# Goal Setting and Achievement in a Community-Based Exercise (CBE) Intervention Study among Adults Living with HIV

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### Purpose, Intervention & Data Collection



**Purpose:** To describe goal setting and achievement among adults living with HIV engaged in a community-based exercise (CBE) intervention.



**Analysis**: <u>**Goal Setting**</u>: Content analysis to describe type of goals set at baseline (T1) and end of intervention (T2); <u>**Goal Achievement**</u>: Extent of goal achievement (frequency; %) at end of intervention (T2) and end of follow-up (T3).

# **Results: Goal Setting**

Of the 82 participants who completed the baseline GAS (month 0):

- 60/82 (75%) completed the GAS post CBE Intervention (month 6)
- 46/82 (56%) completed the GAS at end of follow-up (month 14) similar to retention in CBE study
- CBE study participant characteristics reported here: <u>https://www.cahr-acrv.ca/wp-content/uploads/2020/04/CSP5041.pdf</u>

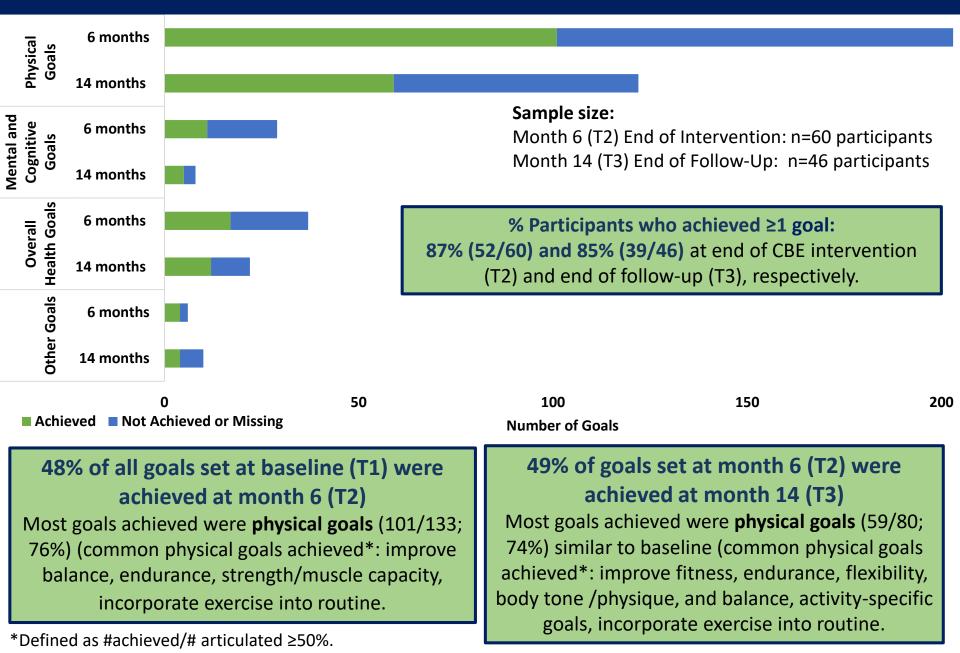
Physical goals were most commonly cited at baseline (74% of all goals) and after intervention (75%)

Type of Goal	Goal Examples	Number of Goals Set (%) at Baseline (T1: month 0)	Number of Goals Set (%) at End of CBE Intervention (T2: month 6)
Physical	Strength / muscle capacity; weight, endurance, flexibility, overall fitness, incorporate exercise as part of routine	203 (74%)	122 (75%)
Mental and Cognitive Health	Mood; motivation / energy; self- esteem / body-image; psychological / mental health; social interaction; cognitive function	29 (10%)	8 (5%)
Overall Health	Improve lifestyle; health	37 (13%)	22 (14%)
Other	Increase knowledge, life goals (finish school, find a partner)	6 (2%)	10 (6%)
Total Number of Goals Set		275 (100%)	162 (100%)

Median # (IQR) of goals set per participant at both time points: 3 (2, 4)



## **Results: Goal Achievement**





#### **Impressions and Considerations**

- Physical goals were most commonly articulated by participants at baseline (T1) and at the end of intervention (start of follow-up) phase (T2).
- Across the sample, almost half of the stated goals were 'achieved' at end of intervention (49%) and end of follow-up (48%).
- Considerations: Exploratory outcome of the larger CBE study; Missing data on goal achievement ranged from 29% (end of intervention) to 17% (end of follow-up phase); We did not assess quality of the goals using SMART principle (specific, measureable, achievable, realistic, time bound); Variation in GAS administration (3 coordinators)

### Conclusions

 Collaborative goal setting can be used as a motivating factor when implementing self-management interventions and can offer a potential outcome for evaluating the impact of exercise interventions for adults living with HIV.

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