

Evidence from recent systematic reviews indicates that mHealth apps may be a promising method to support patient self-management of diverse health conditions, ranging from diabetes to depression. Behavioral health care has been a key area for mHealth integration, resulting in more robust evidence for the use of mHealth with these conditions. In addition to patient self-management, evidence also suggests that the use of mHealth apps increases treatment compliance and could potentially reduce health care treatment costs.



Substance Use Disorders

- ✓ mHealth apps may support abstinence while trying to reduce tobacco use and recovery from alcohol use disorders following residential treatment ([Meredith, Alessi, & Petry, 2015](#); [Haskins, Lesperance, Gibbons, & Bourdeaux, 2017](#)).



Anxiety Disorders

- ✓ mHealth apps can be used to self-monitor symptoms related to generalized anxiety disorder (GAD), panic disorders, and stress ([Loo Gee, Griffiths, & Gulliver, 2016](#)).
- ✓ mHealth Cognitive-Behavioral Therapy (CBT) based apps may be beneficial to individuals looking to manage anxiety symptoms ([Wright, Mishkind, Fells, & Chan, 2019](#)).



Depressive Disorders

- ✓ Individuals with mild depression who used a CBT-based mHealth app for self-management of their symptoms reported a significant reduction in depression symptoms compared with those who did not ([Wright et al., 2019](#)).
- ✓ mHealth app use to address depression symptoms has been correlated with significant improvements ([Bush, Armstrong, & Hoyt, 2019](#)).
- ✓ mHealth apps may significantly increase one's ability to tolerate negative emotions and self-efficacy as well as reduce negative thoughts about self and psychological distress ([Melia et al., 2020](#)).



Post-Traumatic Stress Disorders (PTSD)

- ✓ mHealth apps can be used to assess PTSD symptoms using a validated measure called the PTSD Check List (PCL) ([Wickersham, Petrides, Williamson, & Leightley, 2019](#)).
- ✓ Veterans experiencing high levels of PTSD who used a mHealth app reported significant improvement in their PTSD symptoms ([Wickersham et al., 2019](#)).
- ✓ After a brief training on the app, using PTSD coach as a self-management tool can help veterans reduce their PTSD symptoms ([Gould et al., 2019](#)).



Adherence

- ✓ mHealth apps that include a reminder feature for medications or medical appointments have shown to improve patients' compliance with their treatment ([Bush et al., 2019](#); [Rathbone et al., 2017](#)).
- ✓ Reductions in missed appointments could translate to increased clinic productivity and possible cost-savings ([Bush et al., 2019](#)).
- ✓ Patients who used mHealth apps with reminder functions improved medication adherence and reduced the number of missed appointments ([Rathbone et al., 2017](#)).



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