

Background

ACT has proven successful in managing chronic pain (McCracken et al., 2006^1), smoking (Gifford et al., 2004^2), substance use (Hayes et al., 2004³), anxiety and depression (Ost, 2014^4), and somatic problems (A-Tjak et al, 2015^5).

Recently, our team conducted a randomized controlled trial of a manualized ACT intervention vs supportive psychotherapy for individuals living with HIV/AIDS and depressive symptoms (ACT with HIV).

Concurrently, our team conducted an open trial of ACT adapted for people living with cystic fibrosis (ACT with CF), delivered in person or via telehealth.

In addition, we applied a similar 6-week intervention, loosely based on our above manuals, to a single case study of a patient with end-stage pancreatic cancer (ACT with PanCan).

All three of these chronic illnesses are typically associated with painful inner experiences, including anxiety, depression, and shame, the latter of which patients often seek to avoid via medication non-adherence, non-disclosure of illness, and other maladaptive avoidance practices. Therefore, ACT, with its focus on acceptance of painful inner states in the service of increasing psychological flexibility and valued living, seems an ideal treatment for people experiencing these chronic heath conditions

Methods

ACT with HIV: 54 patients (28 women) with HIV/AIDS were recruited from Drexel's Center City Clinic for Behavioral Medicine, with a BDI-II score of 13 or greater. Patients were randomly assigned to 6 weeks of either the ACT with HIV⁶ protocol or TAU. Participants completed self-report questionnaires at the time-points indicated in Study Procedures.

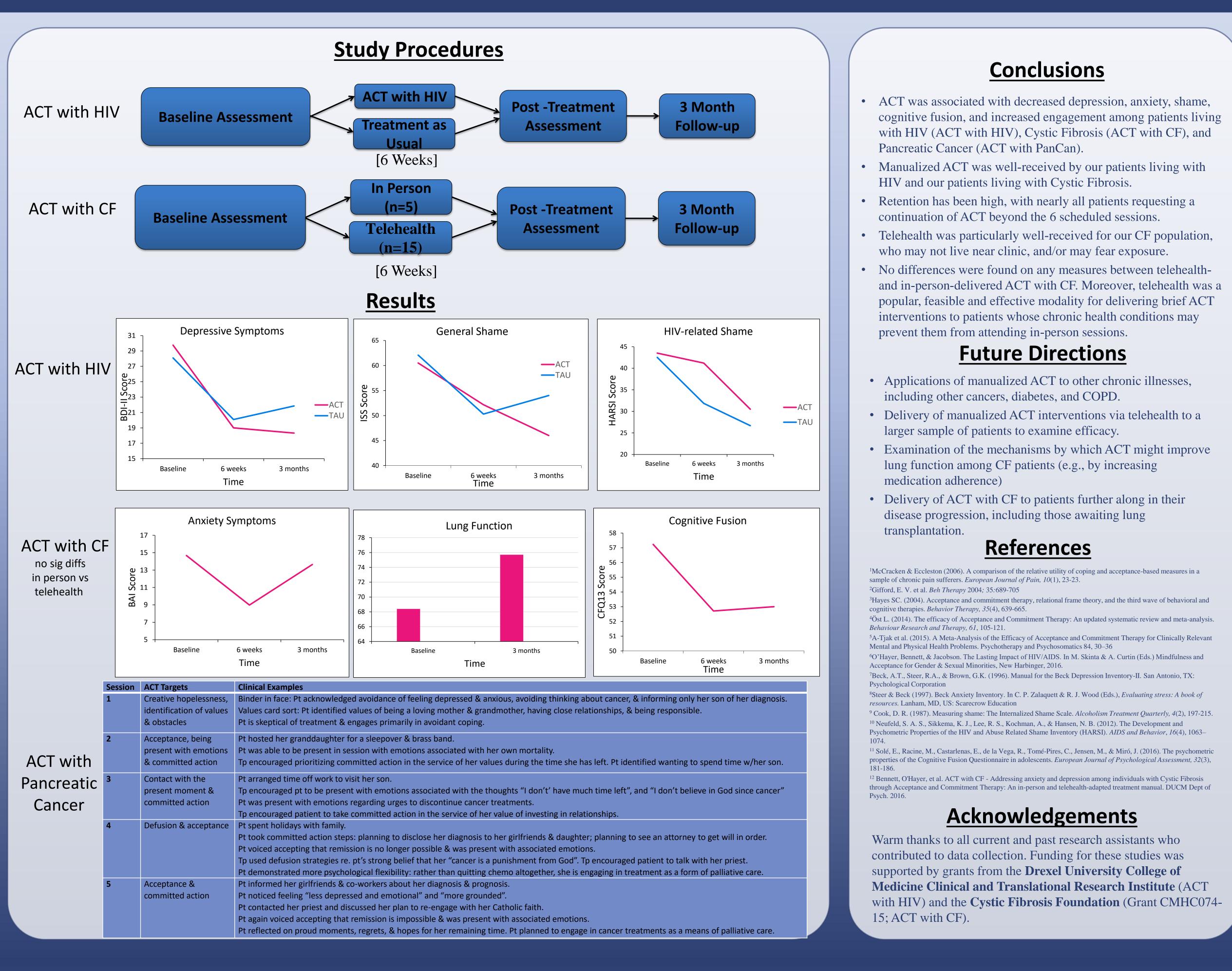
Measures: Participants completed the Beck Depression Inventory (BDI-II⁷), Beck Anxiety Inventory (BAI⁸), Internalized Shame Scale (ISS⁹), HIV and Abuse Related Shame Inventory (HARSI¹⁰), Cognitive Fusion Questionnaire (CFQ-13¹¹) at baseline, end of treatment (6 weeks), and at 3 month follow-up.

ACT with CF: 20 patients with cystic fibrosis (13 women) were referred from Drexel's Adult CF Clinic and given 6 weeks of ACT with CF¹² protocol, either in person or via HIPPA-compliant WebEx webcam, at the patient's choice (15 chose telehealth.

Measures: Participants completed the BDI-II⁷, BAI⁸, and CFQ-13¹¹ at baseline, end of treatment (6 weeks), and at 3 month follow-up. Lung function was assessed by FEV₁/FVC ratio at 3 months pre- and 3 months post-study.

ACT with PanCan: This single case study was of a 54 yearold Caucasian divorced mother who was referred for support during end-stage pancreatic cancer. She received 5 sessions of a less structured ACT intervention, guided by our manuals.

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ACT with Chronic Illnesses

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