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Texas Child Mental Health Care Consortium

CPAN
Child Psychiatry Access Network

From Data to Action: Using Information Technology to Maximize the Performance of Pediatric Mental Health Care Access (PMHCA) and Maternal Depression and Related Behavioral Disorders (MDRBD) Programs

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- The slides were developed in collaboration with the TCMHCC Executive Team and the Trayt Team.
- Dr. Williams has no disclosures.
- Trayt is the data management platform that the state of Texas contracted to develop and manage our CPAN and TCHATT programs and outcomes.

Outline for Presentation

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1.TCMHCC

- Purpose and vision
- Programs
- Structure
- CPAN specifics

2. Improve the quality of your workflow

- Seamless workflow
- Reduced time note taking
- Simple structured data collection

3. Improve quality of leadership insights and analytics

- Facilitate HRSA and other agency reporting
- Measure program quality
- Enable population health research
- Accountability, training, and education for internal CAPP team

4. Support PCP Education

- Share educational content
- PCP ongoing access to standardized measures
- CME course and other targeted announcements

Vision

- **All Texas children and adolescents will have the best mental health outcomes possible.**

Mission

- **To advance mental health care quality and access for all Texas children and adolescents through inter-institutional collaboration, leveraging the expertise of the state's health-related institutions of higher education, local and state government agencies, and local and state mental health organizations.**

TCMHCC's Programs

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- Child Psychiatry Access Network (CPAN)
- Texas Child Health Access Through Telemedicine
- Community Psychiatry Workforce Expansion
- Child & Adolescent Psychiatry (CAP) Fellowships
- Children's Mental Health Research

Texas Child Mental Health Care Consortium

Executive Committee Structure
(35 Members)

Administrative Attachment
Higher Education Coordinating Board receives state funding and sends it to the Consortium for services as directed by the Consortium's plan, once approved by the Legislative Budget Board

Administrative Support Entity
UT System appointed by the Executive Committee to provide administrative support for Consortium activities

HRI and Medical Schools
(26 total members)
Two members per institution:
Chair of Psychiatry Dept.
President's Designee

HHSC
(2 members)
One services expert
One facilities expert

Nonprofit Orgs
(3 members)
Selected by Consortium:
Meadows MH Policy Institute
Hogg Mental Health Foundation
Texas Council of Community Centers

Hospital System
(1 member)
Selected by Consortium:
Children's Health

Higher Education Coordinating Board
(1 member)

Any other entity designated by the Chairs of Psychiatry members
(2 members)
Baylor S&W
UT System

Helps providers meet the mental health needs of Texas children and adolescents

What Free Services Does CPAN Offer?

Telephonic clinical consultation during business hours with a child psychiatrist or mental health clinician.

Care coordination for assistance with referrals to community mental health services.

Continuing professional education designed for pediatric primary care providers.

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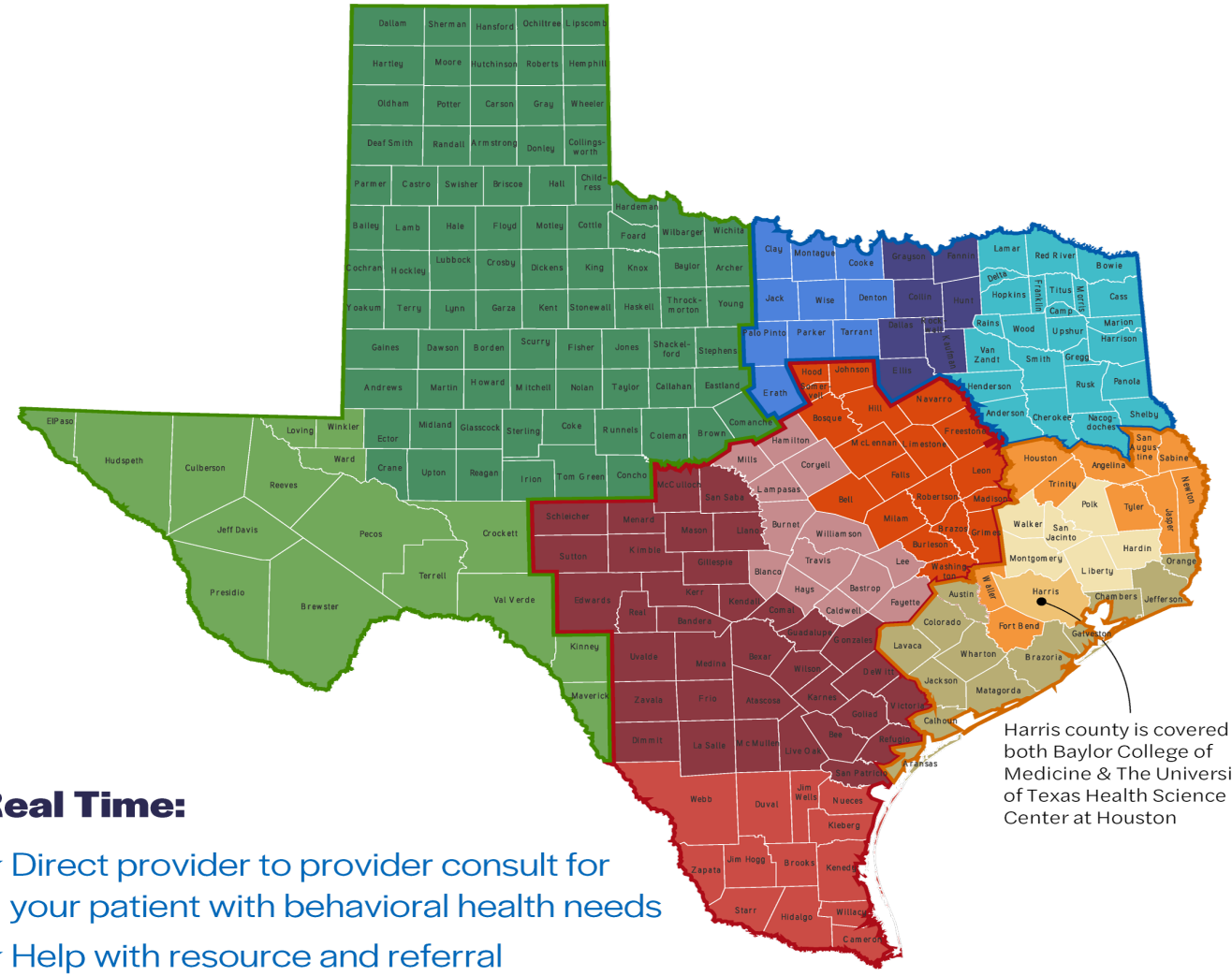
Call (888)901-2726 to reach CPAN



Dial 1
North and Northeast Region

1. University of North Texas Health Science Center
2. The University of Texas Southwestern Medical Center
3. The University of Texas Health Science Center at Tyler

Dial 2
South and Southeast Regions

1. Baylor College of Medicine
2. The University of Texas Health Science Center at Houston
3. The University of Texas Medical Branch at Galveston

Dial 3
Valley and Central Regions

1. Dell Medical School at The University of Texas at Austin
2. The University of Texas Health Science Center at San Antonio
3. The University of Texas Rio Grande Valley School of Medicine
4. Texas A&M University System Health Science Center

Dial 4
West Region

1. Texas Tech University Health Sciences Center
2. Texas Tech University Health Sciences Center at El Paso

Real Time:

- ★ Direct provider to provider consult for your patient with behavioral health needs
- ★ Help with resource and referral assistance

Platform Decisions

1. Understand as best as possible what your current AND future goals for the program will be
2. Create a workgroup with the appropriate stake holders to develop the list of mandatory features needed to have success
   - End users of the platform
     - Your team members
     - Primary Care Physicians that the program serves
   - Data analysts
   - Evaluation teams
   - Program leadership
3. Know your state requirements for procurement
4. Have an RFP and when possible have more than one team present their vision of your team's development goals

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Trayt Access Solutions & Architecture

Trayt Access Solutions:

Improving Access to Mental Health Care for highly impacted populations

Provider-to-Provider Consultation & Collaboration

Direct-to-Patient Intervention

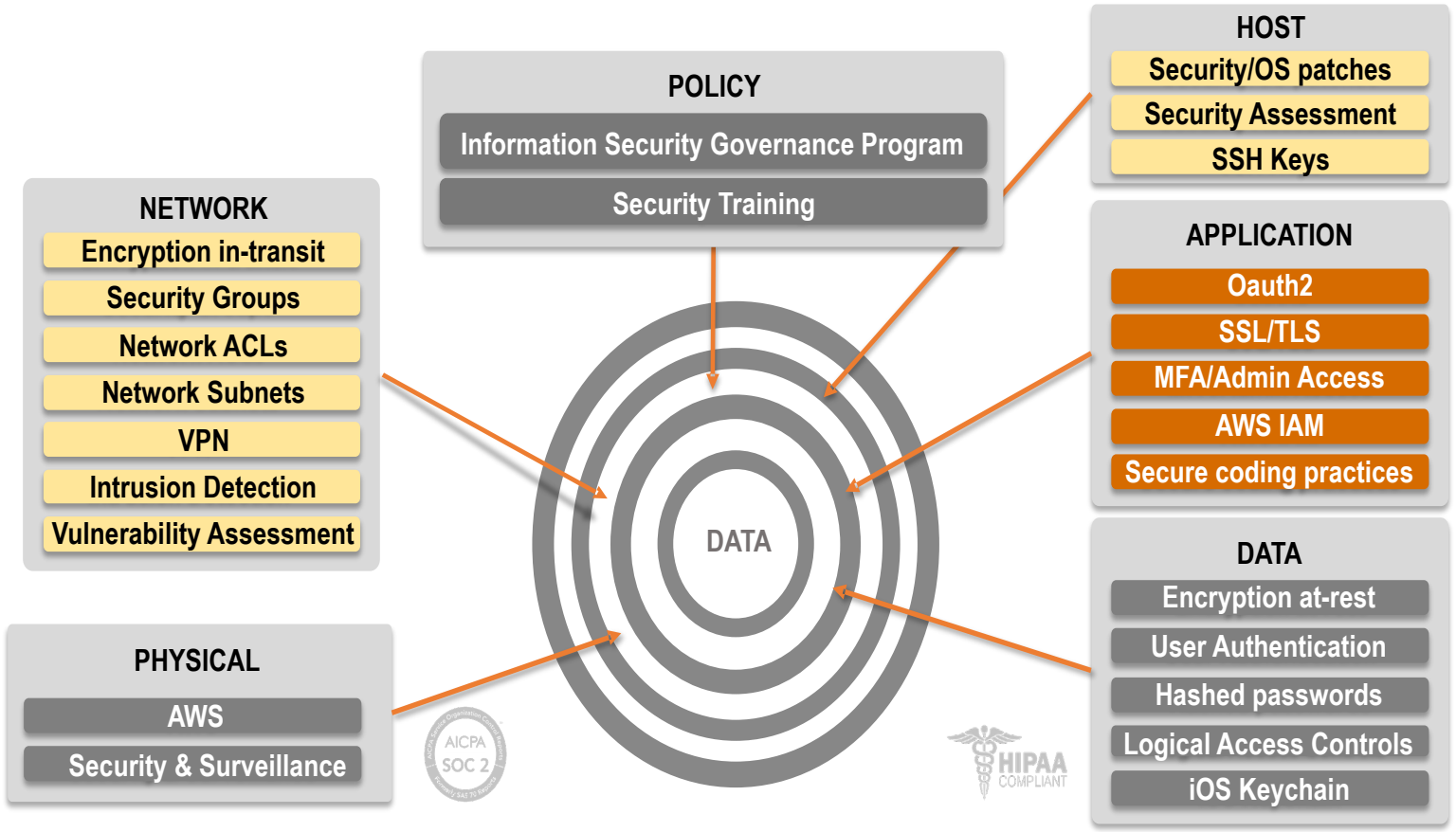
Primary Care & Specialist Clinics

School-Based Programs

Community & Home-Based Programs

Secure Applications & Data Management

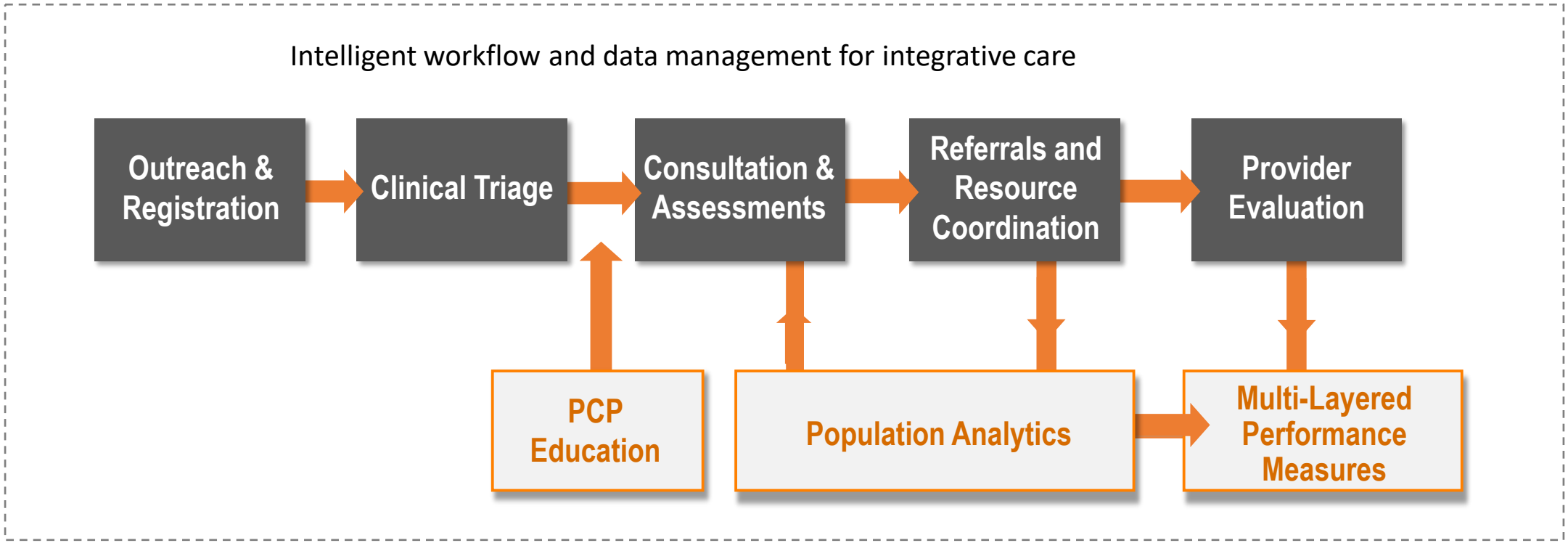
Defense in Depth



- ✓ Data & infrastructure security
  - End-to-end data encryption
  - No data storage on client
  - MFA & SSO for maximum security
- ✓ Company-wide training & certification in HIPAA & secure coding practices
- ✓ Regular third-party application security audit

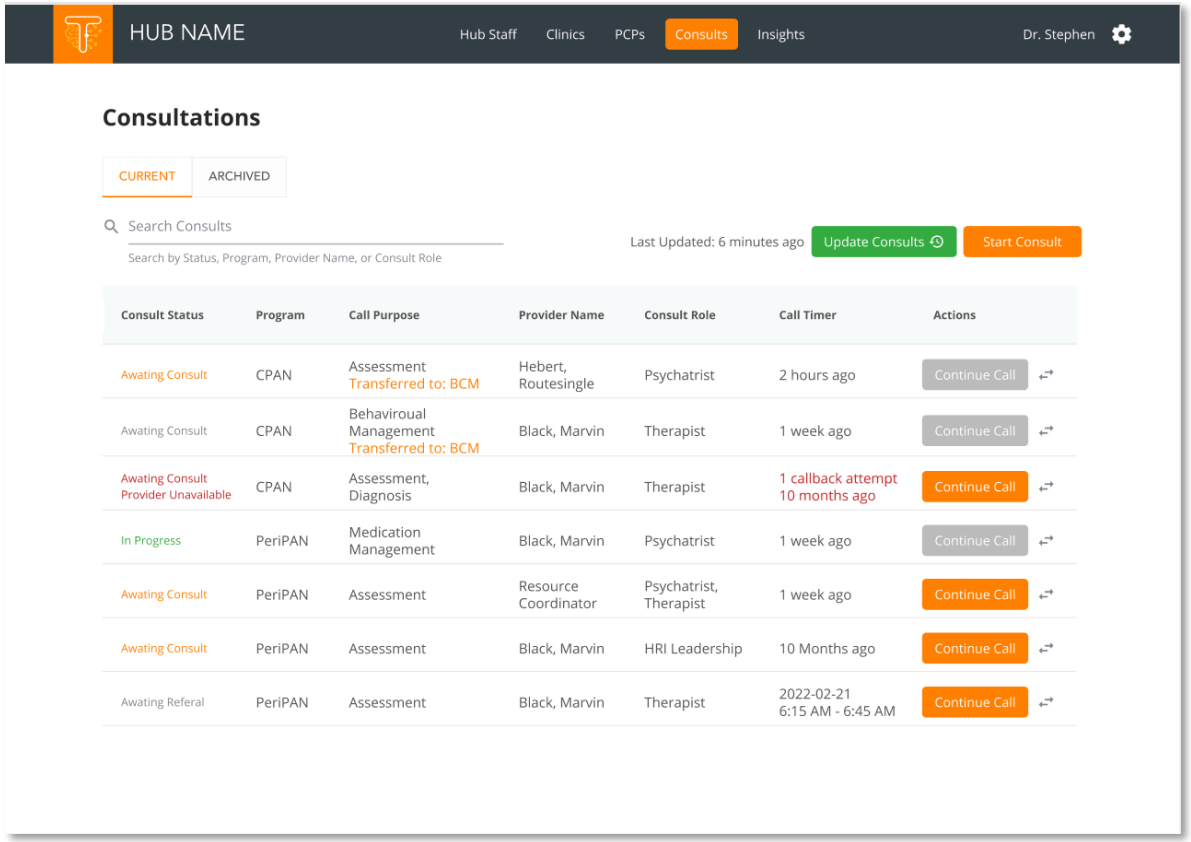
Trayt Psychiatry Access Solution Overview

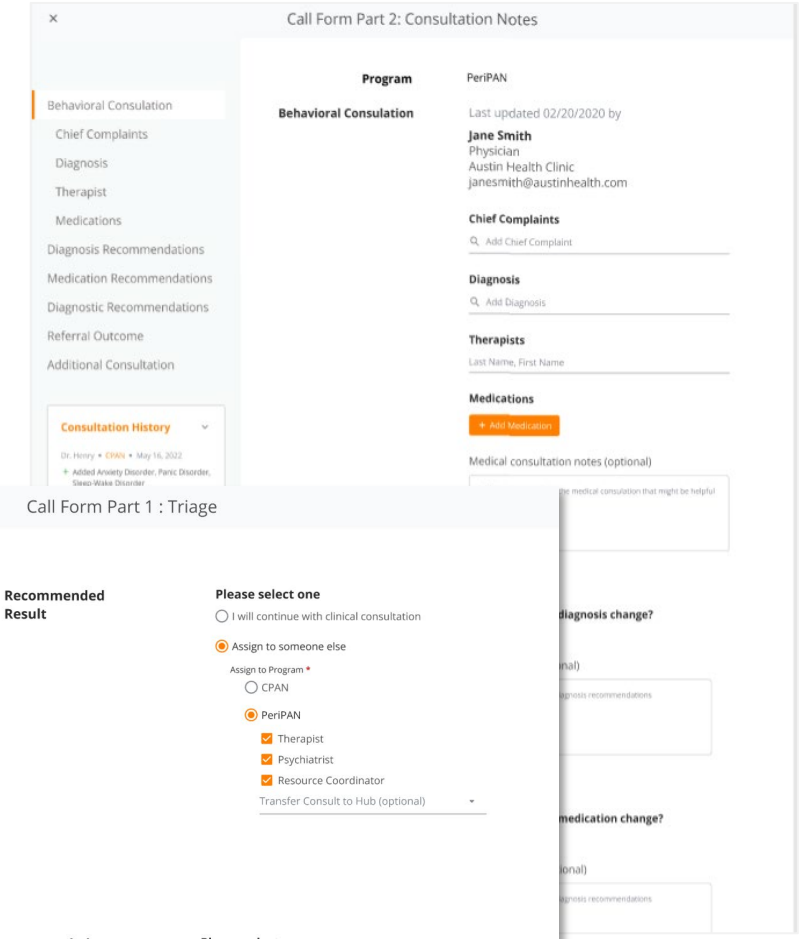
- Single end-to-end system to track and report state and program metrics
- Workflow & care coordination, documentation & reporting, population health insights

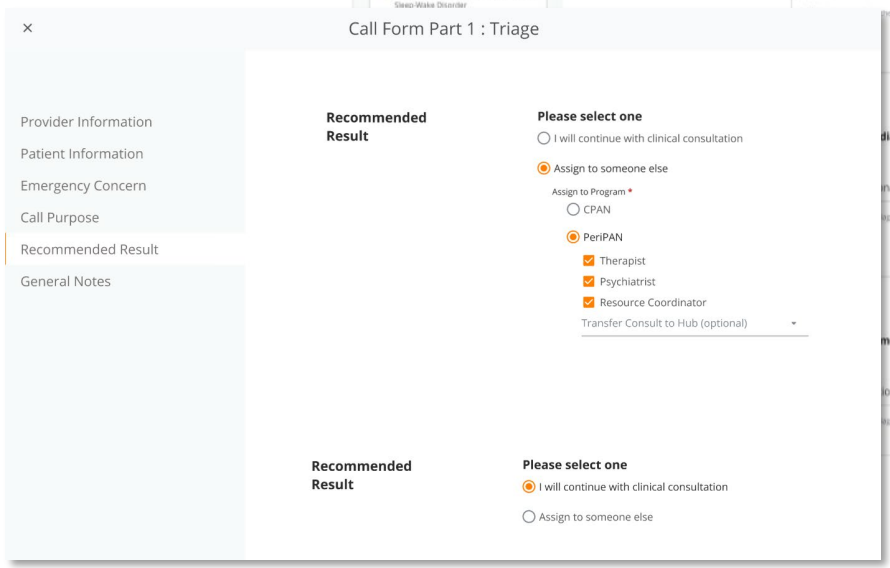


Coordinated Access Across Programs

Single Statewide Provider Database to Facilitate Program Collaboration







Roles & Permissions Based Logic

Governs access to PHI

	Register Providers & Clinics	View Directories	Consult Dashboards	Call Form Part 1 (Triage)	Call Form Part 2 (Behavioral)	Resources & Referrals	View Consult Records	Insights & Analytics	Staff Management
Leader	✓	✓	✓					Dashboard, key metrics & directory rpts	✓
Administrator	✓	✓	✓					Dashboard, key metrics & directory rpts	✓
Psychiatrist	✓	✓	✓	✓	✓	✓	✓		
Therapist	✓	✓	✓	✓	✓	✓	✓		
Resource Coordinator	✓	✓	✓	✓	View only	✓	View only		
Analyst		✓						Dashboard, key metrics & directory rpts	
Data Manager		✓						All	
FDSR	✓	✓	✓	✓					

Proposed PCP Portal and Platform improvements

1. Work assignments and tracking consultations to ensure timely response
2. Data linking PCP utilization and automated reminders for the program to assist teams' outreach
3. eRequests for consults
4. Standardized assessments
5. Document sharing (library of resources)
6. Referrals and resources
7. Consult summary
8. Insights
9. CME credits

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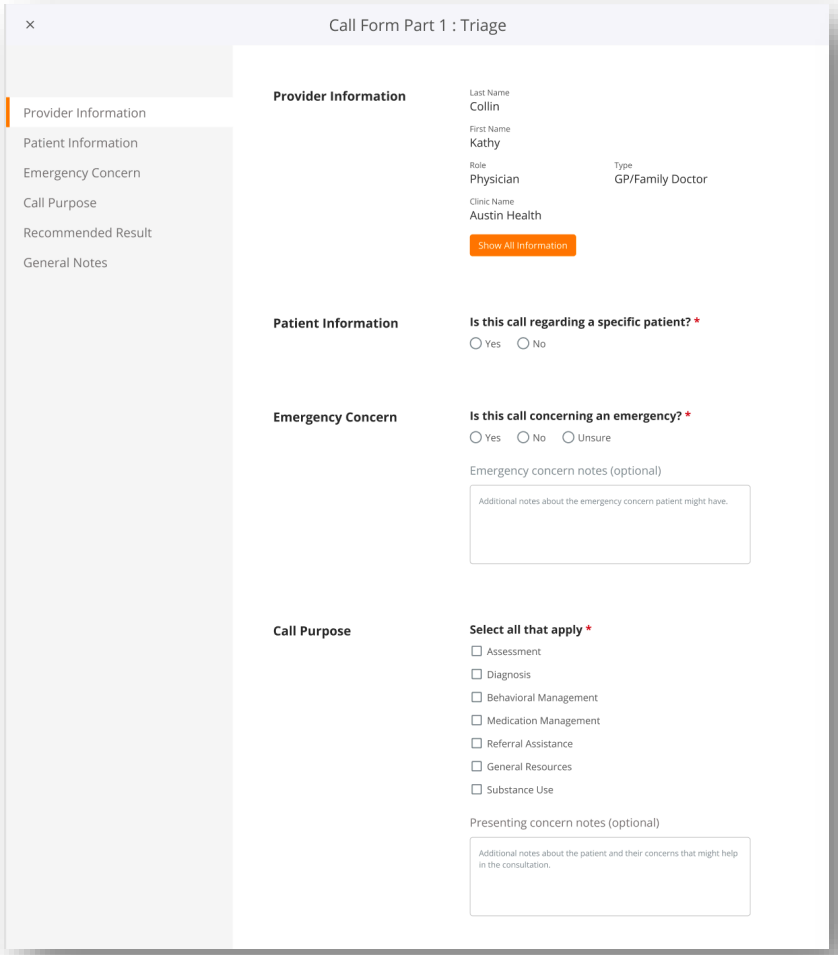
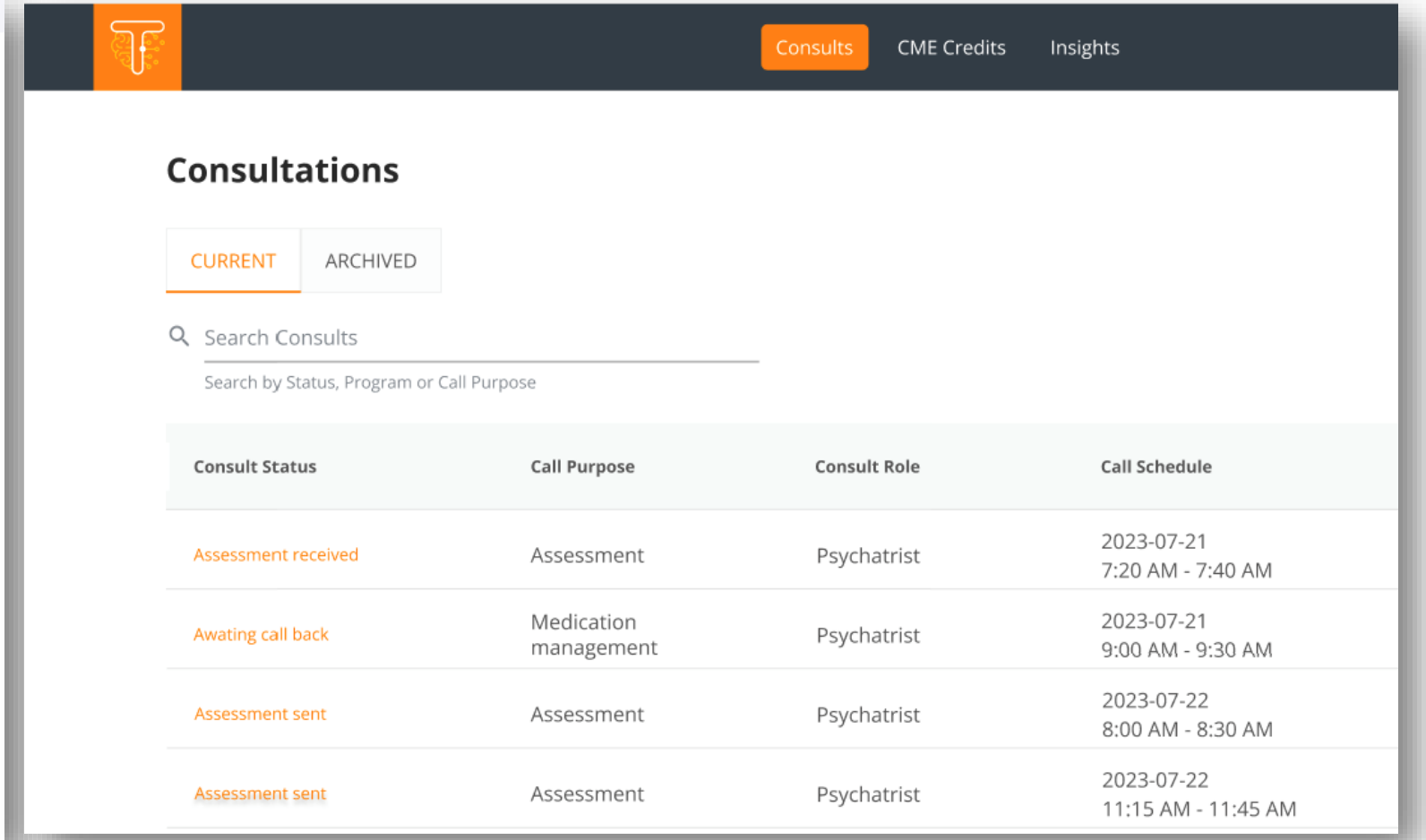
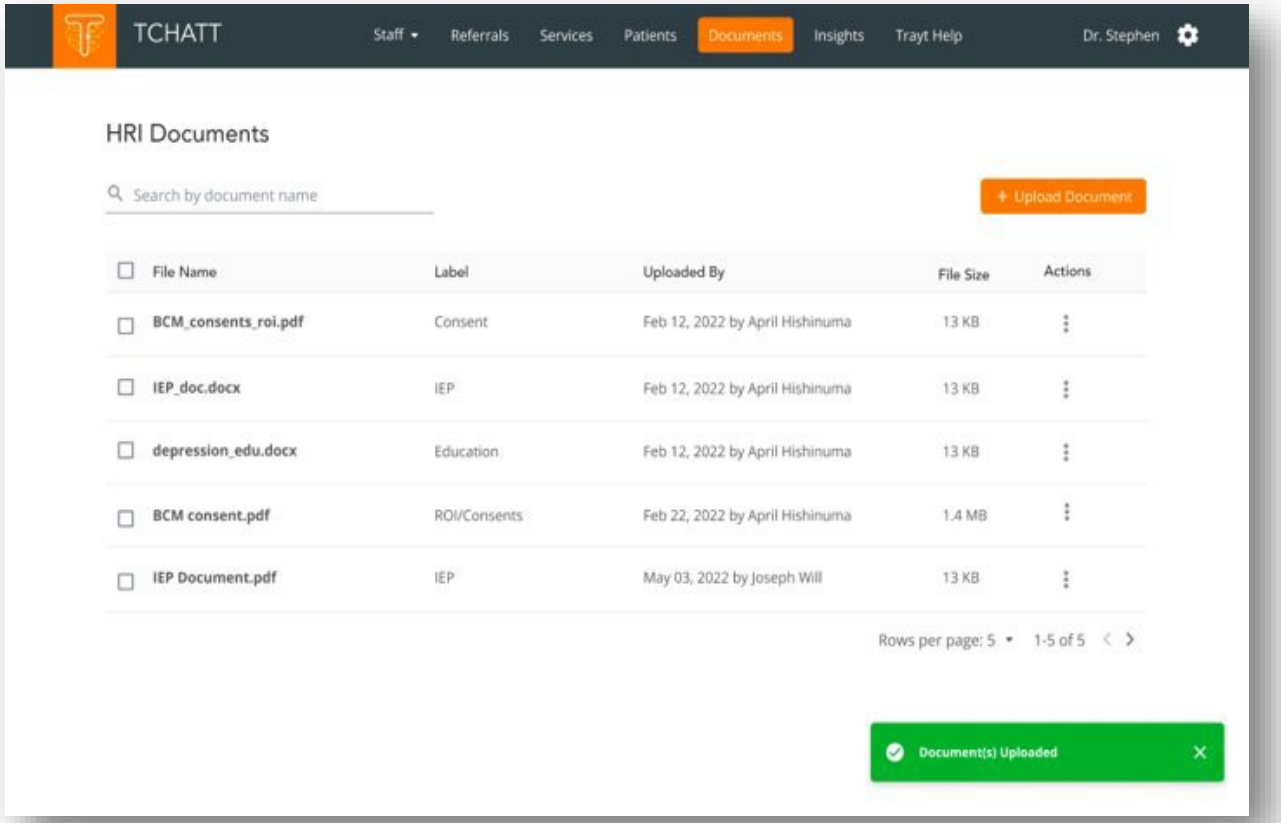
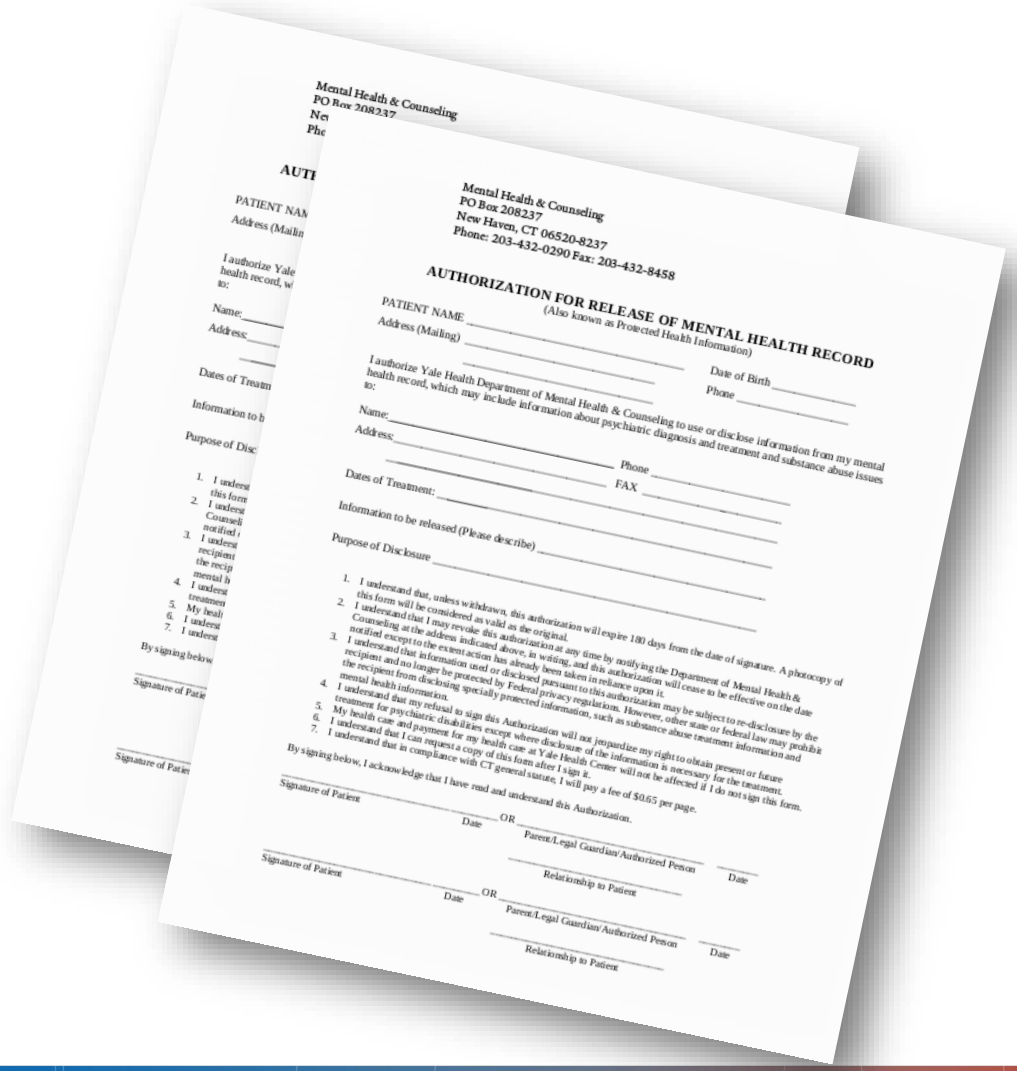
eRequests and Track Consults



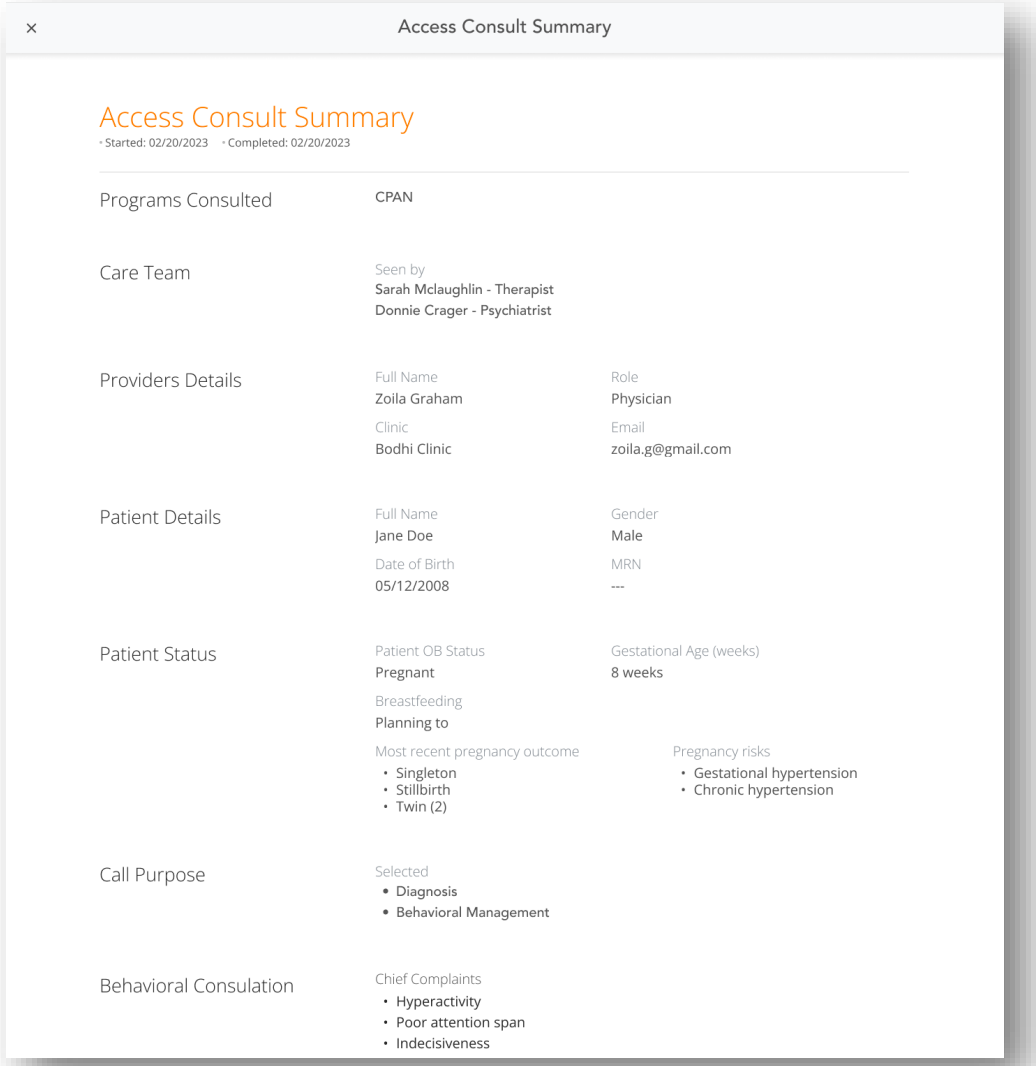


Knowledge Library & Document Sharing

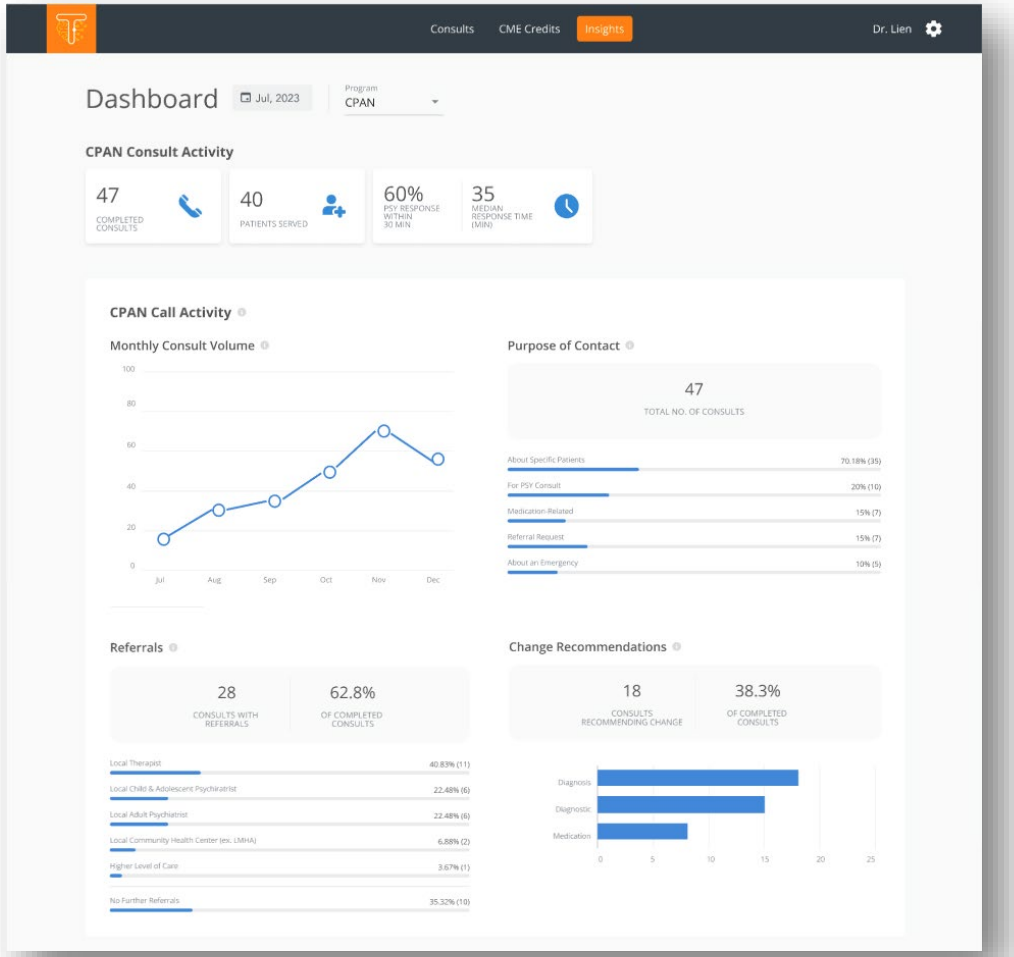


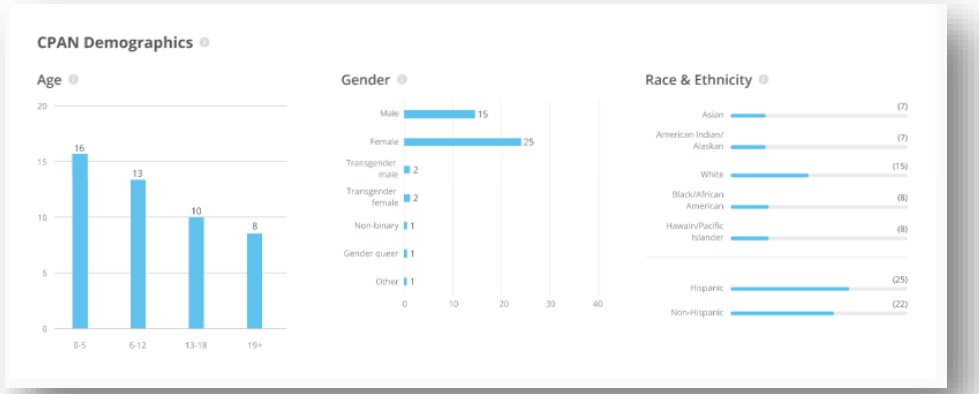


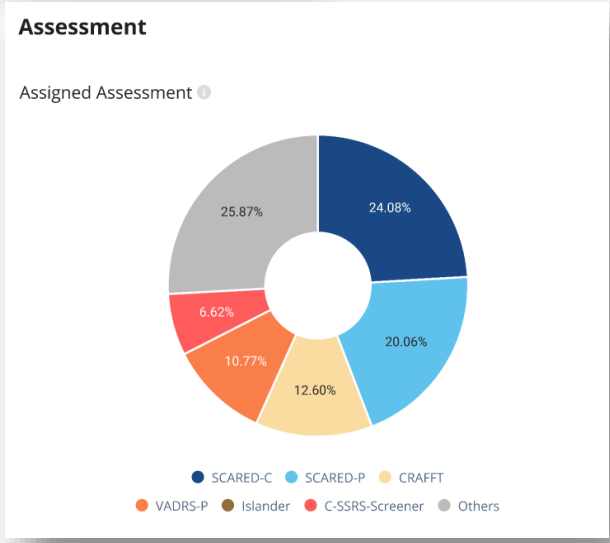
Consult Summary



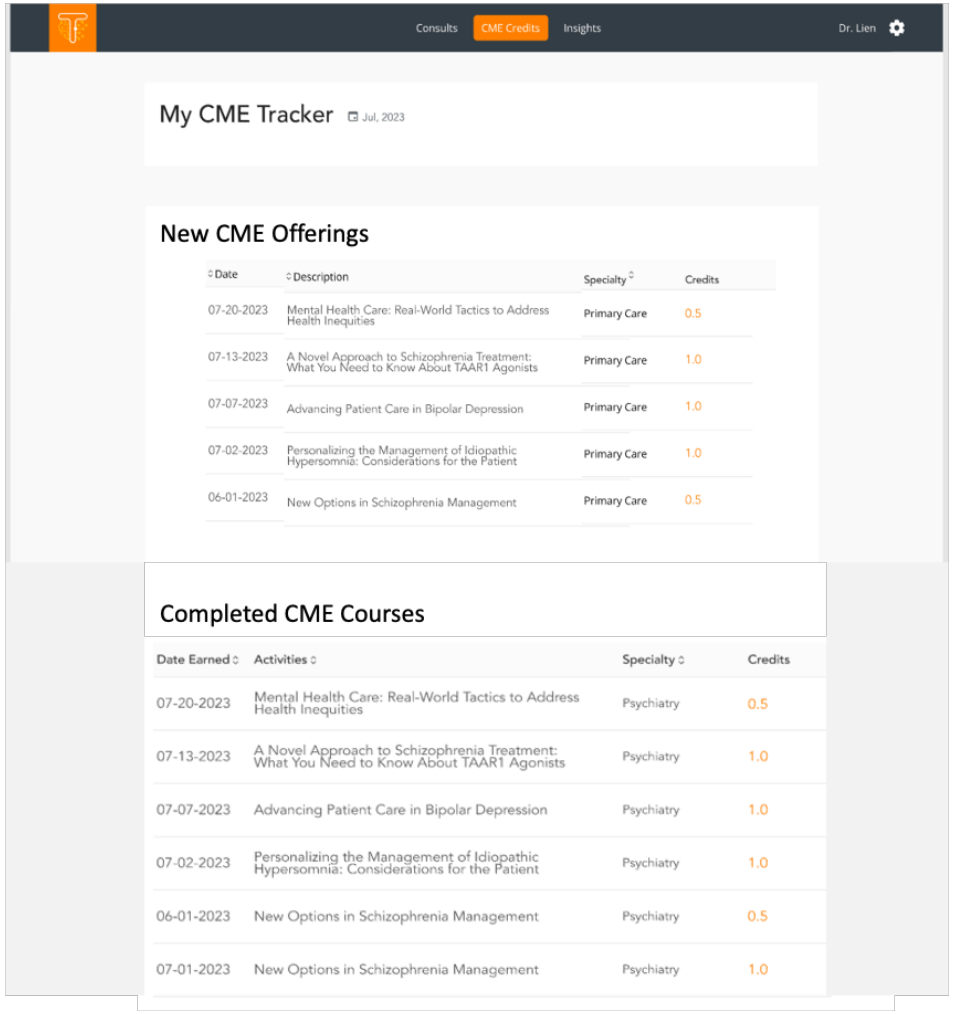
Patient Reports & Insights







CME Credits


Consults
CME Credits
Insights
Dr. Lien
My CME Tracker
Jul, 2023
New CME Offerings
Date
Description
Specialty
Credits
07-20-2023
Mental Health Care: Real-World Tactics to Address Health Inequities
Primary Care
0.5
07-13-2023
A Novel Approach to Schizophrenia Treatment: What You Need to Know About TAAR1 Agonists
Primary Care
1.0
07-07-2023
Advancing Patient Care in Bipolar Depression
Primary Care
1.0
07-02-2023
Personalizing the Management of Idiopathic Hypersomnia: Considerations for the Patient
Primary Care
1.0
06-01-2023
New Options in Schizophrenia Management
Primary Care
0.5
Completed CME Courses
Date Earned
Activities
Specialty
Credits
07-20-2023
Mental Health Care: Real-World Tactics to Address Health Inequities
Psychiatry
0.5
07-13-2023
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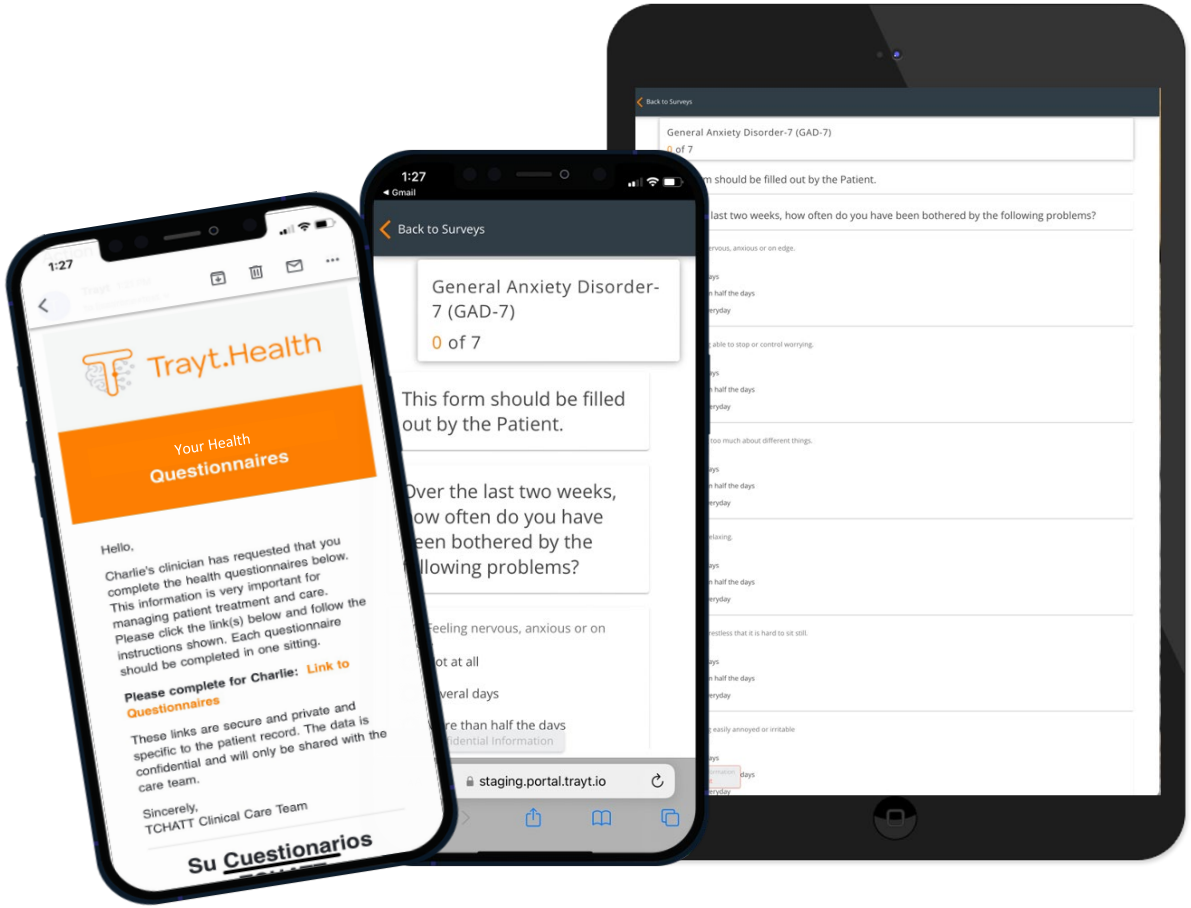
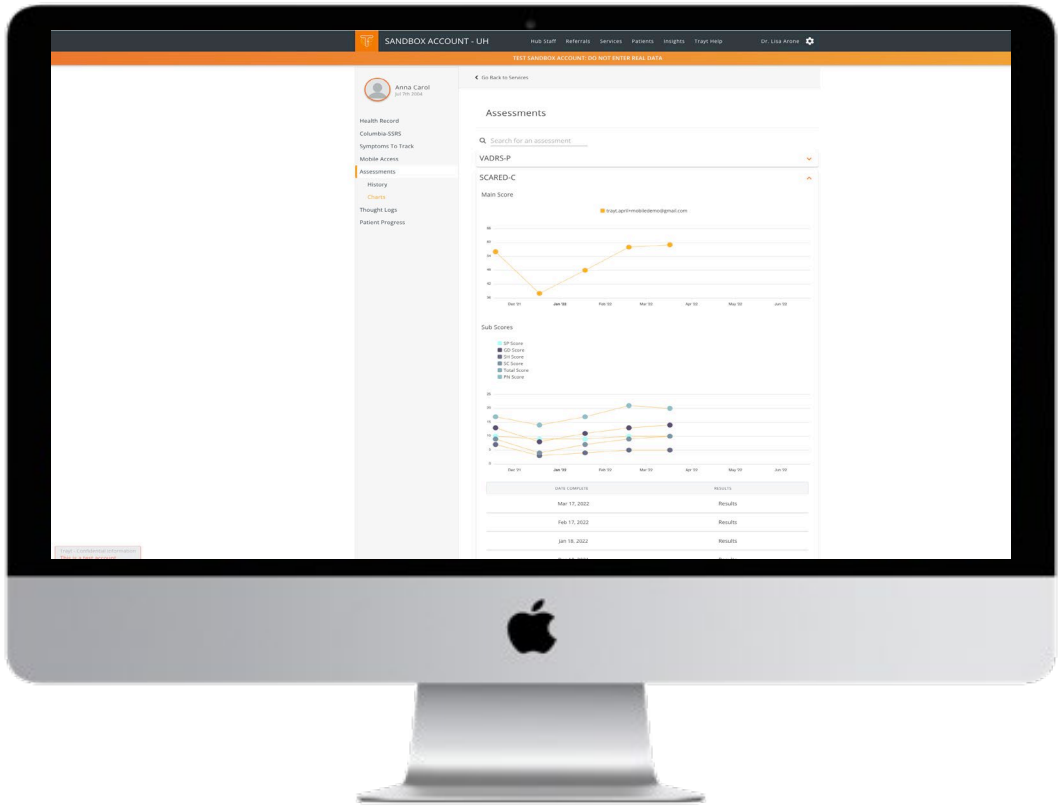
1.0

Digital Standardized Measures

Accessible, automated data collection, scoring, and longitudinal tracking





Robust Library of Most Common Standard Measures

Currently in the application in both English and Spanish:

- Buss Perry Aggression Questionnaire (BPAQ)
- Child Mania Rating Scale (CMRS Parent Version)
- Columbia Suicide Severity Rating Scale Screening (C-SSRS-Screener)
- CRAFFT +N Questionnaire
- CY-BOCS Self-Report Symptoms Checklist
- Eating Attitudes Test (EAT-26)
- Eating Attitudes Test (EAT-40)
- Frequency and Intensity of Burden of Side Effects Rating (FIBSER)
- General Anxiety Disorder (GAD-7)
- Patient Health Questionnaire (PHQ)
- Patient Health Questionnaire-9 (PHQ-9)
- Patient Health Questionnaire-9 Modified for Teens (PHQ-9-A)
- Screen for Child Anxiety Related Disorders - Child Version (SCARED-C)
- Screen for Child Anxiety Related Disorders - Parent Version (SCARED-P)
- CY-BOCS Severity Ratings
- Emotional Outburst Inventory (EMO-I)
- Patient Adherence Questionnaire (PAQ)
- Quick Inventory of Depressive Symptomatology (QIDS-A17 Parent)
- Sleep Quality Assessment (PSQI)
- Stanley-Brown Safety Plan
- Child& Adolescent Trauma Screen (CATS) 7-17 Years (Self-report)
- Child & Adolescent Trauma Screen-Caregiver (CATS-C) 7-17 Years
- Child & Adolescent Trauma Screen-Caregiver (CATS-C) 3-6 Years
- The Columbia Impairment Scale (Parent and Youth)
- SNAP-IV Parent & Teacher
- Vanderbilt ADHD Diagnostic Rating Scale - Parent Version (VADRS-P)
- Vanderbilt ADHD Diagnostic Teacher Rating Scale (VADRS-T)
- CPSS-V SR
- Quick Inventory of Depressive Symptomatology (QIDS-A17 Child, English)
- Quick Inventory of Depressive Symptomatology (QIDS-A17 Parent Version, English)
- Modified Overt Aggression Scale (MOAS)

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DEMO of Features for the CPAN Program

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Thank You and Questions?