

K-CAT[®] Pilot Initiative Webinar



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Agenda



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Agenda for Webinar

- Intro/Welcome (OMH & CWE)
- What is K-CAT[®]? (ATT)
- Pilot Setup (CWE)
- Pilot Review: goals & timeframe (CWE):
- How to participate (CWE)
- Q&A

Intro/Welcome (OMH & CWE)



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What is K-CAT[®]?



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What is K-CAT[®]? (ATT)

- A suite of computerized adaptive test based on multidimensional item response theory.
 - Ability to extract the same information from 400 depression symptom-items using an average of 10 adaptively administered items while maintaining a correlation of $r \geq 0.95$ with the 400-item test score.
- Cloud-based assessment providing a dimensional severity measure of depression, anxiety, mania, oppositional defiant disorder, conduct disorder, ADHD, substance use disorder*, and suicidality*
- Paired input by both the child and a parent / caregiver or other adult with an important relationship with the child
 - Completed paired interviews provide a probability of diagnosis for 6 of 8 domains
- Validated against KSADS interviews


Benefits of the K-CAT®

- Ideal for both screening and longitudinal measurement
 - Understanding underlying conditions, preparing for a visit, measuring progress over time,
- Estimates the severity of a disorder (e.g., depression) and a level of uncertainty of the severity score, measuring all participants to a similar level of precision
- Low clinician and patient burden with no response bias
 - Questions are different at each administration and are targeted to the child's specific needs
- Cloud-based and scalable with ability to integrate into electronic health or patient records
- Ability to measure and monitor in or out of the clinic


What can YOU do with the K-CAT[®]

- Screen all patients remotely, prior to clinical appointment
 - Identify areas of need and establish a baseline severity
 - Patient – clinician matching
 - Prioritize waitlist by severity of disorders and suicide risk
- Use follow-up assessments to facilitate measurement-based care
- Set treatment goals based on quantitative determinations
- Remotely follow patients

A snapshot of the K-CAT[®]: User Experience

 Audio


Sign out



Read each question carefully — there are no right or wrong answers. Please note that NOT all the questions refer to symptoms of an illness.

Please answer each of the questions by selecting your answer and then clicking **Next** to continue. You must answer each question before moving to the next question.

Audio is currently enabled. To turn it off, click the **Audio** button in the top left corner.

 **Begin questions**

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A snapshot of the K-CAT[®]: Clinician Facing Results

Dear Reviewer,

An interview was completed with the following information:

Participant ID: HW1001

Date: Tue Oct 24 18:10:01 UTC 2023

Child/ADHD (Past 2 weeks): 52.6 (moderate)

Child/Depression (Past 2 weeks): 49.8 (mild)

Please sign in to CAT-MH[®] at <https://test.cat-mh.com/panel/signin.html?guid=d0d2e734&intid=16596> to check on the details.

Best regards,
CAT-MH[®] Support



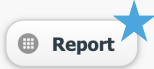
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* Substance use disorder and suicidality are self-report by the child only

A snapshot of the K-CAT[®]: Clinician Facing Results

Interview Details



Participant ID: HW1001

Start Time: Oct 24 20:07:59 2023

End Time: Oct 24 20:10:01 2023

Language: English

Timeframe: Past 2 weeks

+ Email History

Child/Age

Questions answered: 1/1

Child/ADHD

Category: moderate

Severity: 52.6

Precision: 5.8

Child/Depression

Category: mild

Severity: 49.8

Precision: 4.8



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Results can be printed to hard copy or PDF or downloaded as a .txt file

A snapshot of the K-CAT[®]: Clinician Facing Results

Test Details

Child/ADHD



Participant ID: HW1001

Start Time: Oct 24 20:08:12 2023

End Time: Oct 24 20:09:34 2023

Timeframe: Past 2 weeks

Category: moderate

Severity: 52.6

Precision: 5.8

Item	Answer	Duration	Severity		Precision
1	4	3.9	49.2	mild	11.3
2	2	5.0	48.0	mild	9.1
3	3	7.2	46.0	mild	8.8
4	4	6.2	50.7	moderate	8.0
5	5	3.4	53.0	moderate	7.9
6	3	4.9	54.3	moderate	7.5
7	4	4.4	54.3	moderate	7.5
8	4	5.5	54.8	moderate	7.4
9	1	4.5	47.6	mild	6.7
10	3	4.9	47.6	mild	6.7
11	2	4.9	47.6	mild	6.7
12	3	3.5	48.9	mild	6.5
13	3	6.6	49.3	mild	6.4
14	4	3.5	49.5	mild	6.4
15	3	6.3	52.6	moderate	5.8

A snapshot of the K-CAT[®]: Clinician Facing Results

Test Details Child/ADHD

Participant ID: HW1001
Start Time: Oct 24 20:08:12 2023
End Time: Oct 24 20:09:34 2023
Timeframe: Past 2 weeks
Category:
Severity:
Precision:

Item	Severity	Precision
1	49.2	mild
2	47.6	mild
3	48.9	mild
4	49.3	mild
5	49.5	mild
6	52.6	moderate
7	4.9	6.7
8	3.5	6.5
9	6.6	6.4
10	3.5	6.4
11	6.3	5.8

Item 1

I had trouble staying focused.

☐ Not at all

☐ Just a little

☐ Somewhat

☒ Quite a bit

☐ Very much

Previous Next

Pilot Setup



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Pilot Review: Goals and Time Frame (CWE)



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Pilot Review:

Participation:

- 10 clinics
- 5 clinicians participating per clinic
- ~500 individuals screened with K-CAT

Activities:

- 2 hr Initial Training
- Voluntary Office Hours
- Initial Pilot Meeting
- 6 month pilot
- 2 Learning Communities

Pilot Review: Timeframe (CWE)

2023:

November: Webinar & Application Available

December: Applications Due

2024:

January: Application review & participant notification

February: Learning Collaborative Kick Off

March: K-CAT® Training / Pilot begins

March–September: Pilot

April: Spring MAP training launches

June: 2nd Learning Collaborative

September: K-CAT® pilot concludes

October: 3rd Learning collaborative

Oct-Dec: 3 month wind-down (lessons learned & planning for next stage)

How to Participate



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How to Participate (CWE)

- Eligibility: OMH Clinics serving children/families (MHOTRS)
- **For consideration for pilot selection:**
 - CWE will track clinics w/ staff who are:
 - currently MAP trained
 - not MAP trained
 - interested in getting MAP trained in Spring 2024
 - May take into consideration geographic diversity in final choices
- Organizations also must be in good standing with NYS OMH
- Application due at the latest by **December 20th** (first come first considered)



Q & A



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