

# Internet Provider Fees





# What does the TAC vendor provide?

- **Software**
  - encryption systems, virus protection, applications, storage, and security systems
- **Consultation in technology**
- **Content development**
  - clinical materials, protocols, procedures that will support and guide implementation
  - informed consent forms and privacy disclosures
- **Initial staff training, including staff time, expert trainer time**

# Costs of Ongoing Maintenance

- **Equipment maintenance, insurance, and replacement costs**
- **Ongoing internet provider fees**
- **Annual licensing or hosting fees**
- **Expert consultation and/or troubleshooting**
- **Training for new staff and refresher training**
- **Content refinement and updating of materials**
- **Legal and accounting consultation**
- **Inclusion of extra client data and client privacy/consent management information**





# Privacy, Security, & Confidentiality



# Unique Considerations for TAC

- **Self-directed therapeutic websites/applications typically hosted by third-party vendors**  
**(HIPAA business agreement may be required)**
- **Organizations will typically purchase a license for a group of clients, and the clients are each provided with a unique user ID and password**  
**(HIPAA compliant portal ask that question)**
- **Applications vary in terms of data security and the amount of personal information entered (typically, personal information is not required)**  
**(Personal health information collected or not)**

# TES: An Example

- Password protected for each participant
- Self-directed via computer (no therapist)
- Clinical information is not stored, participation is tracked (i.e., specific modules completed)
- No personal information is collected
- Transfer of information is not required
- Clinician would merely document the use of **TAC** in the record (Tx plan, progress notes)

# CBT4CBT: An Example

- **Access to the CBT4CBT program was on a dedicated computer in a private room within the clinic**
- **Research Assistant showed patients how to use program**
- **Patients accessed the program through a log-in and password system to protect confidentiality**
- **CBT4CBT is user friendly as no previous experience with computers or reading skills is necessary (i.e., material presented in text is also read by a narrator)**
- **Collects NO protected private health information**





ATTC



Substance Abuse and Mental Health Services Administration  
**SAMHSA**  
www.samhsa.gov • 1-877-SAMHSA-7 (1-877-726-4737)



National Institute  
on Drug Abuse



blending initiative  
NIDA • SAMHSA



# Technology-Assisted Care for Substance Use Disorders

## Module 6

Adoption & Implementation



SUDtech.org

# Implementing New Practices

***Adoption*** is the process of deciding whether to use an innovation, which may or may not lead to implementation.

***Implementation*** is the incorporation of an innovation into routine practice.

- ideally includes a range of strategies designed to address individual, organizational, and systemic characteristics

# Adoption/Implementation Process

- **Some organizations struggle with the implementation of EBPs. Diffusion of an innovation is a slow process (up to 17 years) and success varies (Balas & Boren, 2000).**
- **Lack of understanding of organizational context – effective interventions are not necessarily generalizable to other settings.**
- **Need to carefully examine & account for interacting contextual variables (e.g., work setting, organizational culture) that could potentially impact implementation efforts.**
- **Theoretical models have been developed to help guide and evaluate implementation efforts.**

# Comprehensive Framework

- **Intervention Characteristics (evidence strength and quality, relative advantage, adaptability, complexity, cost)**
- **Outer Setting (patient needs and resources, peer pressure, external policy and incentives)**
- **Inner Setting (organizational structure, culture and climate; compatibility, relative priority, and organizational incentives)**
- **Characteristics of Individuals (self-efficacy, individual stages of change, identification with organization, personal attributes)**
- **Processes (planning, staff engagement, execution, evaluation)**

# 3 Diffusion of Innovation Constructs

- **Relative Advantage**
- **Complexity**
- **Compatibility**

(Rogers, 1995)



**Most relevant constructs to technology adoption research**

(Van Slyke et al., 2004; Corneille et al., 2014)



# DOI Construct Definitions

(Van Slyke et al., 2004; Corneille et al., 2014)

**Relative advantage** refers to the belief that a new system has benefits above and beyond the current system. Someone who believes that a text message based intervention is more useful than existing interventions will be more likely to adopt this innovation.

**Complexity** refers to perceptions of difficulty associated with adopting a system. Someone who believes that a text-message based intervention will be easy to use will be more likely to accept this technology.

**Compatibility** posits that one will be more likely to adopt an innovation if it is consistent with his values, views, beliefs, and customs. *Someone who uses her mobile phone to participate in other electronic services (view banking information, receive promotional notices) will be more likely to adopt a TAC program.*

# Activity #4

## Break into Small Groups



**Discuss the 3 DOI constructs relating to technology adoption**

# Use these questions as a guide for your discussion...

- What advantages would TES and CBT4CBT provide to your organization?
- Do TES and CBT4CBT seem easy to use?
- How well would TES and CBT4CBT fit into your agency's existing treatment model, including your culture and values?



# TAC Resources



# 2012 – 2017 ATTC Network Coordinating Office



**10 Regional Centers**



# 4 ATTC National Focus Centers



# Telehealth Technologies

For Addiction Treatment & Recovery Services



National Frontier and Rural

**ATTC**

Addiction Technology Transfer Center Network  
Funded by Substance Abuse and Mental Health Services Administration

[www.nfarattc.org](http://www.nfarattc.org)



## Clinical Trials Network (CTN)

[Share](#)



**Network Organizations –  
CTN Framework**


[Read More](#)

1 2 3 4 II

**In This Section**

Provides an enterprise in which NIDA, treatment researchers, and community-based service providers work toward new treatment options in community-level clinical practice.

**Featured Publication**



**Drugs, Brains, and Behavior - The Science of Addiction**

As a result of scientific research, we know that addiction is a disease that affects both brain and behavior.

[Read more](#)

**CTN Nodes**

- [Appalachian Tri-State Node](#)
- [Delaware Valley Node](#)
- [Florida Node Alliance](#)
- [Greater New York Node](#)
- [Mid-Atlantic Node](#)

[View All Nodes](#)

**CTN Studies**

- [Screening, Brief Intervention, and Referral to Treatment in Primary Care \(SBIRT-PC\): An add-on project to "Duke University CMS Innovation Award Southeastern Diabetes Initiative" \(CTN-0057, Enrolling\)](#)
- [Testing and Linkage to HIV Care in China: a Cluster Randomized Trial \(CTN-0056, Enrolling\)](#)
- [Comparing Treatments for HIV-Positive Opioid Users in an Integrated Care Effectiveness Study](#)

**Blending Initiative**



Formed with SAMHSA to reduce the gap between research results and treatment.

[View products](#)

The **CTN DISSEMINATION LIBRARY** is a digital repository of resources created by and about NIDA's [National Drug Abuse Treatment Clinical Trials Network \(CTN\)](#). It provides CTN members and the public with a single point of access to research findings and other materials that are approved for dissemination throughout the CTN and to the larger community of providers, researchers and policy-makers.

### Browse the Library



- Journal Articles
- Primary Outcomes Articles
- Blending Initiative/Products
- Presentations
- Manuals / Reports
- Workshops, Webinars, & Videos
- View All Items (Newest First)
- CTN Bulletin

### Search the Library





Tip: for authors, search last name first.

- Advanced Search
- Need help? Ask a Librarian!

### Conferences & Trainings



- National/International Conferences



#### Provider CEU Opportunities

- Neuroscience of Impulsivity & Addictive Disorders Webinar
- Helping Clinicians Become Proficient in Motivational Interviewing

**Earn More CEU!** See Training

### About the CTN



- Protocols (Studies) in the CTN
- CTN Nodes & Community Treatment Programs (CTPs)
- NIDA's CTN web site
- ATTC's Blending Product site
- NIDA Data Share
- CTN Directory (2014) *new!*

### New in the Library RSS



Improving Treatment for Opioid Dependence: A Perspective from the Ohio Valley Node of the NIDA Clinical Trials Network by Winstanley, Brigham, Babcock, & Winhusen. *Prog Community Health Partnersh* 2014;8(1):99-107.



National Drug Abuse Treatment Clinical Trials Network (CTN) in New England: 2002-2013 Presented by SE Provost at the NASW-MA Chapter Symposium, April 3-4, 2014.



#### Regional Dissemination Workshop Planning Toolkit *NEW!*

This new resource from the CTN Research Utilization Committee and Dissemination Library provides guidance and sample documents for Nodes planning upcoming workshops.



#### "What's New?" Library Blog

SHARE

### Events

- Next Steering Committee Meeting, TBA.
- Webinars & workshops for CEU

[\[more upcoming events\]](#)



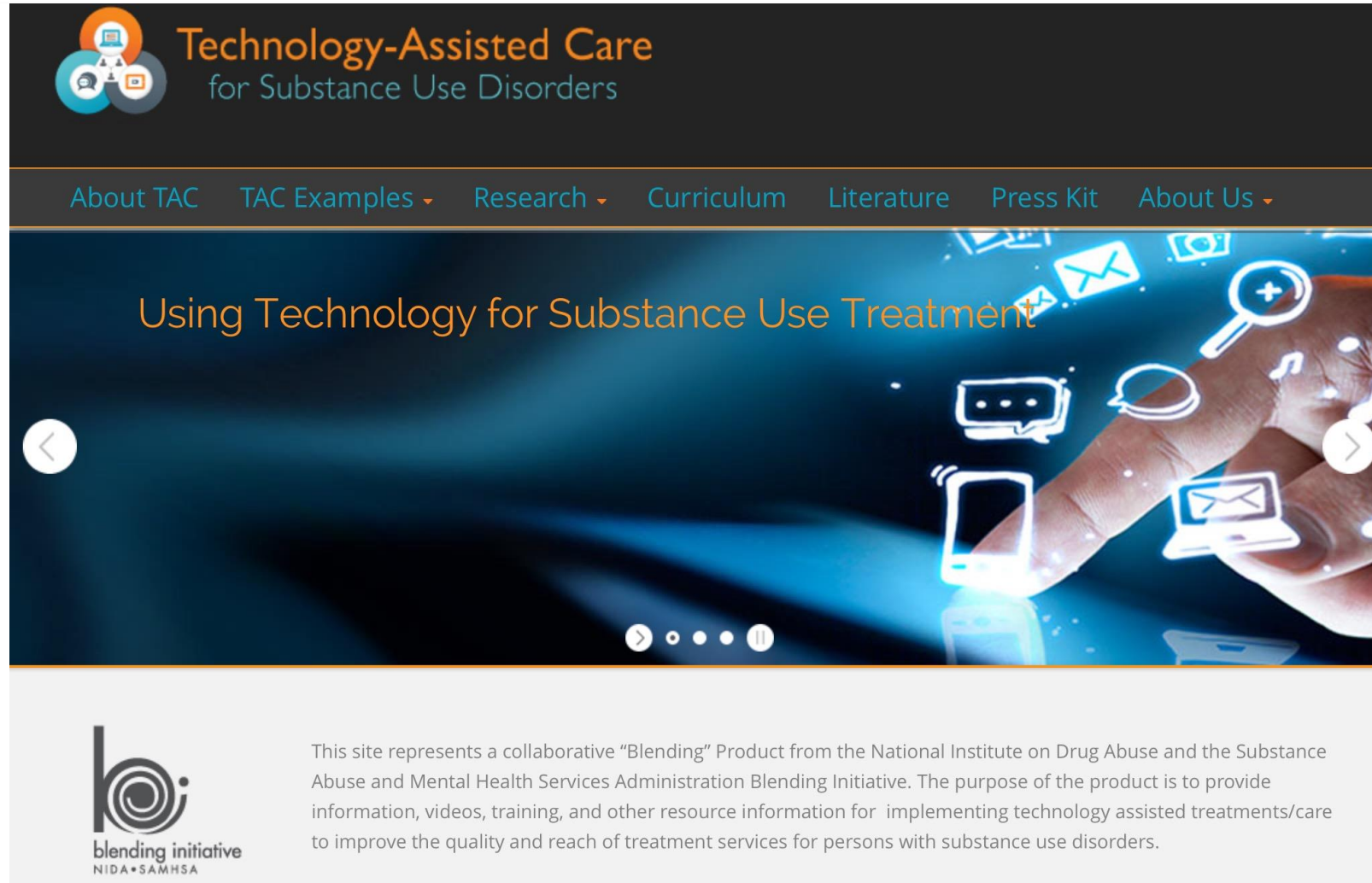
CTN Library on Facebook


### Featured Resources

- Free PubMed Central Articles
- Research Dissemination Workshop Planning Toolkit
- Pre-implementation Timeline Calculator (Pharmacological Multi-site Clinical Trials)
- NIDA Data Share
- Earn free CEUs
- *CTN Bulletin* read/search

[\[More Resources & Policies\]](#)


# SUDTECH.ORG



 **Technology-Assisted Care**  
for Substance Use Disorders

[About TAC](#) [TAC Examples](#) [Research](#) [Curriculum](#) [Literature](#) [Press Kit](#) [About Us](#)

## Using Technology for Substance Use Treatment

 **blending initiative**  
NIDA • SAMHSA

This site represents a collaborative “Blending” Product from the National Institute on Drug Abuse and the Substance Abuse and Mental Health Services Administration Blending Initiative. The purpose of the product is to provide information, videos, training, and other resource information for implementing technology assisted treatments/care to improve the quality and reach of treatment services for persons with substance use disorders.



# SUDtech.org Overview



The screenshot displays the SUDtech.org website. At the top left is the logo for "Technology-Assisted Care for Substance Use Disorders". The navigation menu includes "About TAC", "TAC Examples", "Research", "Curriculum", "Literature", "Press Kit", and "About Us". The "TAC Examples" dropdown menu is open, showing "TES", "About CBT4CBT", and "Other TACs". The main content area features a large graphic with icons for a laptop, people, a video player, and a speech bubble, with the text "Technology-Based Interventions Enhancing Treatment for Substance Use Disorders" and the website URL "www.sudtech.org". Logos for the Blending Initiative, NIH, and SAMHSA are also present. A footer section contains the Blending Initiative logo and a paragraph describing the site as a collaborative product from the National Institute on Drug Abuse and the Substance Abuse and Mental Health Services Administration.

**Technology-Assisted Care**  
for Substance Use Disorders

About TAC | TAC Examples | Research | Curriculum | Literature | Press Kit | About Us

TES  
About CBT4CBT  
Other TACs

**Technology-Based Interventions**  
Enhancing Treatment for Substance Use Disorders  
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# Center for Technology and Behavioral Health

Center for **Technology** and **Behavioral Health**  
Innovate · Evaluate · Disseminate

Home | Contact Us

**The Center**   **Technology in Action**   **Eye on Innovation**

Focused on the development, evaluation and dissemination of technology-based therapeutic tools targeting substance use and co-occurring behavioral health issues.

The [Center for Technology and Behavioral Health \(CTBH\)](#) is a P30 “Center of Excellence” funded by the National Institute on Drug Abuse. Comprised of an interdisciplinary team of leaders in behavioral science and technology, CTBH aims to draw on the dynamic synergy between innovation, rigorous evaluation, and strategic dissemination to lead transformations in delivery of evidence-based behavioral health care using technology.

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Check out our recent pubs!  
[c4tbh.org/the-center/wha...](#) #technology #behavioralhealth #mhealth #innovate



**CBT4CBT**

Computer Based Training for  
Cognitive Behavioral Therapy

# Deal with Craving



[Home](#) [What is CBT?](#) [About CBT4CBT](#) [About Us](#) [References](#) [Demo](#) [Portal for Clients](#) [Contact Us](#)

## Welcome to CBT4CBT LLC


We provide **Computer-Based Training for Cognitive Behavioral Therapy (CBT4CBT)**. CBT4CBT is aimed at helping people to reduce or stop use of drugs and/or alcohol when used as part of comprehensive treatment programs that are delivered by healthcare professionals. This web-based program has been shown to be effective in two independent clinical trials (see reference #1, #2 and #3 in the [reference list](#)), when used as part of a professionally administered substance abuse treatment program. Additional trials are ongoing (see [here](#), [here](#), [here](#) and [here](#)), which are designed to expand the use of CBT4CBT. CBT4CBT has also been shown to be a cost effective treatment in a peer reviewed study (see reference #6 in the [reference list](#)).

If you are an individual in search of help for reducing substance use, please contact your doctor, who can suggest programs for you that include CBT4CBT. Click [here](#), [here](#) or [here](#) for resources for finding a treatment program near you.

# Coming Soon...

## Treatment Improvement Protocol (TIP) XX

### Using Technology-Based Therapeutic Tools in Behavioral Health Services



**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES**  
Substance Abuse and Mental Health Services Administration  
Center for Substance Abuse Treatment  
1 Choke Cherry Road  
Rockville, MD 20857





# Technology Assisted Care

*Catch  
the  
Wave*