

PCC + CHADIS: Your Integration Q&A

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Introduction

- CHADIS: who they are and the benefits of their solution
- Integration between PCC and CHADIS
- How CHADIS works inside your PCC software
- Practical insights from Dr. Robin Warner
- Q&A

What is CHADIS

CHADIS generates patient health data by providing questionnaires to primary caregivers, patients and educators. CHADIS provides questionnaire results and treatment resources to providers and practice teams.

With CHADIS, primary caregivers, patients and educators complete questionnaires online before their appointments and results and patient specific resources are instantly available to review.

Benefits of CHADIS

- **Comprehensive questionnaire database**

- Hundreds of questionnaires available (eg: general medical, development, ADHD, asthma, emotional health, social determinants of health)

- **Ease of use**

- Questionnaires are instantly scored and interpreted
- Replace paper questionnaires to streamline office workflow

- **Convenience**

- Convenient for parents to complete questionnaires before visit
- Easy access to patient specific resources

- **Flexibility**

- Questionnaire invitations can be emailed to teachers
- In-office questionnaire completion available



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Benefits of the CHADIS & PCC Integration

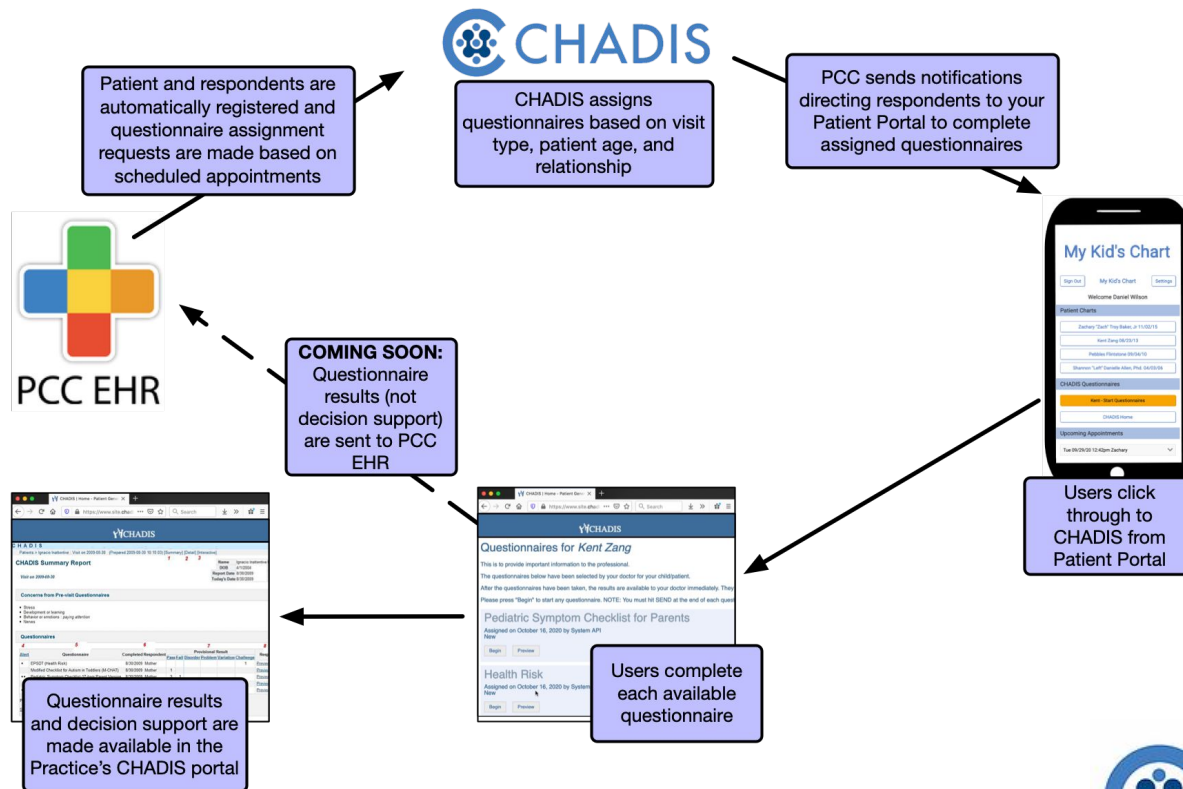
- Some PCC practices have been using CHADIS as a standalone tool.
- By partnering with CHADIS, PCC has now integrated these features into typical practice workflows.
- CHADIS questionnaire notifications and completion are driven through the Portal. Families will further rely on the Portal as a means of communication and management of their visits. PCC is continuing to add features to the Portal that will boost its usage (e.g. patient portal check-in).
- Seamless CHADIS results integration is coming soon!

CHADIS and PCC Integration: Prerequisites

Practices interested in an integration should be aware of the following:

- The practice will need to be using PCC EHR's Appointment Book.
- Scheduled patients will need to be associated with a Portal account.
- Practices should be setting patient relationships to Portal users. This ensures the correct questionnaires are assigned.

CHADIS Integration with PCC



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CHADIS Integration with PCC

Assign PCC visit reasons to CHADIS Visit Types.

CHADIS Visit Type Mapping
Map PCC Visit Reasons to CHADIS Visit Types. Questionnaires will be auto-assigned when a scheduled appointment has a PCC Visit Reason that is mapped to a CHADIS Visit Type.

Edit	New Patient Visit PCC Visit Reasons: Hosp Newborn, New Sick Call, Newborn Block, Newborn Recheck, Introductory Visit
Edit	Well-Child Visit PCC Visit Reasons: 10yr - 11yr Well Visit, 12mo Well Visit, 12yr - 13yr Well Visit, 14yr Well Visit, 15mo Well Visit, 15yr+ Well Visit, 15yr+ Well Visit (Cert), 16yr Well Visit, 17yr Well Visit, 18mo Well Visit, 18yr+ Well Visit, 1mo Well Visit, 1wk Well Visit, 2.5yr Well Visit, 2mo Well Visit, 2wk Well Visit, 2yr Well Visit, 3day Well Visit, 3yr Well Visit, 4mo Well Visit, 4wk Well Visit, 4yr Well Visit, 5yr Well Visit, 6mo Well Visit, 6yr - 7yr Well Visit, 8yr - 9yr Well Visit, 9mo Well Visit, Ex Well Visit, Well Visit
Edit	Developmental-Behavioral Visit
Edit	ADHD Initial Visit PCC Visit Reasons: ADHD Initial Visit
Edit	ADHD Follow Up Visit PCC Visit Reasons: ADHD Annual Visit, ADHD HS Annual Visit, ADHD MS Annual Visit, ADHD Elementary Annual Visit



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CHADIS Integration with PCC

Assign questionnaires by visit type, age, and relationship in CHADIS.

ADHD Initial Visit

	Questionnaire	Min Age	Max Age	Relationship
✕ ⬆ ⬇ ⬆	#320 Goals for Change ?	2 years 10 months	18 years 11.99 months	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#240 DSM-PC 5: Concerns ?	3 years 10 months	18 years 11.99 months	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#454 Childhood Sleep Questionnaire ?	2 years 10 months	18 years 11.99 months	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#409 Family Cardiac History ?	2 years 10 months	18 years 11.99 months	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#380 Child Medical History ?	3 years 11 months	18 years	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#665 Vanderbilt Initial Parent Informant ?	4 years	18 years	Any Primary Caregivers
✕ ⬆ ⬇ ⬆	#613 Adult ADHD Self-Report Scale (ASRS-v1.1) Symptom Checklist ?	12 years	21 years	Any Self

[Add a new auto assignment](#) [Test this visit type's auto assignments](#) [Copy these assignments to another visit type.](#)

CHADIS Integration with PCC

Schedule appointments & ensure patients are assigned to a Portal account.

Appointment Book

Schedule Appointment Add Block

Mickey Mouse 10y 5m 10/25/10 M ✕ +

ADHD Follow Up ▼ 15 min + -

Leonard McCoy, MD ▼ PCP: Casey

W. Winooski Pediatrics ▼ ☐ All Locations

mm/dd/yy ▼ 12:00am ▼ ◀ ▶ ⌂

Appointment Note

☐ Telemedicine add Patient Link ▼

Clear Open Chart Details Save

Patient Details

Mickey Mouse 10 yrs, 5 mos 10/25/10 M

▶ Details Remove Reschedule Edit

Patient Portal Users

Name:	Jim Leahy (Father)	Last Login:	never
Sign In:	jim@pcc.com	Identity Verification:	Verified
Portal Notifications:	jim@pcc.com	Unread Messages:	0
Balances:	Personal balances not displayed	Unviewed Documents:	2

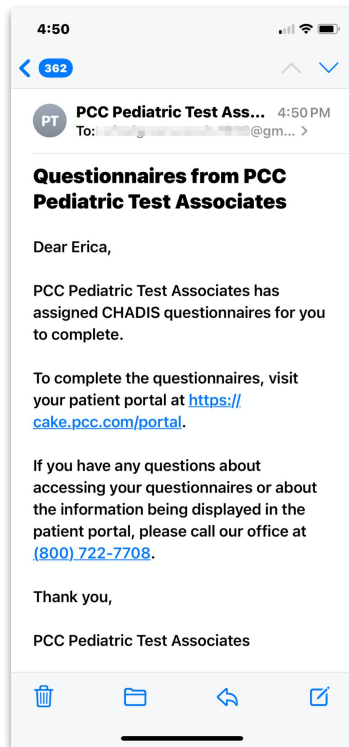
Account Balances

Mickey Mouse (Account # 3989)

Aging	0-29 days	30-59 days	60-89 days	90-119 days	120+ days	Credit
Personal	178.00	0.00	0.00	0.00	0.00	0.00
Insurance	0.00	0.00	0.00	0.00	0.00	0.00
Medicaid	0.00	0.00	0.00	0.00	0.00	0.00

CHADIS Integration with PCC

Portal accounts will receive a message 7 days prior to the appointment (or same day if the appointment is scheduled within 7 days). The notification they receive is based on the portal account's user preferences (SMS/email).



PCC Pediatric Test Associates has assigned CHADIS questionnaires for you to complete in your patient portal.

Sign in to your portal at <https://ehrdesign.pcc.com/portal>.
Questions? Call (800) 722-7708.
Don't reply.

CHADIS Integration with PCC

Portal accounts log in and click on the orange CHADIS questionnaires button.

[Sign Out](#)[My Kid's Chart](#)[Settings](#)

Welcome Erica Zang

Patient Charts

Kent Zang 01/09/14

CHADIS Questionnaires

Kent - Start Questionnaires

CHADIS Home

Upcoming Appointments

Tue 04/13/21 5:00pm Kent

Messages

Create Message

Contact Us

PCC Pediatric Test Associates
(800) 722-7708
20 Winooski Falls Way
Suite 7
Winooski, VT 05404-2228

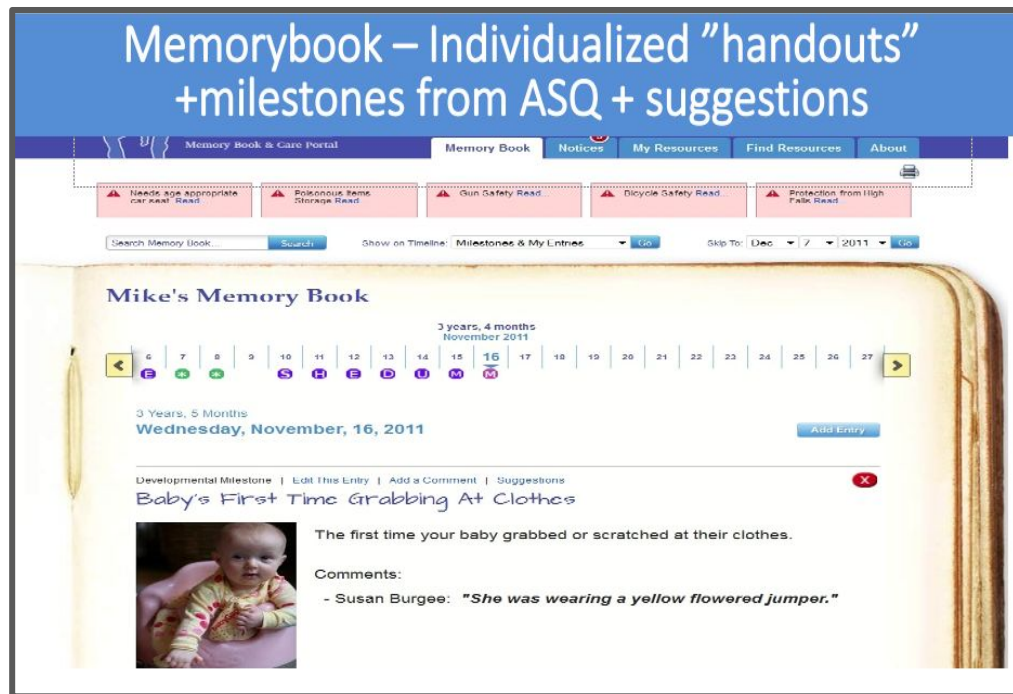


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CHADIS Integration with PCC

The CHADIS Home button allows easy access to CHADIS to view the MemoryBook and access resources.



CHADIS Integration with PCC

As of PCC EHR Release 8.14, you can receive the screening/questionnaire results to your CHADIS Portal, and can attach these to patient charts.

Coming soon, you'll be able to receive results directly into PCC EHR!

CHADIS Integration with PCC (upcoming)

Using PCC's Component Builder, you'll configure your orders to receive CHADIS results.

Screening Orders

Screening Orders - Edit Order

Order Name:

☒ "Include on Patient Reports" will be selected when this order is issued

☒ Allow this order to be Refused

☒ Allow this order to be Contraindicated

SNOMED CT Procedure for reporting

Tests to Include

CHADIS Questionnaires

Modified Checklist for Autism in Toddlers Revised, #362

☐ Signature required for results

CHADIS Integration with PCC (upcoming)

PCC will auto-populate screening orders in the encounter as questionnaires are assigned to the portal. When questionnaires are completed, results will attach to the screening orders automatically.

The screenshot displays the PCC EHR interface for a patient named Kent Zang (PCC# 1038). The left sidebar shows a menu with options like Medical Summary, Demographics, History, and various clinical notes. The 'Screening' section is highlighted. The main content area shows the 'ADHD Initial' screening results, which are auto-populated from the CHADIS system. The results include a list of symptoms and scores, such as 'Total Symptom Score (total # out of 18 at 2 or 3): 13' and 'Performance: Reading (Signif. 4 or 5/5): 3'. The interface also shows a 'Tasks' section with '1 (0 Completed)' and a 'Task: Complete Task' button. At the bottom, there are buttons for 'Previous', 'Next', 'Bill', 'Sign', 'Close', 'Save', and 'Save + Exit'. The user is signed in as 'erica at Lake'.

PCC EHR

Kent Zang PCC# 1038

Medical Summary

Demographics

History

Visit: 04/13/21

ADHD Initial

Appointment Details

Intake

Chief Complaint

Medications

Vitals

ADHD Fam Hx

School/Home/Psych

Physical Exam

Screening

Assessment

Diagnoses

Plan

Time of visit

Arrive Patient

ADHD Initial

Screening

Edit Vanderbilt Ordered

DETAILS

CHADIS Result: Vanderbilt Initial Parent Informant
From: Erica Zang (mother) 04/13/21

- ***Disorder: ADHD, Combined presentation criteria met; off meds
- **Problem: Anxiety/Depression scale above cut score; off meds (Signif. $\geq 3/7$ items at 2 or 3): 4
- Total Symptom Score (total # out of 18 at 2 or 3): 13
- Inattentive symptom score (Signif. $\geq 6/9$ at 2 or 3; $\geq 5/9$ if 17+ yrs): 7
- Inattentive symptom avg. rating (0-3): 2.22
- Hyperactive symptom score (Signif. $\geq 6/9$ at 2 or 3; $\geq 5/9$ if 17+ yrs): 6
- Hyperactive symptom avg. rating (0-3): 2.0
- Sum of symptom item responses (0-54; 54 is worst): 38
- Performance: Academics Overall (Signif. 4 or 5/5): 4
- Performance: Reading (Signif. 4 or 5/5): 3
- Performance: Writing (Signif. 4 or 5/5): 4
- Performance: Mathematics (Signif. 4 or 5/5): 3
- Performance: Relationship with parents (Signif. 4 or 5/5): 3
- Performance: Relationship with siblings (Signif. 4 or 5/5): 3
- Performance: Relationship with peers (Signif. 4 or 5/5): 4
- Performance: Participation in organized activities (Signif. 4 or 5/5): 4
- Performance Mean Score (1-5; 1 best): 3.5
- Oppositionality scale below criteria; off meds (Signif. $\geq 4/8$ items at 2 or 3): 0
- Conduct scale below criteria; off meds (Signif. $\geq 3/15$ items at 2 or 3): 1
- First symptoms were noted at age: 5

Tasks: 1 (0 Completed)

Task: Complete Task

To: Due: 04/13/21

Previous Next Bill Sign Close Save Save + Exit

0 0 0 Chat PCC News Signed in: erica at Lake

CHADIS Integration with PCC (upcoming)

Results will optionally be available as a new item in the signing queue.

Signed	Ready	Patient	Items to Sign	Provider	Co-Signer	Docs
	08/31/20 04:12pm	Grayson Crane	CHADIS Result - Ages & Stages Questionnaires®, Third Edition...	Gomez		
	08/31/20 04:10pm	Mouse, Mickey	E-lab Results - Celiac Disease Comprehensive Panel Elab, ANA IFA...	Casey		
	08/31/20 01:36pm	Price, Justin	Visit - 5 Yr Well - (client v. I) Bright Futures	Gomez		
	08/30/20 04:22pm	Deschutes, Brooklyn Dolly	Visit - Imms Only	Woodward		
✓	08/30/20 01:34pm	Hudson, Walker	Visit - Sick - (client v. II) Bright Futures	Crusher		
	08/30/20 01:34pm	Hudson, Francis	Visit - 2 Yr Well - (client v. I) Bright Futures	Crusher		
	08/30/20 12:44pm	Baker, Zachary "Zach" Troy Jr	Visit - 4 Yr Well - (client v. I) Bright Futures	Crusher		
	08/30/20 10:57am	Angle, Erica L.	Visit - Med Review	Williams		
	08/30/20 10:45am	Greenawalt, Megan "Meggie" Marilyn	Visit - Med Review	Williams		
	08/30/20 10:02am	Soltesz, Steven "John" Elizabeth III.	Visit - 15-17 Yr Well - TLC	Williams		
	08/30/20 09:57am	Green, Janetta "Janny" Cole III.	Visit - 11-14 Yr Well - (client v. II) Bright Futures	Jones		
	08/30/20 09:36am	Merritt, Zachary	Visit - 11-14 Yr Well - (client v. I) Bright Futures	Crusher		
	08/30/20 09:23am	Smith, Baby	Visit - 10 Yr Well - TLC	Crusher		
	08/30/20 08:29am	Slaven, Bridgett	Visit - Sick - (client v. II) Bright Futures	Davidson		
	08/29/20 02:29pm	Blanchard, Rudy	Visit - 18 Mo Well - (client v. I) Bright Futures	Casey		

Items to Sign: All Signable Items

Signing Status: ☒ All Signable Items
☐ CHADIS Results
☐ Documents
☐ E-Labs
☐ Orders
☐ Phone Notes
☐ Visits

Provider: All Providers

Save My Defaults

Page Up Page Down

start

3 0 0

Chat

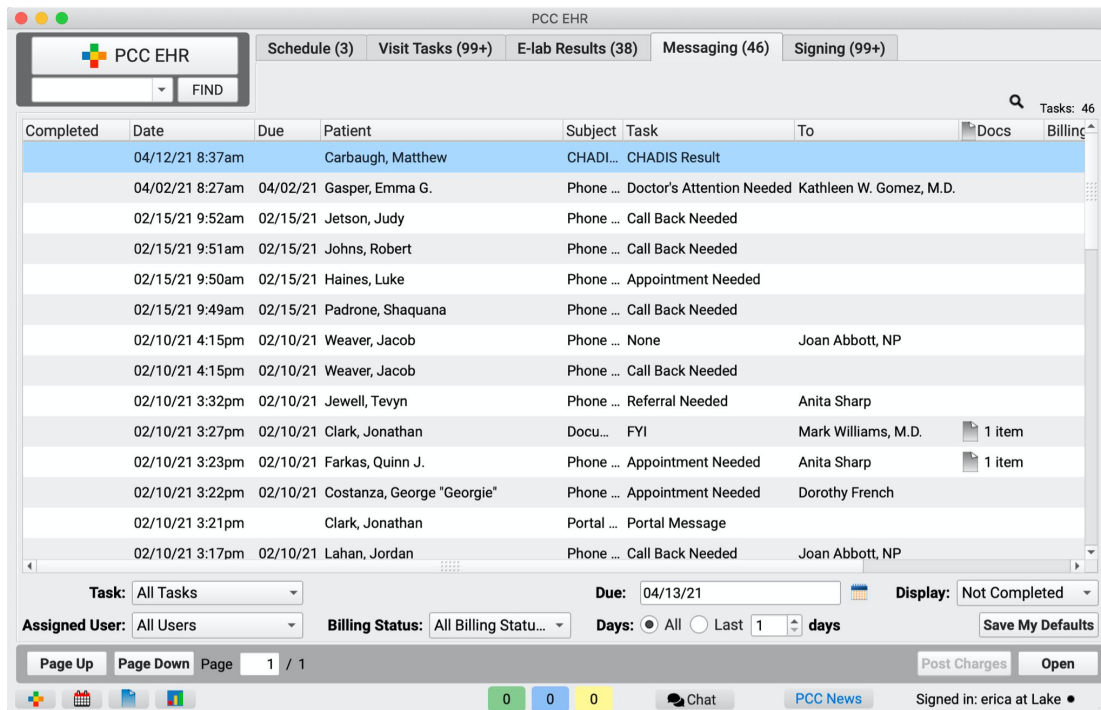
PCC News

Signed in: erica at Lake

04:12 PM

CHADIS Integration with PCC (upcoming)

Any unsolicited results will appear in your messaging queue.



Completed	Date	Due	Patient	Subject	Task	To	Docs	Billing
	04/12/21 8:37am		Carbaugh, Matthew	CHADIS...	CHADIS Result			
	04/02/21 8:27am	04/02/21	Gasper, Emma G.	Phone ...	Doctor's Attention Needed	Kathleen W. Gomez, M.D.		
	02/15/21 9:52am	02/15/21	Jetson, Judy	Phone ...	Call Back Needed			
	02/15/21 9:51am	02/15/21	Johns, Robert	Phone ...	Call Back Needed			
	02/15/21 9:50am	02/15/21	Haines, Luke	Phone ...	Appointment Needed			
	02/15/21 9:49am	02/15/21	Padrone, Shaquana	Phone ...	Call Back Needed			
	02/10/21 4:15pm	02/10/21	Weaver, Jacob	Phone ...	None	Joan Abbott, NP		
	02/10/21 4:15pm	02/10/21	Weaver, Jacob	Phone ...	Call Back Needed			
	02/10/21 3:32pm	02/10/21	Jewell, Tevyn	Phone ...	Referral Needed	Anita Sharp		
	02/10/21 3:27pm	02/10/21	Clark, Jonathan	Docu...	FYI	Mark Williams, M.D.	1 item	
	02/10/21 3:23pm	02/10/21	Farkas, Quinn J.	Phone ...	Appointment Needed	Anita Sharp	1 item	
	02/10/21 3:22pm	02/10/21	Costanza, George "Georgie"	Phone ...	Appointment Needed	Dorothy French		
	02/10/21 3:21pm		Clark, Jonathan	Portal ...	Portal Message			
	02/10/21 3:17pm	02/10/21	Lahan, Jordan	Phone ...	Call Back Needed	Joan Abbott, NP		

Task: All Tasks Due: 04/13/21 Display: Not Completed

Assigned User: All Users Billing Status: All Billing Statu... Days: All Last 1 days Save My Defaults

Page Up Page Down Page 1 / 1 Post Charges Open



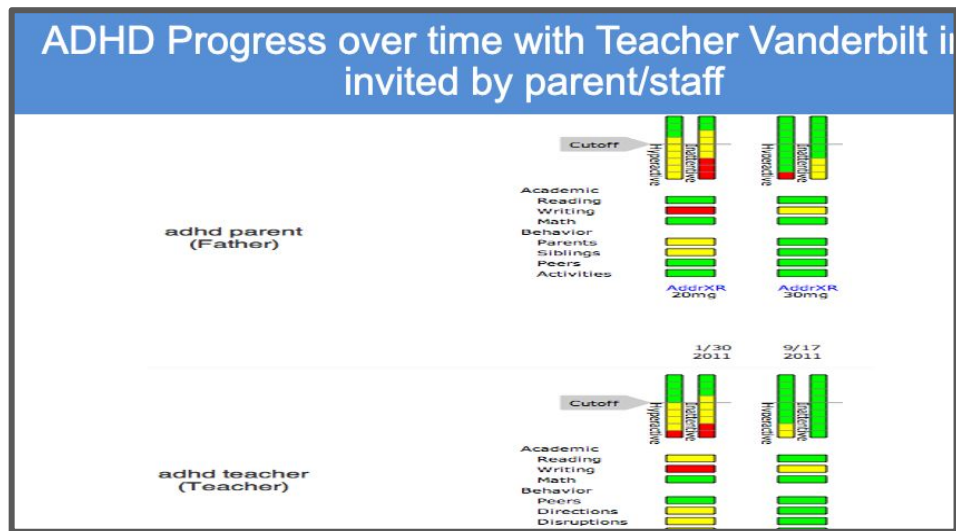
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Additional CHADIS Features

Decision support and patient specific resources are available in CHADIS:

- Patient specific education
- Graphical results



Additional CHADIS Features

Decision support and patient specific resources are available in CHADIS:


- Referral feature

Refer button can be targeted to local resources


Priorities

No pre-visit concerns indicated.

Questionnaires

Flags	Questionnaire	Completed	Respondent	Provisional Result					Responses	Follow-Ups	PST
				Pass	Fail	Disorder	Problem	Variation	Challenge		
***	Family Assessment of Safety and Stress 	7/31/19 4:53 PM EDT	Clinician	7					5	Preview Include	Begin
**	FASS Depression/Stress			2							Refer
***	FASS Substance Use			1					1		Refer
*	FASS Food Insecurity			2							Refer
***	FASS IPV			1					2		Refer
*	FASS Parenting Issues			1					1		Refer
	FASS Other Issue										
	FASS Smoke Exposure										
*	FASS Poison # or Smoke Detector Needed								1		

Please verify that respondents are the appropriate individuals and the questions were understood

 [Show copy-and-paste-friendly version of these results](#)

Additional CHADIS Features

Decision support and patient specific resources are available in CHADIS:

- Automatic follow-up questionnaires
- Patient specific templates (ADHD, asthma, youth w/depression & substance abuse, family stress)

CHADIS PST Report Created: 3/9/21 by Provider Name

Available to paste into the patient's chart in PCC

Visit Note

--CHIEF CONCERN - Youth: Nope.

--CHIEF CONCERN - Parent: Healthy eating activity. She loves to cook and our new kitchen will be done soon. I want to work with the kids to cook healthy for the whole family. I also have been trying to work as a family to do more outdoor hiking walks biking as the weather improves

--Sleep Goal: Not ready to choose goal in this category

--Stress Goal: Talking with someone, Prayer or meditation

--Greatest CHALLENGE - Parent: Sometimes she gets stressed and working on ways to deal with stress in a healthy manner.

--Office has immunization history - Parent: Yes

--Injuries: Cut her leg on glass when walking past a trash bag unaware there was glass in there



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Implementing CHADIS: Client Perspective

Dr. Robin Warner of Union Pediatrics helped pilot the PCC-CHADIS integration. As an existing CHADIS user, Dr. Warner offers a few keys to success in navigating the integration:

- Determine which patients have an associated Portal user. This can be done via the Report Library, while scheduling, etc.
- Make sure the Portal user has activated their account.
- Most every Portal user will be assigned questionnaires (potential exception is relationship of “Other”).
- Consider how you’ll sign up adolescents so that they receive certain questionnaires.

Implementing CHADIS: Client Perspective

Keys to successfully navigating the integration (continued):

- If practices want to add new CHADIS Visit Types (e.g. Well Child + ADHD), CHADIS will need to do this.
- You'll need to consider how to handle duplicate CHADIS patients. CHADIS and PCC will assist with generating lists.
- Existing CHADIS customers need to educate their families that questionnaires will now be available via the Portal (not via their old CHADIS login).
- Appoint a CHADIS champion at your practice to take on the integration. Gamify portal sign-ups and demographic updates, clean up info, etc.

Implementing CHADIS: Client Perspective

Some benefits to integrating CHADIS into PCC EHR:

- Screening at every well visit; it gets parents in the habit, and they're more likely to complete them.
- Easier for the staff to check everyone, instead of learning which ages have screens and which don't.
- Generates income.
- Provides advance info to the provider.
- Most of all, it's better care for the patient!

Getting Started with Your Integration

New CHADIS Customers

- Go to chadis.com/contact-form to fill out the CHADIS contact form and sales will contact you
- \$1200/provider, 3 months free - yearly subscription (1st year - 15 months)

This integration is straightforward and the implementation of it requires very few steps:

- Purchase CHADIS
- Integration kickoff with CHADIS account manager
- Integration testing and updating templates
- CHADIS/Integration training
- Go-live approximately 8 weeks



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Getting Started with Your Integration

Existing CHADIS Customers

- Open a ticket with CHADIS to request integration:
<https://chadis.supportsystem.com/open>
- At renewal, contract will move to \$1200/provider
- This integration is straightforward and the implementation of it requires very few steps:
 - Integration kickoff with CHADIS account manager. We are offering kickoffs on the following dates:
 - Tuesday, April 27 from 12:00-12:45pm ET
 - Thursday, April 29 from 3:00-3:45pm ET
 - Integration testing and updating templates
 - CHADIS/Integration training
 - Integration is approximately 8 weeks



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Q&A