very satisfied with their overall experience in the study, and 84.9% of participants reported they would definitely participate again if given the opportunity. Satisfaction with overall experience in study was not associated with retention, though it was associated with number of cocaine-negative UDS during the last 4 weeks of the trial. Participants who were "very satisfied" with their overall experience had a higher number of cocaine-negative UDS than those who reported being satisfied, neither satisfied or dissatisfied, dissatisfied, or very dissatisfied. Participants who found: 1) medications "very helpful", 2) counseling "very helpful" and 3) overall treatment "very helpful" also had a significantly higher number of cocaine-negative UDS (all significant at $p < .05$).

Respondent Characteristics, N=278

Demographic Characteristics	
Gender; Male, % (n)	78.4% (218)
Mean Age (SD)	46.3 (8.67)
Drug Use Characteristics	
DSM-IV Cocaine Dependence Diagnosis, % (n)	100% (278)
High Opioid Use Strata, % (n)	75.90% (211)

How helpful was the treatment in reducing your cocaine use?



Is satisfaction with overall experience in the study related to treatment outcome or retention?

	Very Satisfied (n=190)	Other Responses (n=88)	p-value		Very Satisfied (n=190)	Other Responses (n=88)	p-value
Mean # cocaine-negative UDS (SD)*	5.95 (4.83)	4.85 (4.75)	p= 0.039	Mean Days to Last Dose (SD)	50.86 (13.7)	51.32 (12.5)	n.s.
	Meds Very Helpful (n=116)	Other Responses (n=162)	p-value	Completers (%)	82.1%	80.7%	n.s.
Mean # cocaine-negative UDS (SD)*	6.26 (4.87)	5.13 (4.75)	p=0.027				
	CBT Very Helpful (n=168)	Other Responses (n=110)	p-value				
Mean # cocaine-negative UDS (SD)*	6.01 (4.92)	4.97 (4.63)	p=0.039				
	Meds+CBT Very Helpful (n=140)	Other Responses (n=138)	p-value				
Mean # cocaine-negative UDS (SD)*	6.31 (4.81)	4.88 (4.75)	p=0.006				

*Two-sample t test with equal variances

Conclusions

This study demonstrates the feasibility of measuring participant satisfaction with treatment components in a research study. Given the high rate of overall satisfaction reported, survey responses were dichotomized to examine the association between overall satisfaction, treatment outcome and retention. Participants better able to reduce their substance use in the last 4 weeks reported the highest satisfaction with study components.

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