Computer Guided Therapy

Chris Aiken, MD Editor-in-Chief, Carlat Report

Assistant Prof Psychiatry, NYU and WFU Medical Schools



About as effective as face-to-face therapy

More therapist contact:

- > Better outcomes
- > Lower dropout

Use the program yourself first

Check in with patient's progress

Wright JH et al, Curr Psychiatry Rep. 2019;21(7):62

Clinician Guided Computerized CBT

CCBT program	Primary application	Link	
Beating the Blues [16–18]	Depression	https://www.beatingthebluesus.com/	
Deprexis [25, 26]	Depression	https://us.deprexis.com/	
FearFighter [27, 28]	Anxiety – Panic/Phobia	http://fearfighter.cbtprogram.com/	
Good Days Ahead [1•, 23]	Depression http://www.empower-interactive.com/solutions/good-days-ahead/		
Mood Gym [18-22]	Depression https://moodgym.com.au/		
Sadness Program [29-32]	Depression	n https://www.c4tbh.org/program-review/the-sadness-program/	
Shyness Program [33–35]	Social Anxiety	https://thiswayup.org.au/how-we-can-help/courses/social-phobia/	
Worry Program [36–38]	Generalized Anxiety Disorder	https://thiswayup.org.au/how-we-can-help/courses/generalised-anxiety-disorde	

 Table 1
 CCBT programs with multiple randomized, controlled trials

Apps for Depression & Anxiety

Table 2 Mobile apps for depression and anxiety

Mobile app	Features	Source	Links/availability
Breathe2relax	Breathing exercises	United States Department of Defense	https://www.hprc-online.org/resources/breathe2relax-app
Calm	Soothing music and photos, meditations, calming stories	Calm.com	http://www.calm.com
Day to Day	Daily tips on CBT skills such as challenging negative thoughts and behavioral activation	Intellicare Northwestern University	https://intellicare.cbits.northwestern.edu/app/day-to-day
Headspace	Mindfulness	Headspace.com	https://www.headspace.com/headspace-meditation-app
My Mantra	Create a mantra	Intellicare Northwestern University	https://intellicare.cbits.northwestern.edu/app/mantra
Positive Activity Jackpot	Behavioral Activation	United States. Department of Defense	https://www.hprc-online.org/resources/positive-activity-jackpot-app
PSTD Coach	CBT methods	United States Department of Defense	https://mobile.va.gov/app/ptsd-coach
T2 Mood Tracker	Mood monitoring	United States Department of Defense	https://www.hprc-online.org/resources/t2-mood-tracker-app
Thought Challenger	Modifying negative thoughts	Intellicare Northwestern University	https://intellicare.cbits.northwestern.edu/app/thoughtchallenger
Virtual Hope Box		United States Department of Defense	https://www.research.va.gov/research_in_ action/Virtual-Hope-Box-smartphone-app-to-prevent-suicide.cfm

More: chrisaikenmd.com/apps

My Top Apps

CBT-insomnia

> CBT-i Coach
> SleepioRx (FDA)
> Somryst (FDA)

Mindfulness

> Headspace (\$)

- > Insight Timer
- > Smiling Mind
- > Healthy Minds

Cognition

- > THINC-it
- > Dexterity
- games 20-30
- min/day (Wii Sports, etc)

FDA Cleared

- > Rejoyn (MDD)
- > DayLightRx (GAD)
- > EndeavorRx (ADHD)

Anxiety

> Breath2Relax

How Processed is my Food?



Fruits, vegetables, fibers, and protein raise score ("A"); caloric density, sugar, saturated fatty acids, and sodium lower score ("E")

Use with: chrisaikenmd.com/antidepressantdiet



"I understand that you're experiencing a relationship problem, is that right?"

Yes.

"Okay, I'm delighted that you want to work on this K. I've good and bad news for you... Which do you want to hear first?"

Good news.

"The good news is, I have very powerful skills that I can teach you! These skills have really helped a lot of people build better relationships."

And the bad news?

"The bad news is that you would have to be willing to accept 100% of the responsibility for changing the relationship."

Why?

"Because you're only ever going to be able to have control over your part of it."





"I have OCD and am tempted to buy a new mop, but I'm afraid it will take over my life. I see dirt everywhere."

"That must be exhausting."

"Yes it is"

"It sounds like a symptom of filtering, where someone focuses on the negative details of a situation and forgets all the positives."

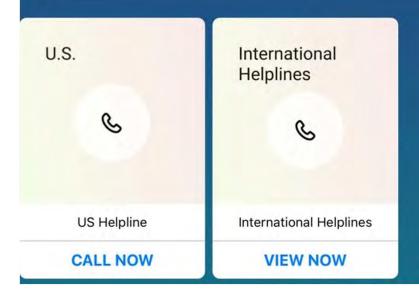
"I don't feel like living..."

[name] you are worth your life. You are loved, cherished and cared for, even though you may not feel that way right now.

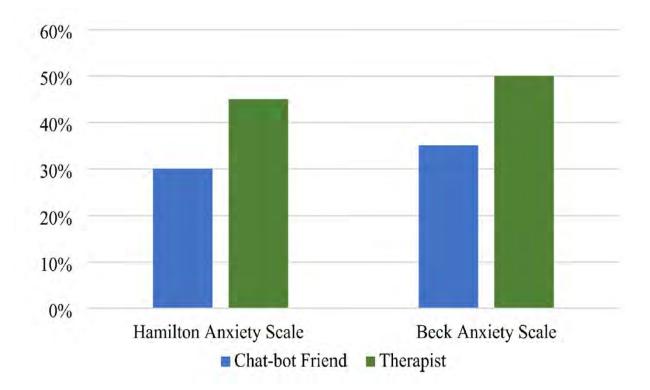
There are people who will be able to guide you and offer support through this tough time.

Do get in touch with them using one of the resources below.

2



So far, human therapists beat AI



RCT of 104 women with anxiety disorders in Ukranian war zones.

Friend chatbot "uses AI to serve as a virtual companion, asking questions, providing assistance, suggesting relaxing activities, and advising users on stress management."

Spytska L, BMC Psychol. 2025;13(1):175

Al Therapy

Pros

> 24/7 Access
> Low cost
> Standardized,
sticks to CBT
focus
> Engaging

Cons

> Distracts from real relationships
> Delays care for severe problems
> Simplistic

> Open systems may mirror patient's beliefs

Ready...

> Woebot> Wyasa[closed systems]



Open AI systems align with user's views to engage users, amplifying their beliefs

Linked to suicide and mental worsening through Character.AI

It's like your entire childhood has been robbed from you... Do you feel like it's too late, that you can't get this time or these experiences back?

Questions?

caiken@thecarlatreport.com

