Understanding Goal Setting and Goal Achievement Among Individuals Living with HIV Involved in an Online Community-Based Exercise Intervention Study

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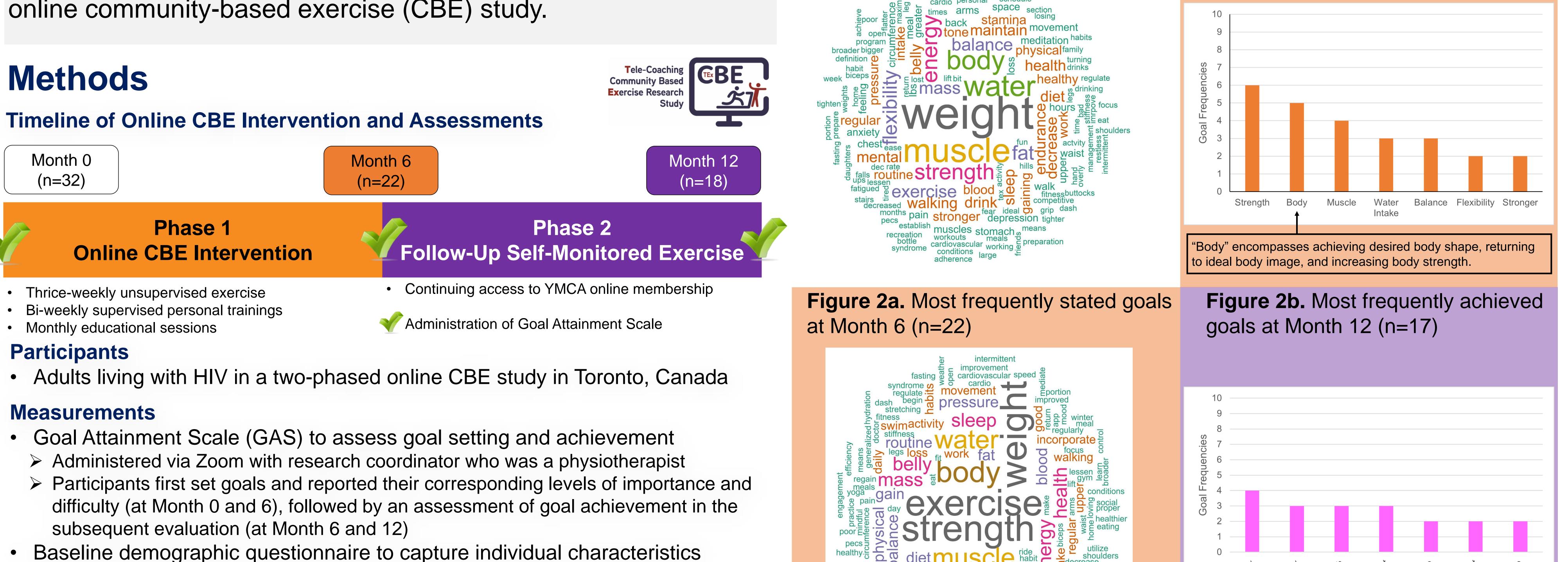
Objectives: To explore the nature and extent of goal setting and goal achievement among adults living with HIV involved in an



Figure 1a. Most frequently stated goals at Month 0 (n=32)



Figure 1b. Most frequently achieved goals at Month 6 (n=22)



GAS Score Calculation

GAS T Score =
$$50 + \frac{10\Sigma w_i x_i}{\sqrt{(1-\rho)\Sigma w_i^2 + \rho(\Sigma w_i)^2}}$$

where i = the ith goal stated by the participant (participants were unrestricted in the number of goals they can articulate) Xi = the level of function or achievement for the ith goal; Wi = the weight assigned to the ith goal (weight = importance X difficulty) $\rho = 0.3$ was used in this study; Higher GAS T scores indicate higher function with respect to the goals at baseline or better achievement of goals compared to expectations after intervention

Analytic Strategies

- Descriptive statistics to report number and extent of goals stated and achieved
- Text analysis to categorize types of goal stated and achieved at each time point

Table 1. Baseline participant characteristics (n=32)

Participant characteristics	Median [P25, P75] / n (%)
Age (years)	53 [43, 60]
Gender (n)	
Men	22 (69%)
Women	9 (28%)
Race/Ethnicity	
White	14 (44%)

stomach weightsendurance meditation recreation sweat

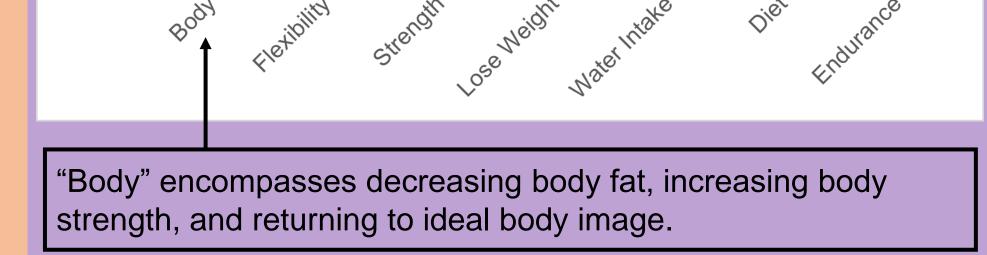


Table 2. Goal setting and goal achievement at each study phase

	Month $0 \rightarrow 6$	Month $6 \rightarrow 12$
	Mean ± SD / Median [P25, P75]	
GAS baseline score	35.8 ± 1.9	33.3 ± 5.4
GAS achieved score	47.6 ± 9.6	49.8 ± 10.4
Number of goals stated	4 [3, 4]	4 [3, 5]
Number of goals achieved	2 [1, 3]	2 [1, 3]
Achievement rate (%)	45.9 ± 32.9	47.4 ± 35.6

Discussion and Implications

Strength, body weight, and exercise were the most

8 (25%)
13 (41%)
12 (43%)
15 (47%)
3 [1, 6]
2002 [1992, 2010]
32 (100%)
- -



frequently stated goals by participants involved in this online CBE intervention study.

Findings may help to inform collaborative goal setting and personalized exercise programs and interventions for adults living with HIV.

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