



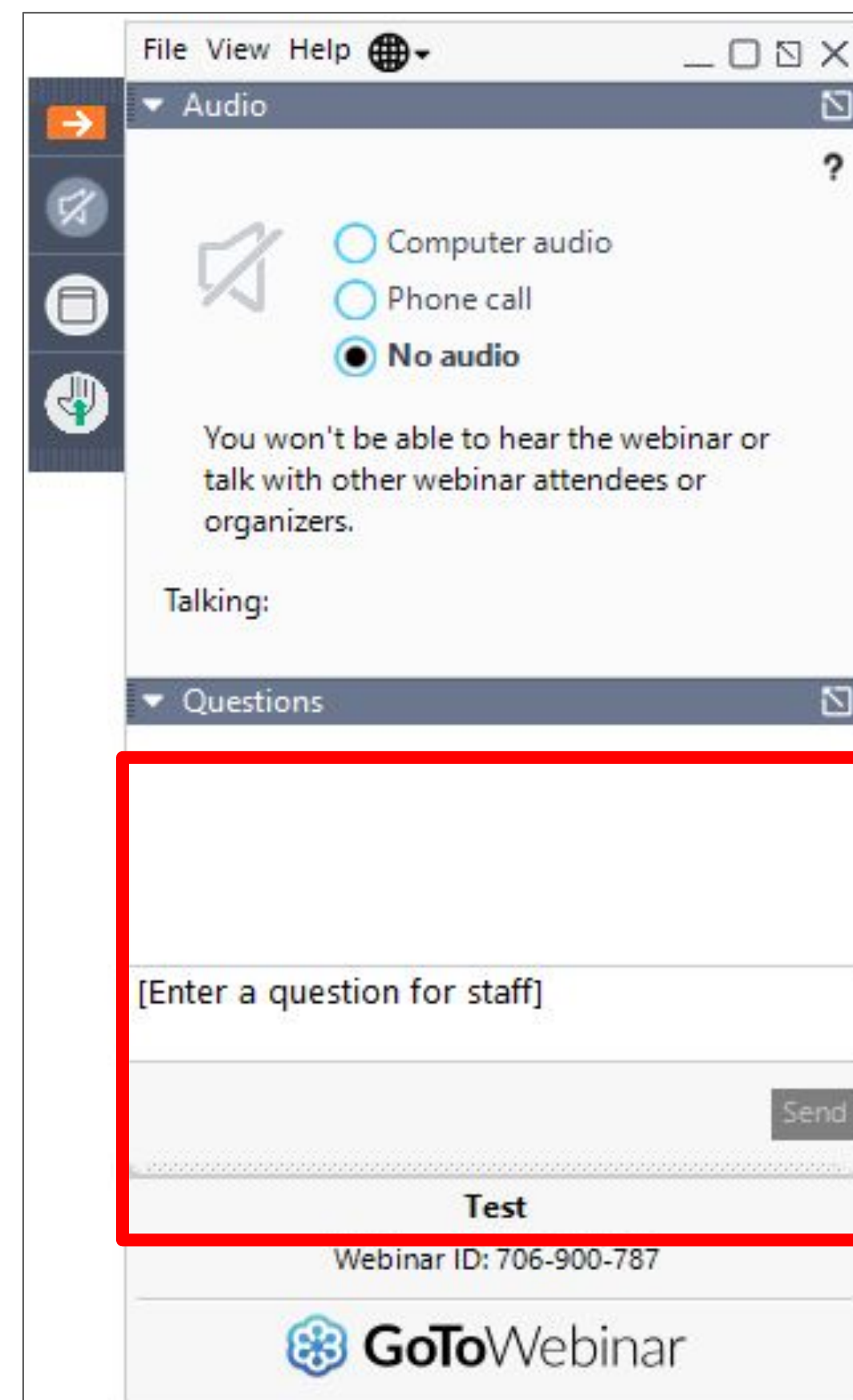
OP Mental Health Monitor

Offering Peace of Mind to Worried Families

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Mental Health Monitor – Training Webinar

Attendees will be muted. If you have a question, enter it into the **Questions** box.



Speakers

Rich Punch
Senior Training Specialist



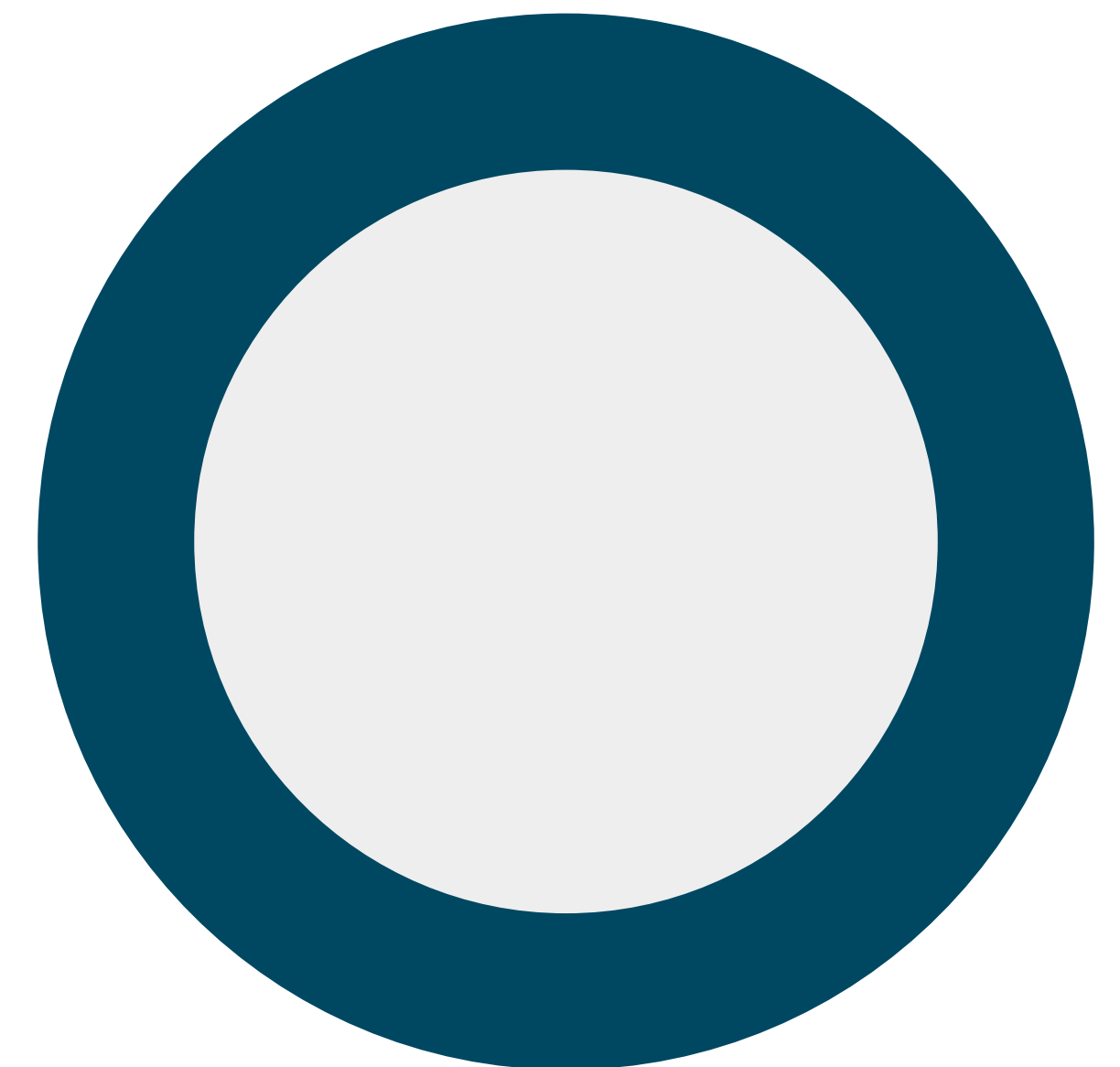
Rob Grady
Training Specialist



During this training you'll learn:

- What the Mental Health Monitor tool is
- How to access and setup the Mental Health Monitor
- Leverage the actionable data to help monitor and treat patients

Message from Clinical Product Team

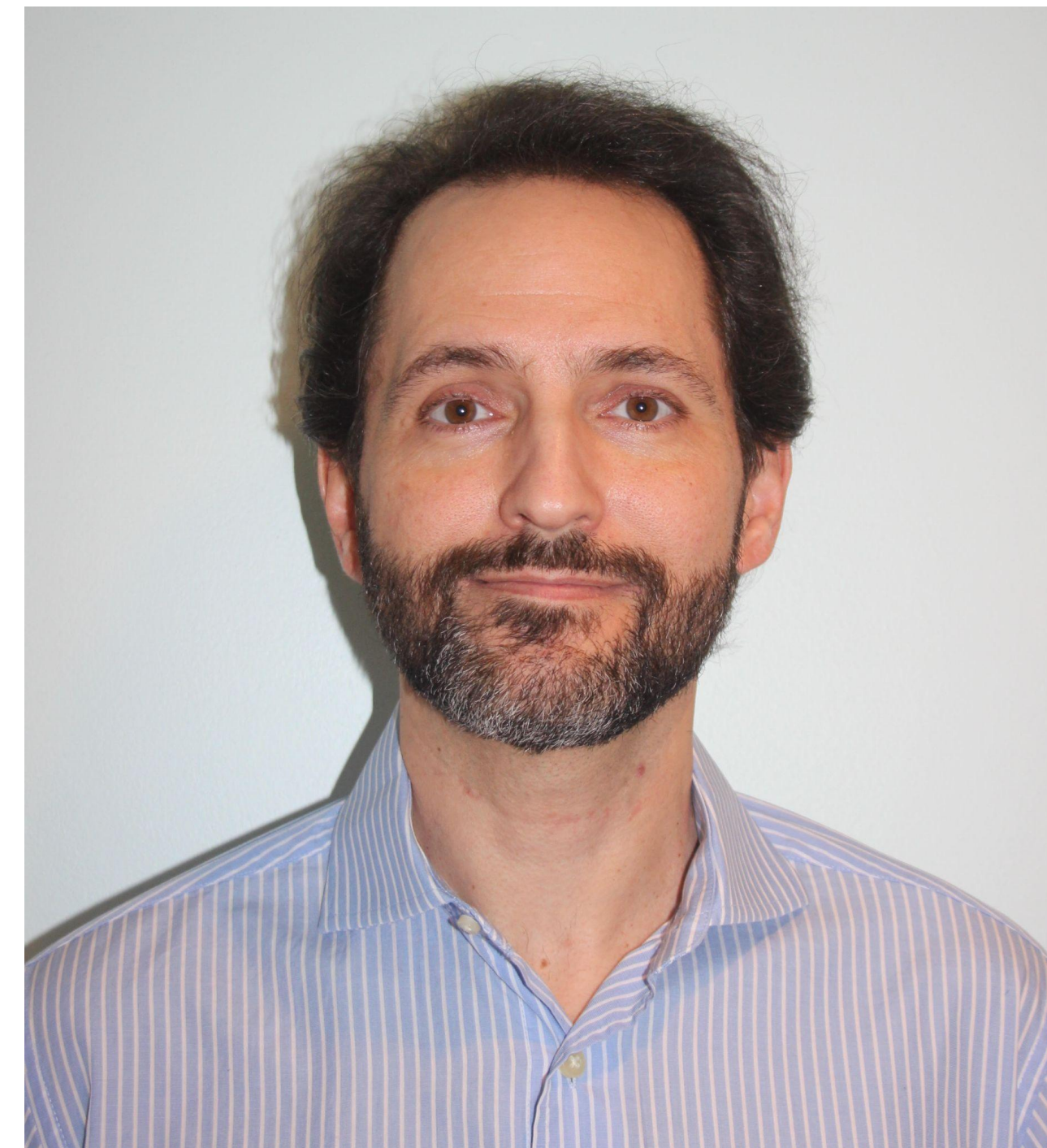


Message from Clinical Product Team

Dr. Dan Feiten
Medical Director



Dr. Rich Szabo
Clinical Analyst



A Generation in Crisis

- Almost 3 million children diagnosed with a serious emotional / behavioral health condition in the US
- April - Oct 2020: US hospitals saw a 24% increase in mental health ER visits for children ages 5 to 11, and a 31% increase for children ages 12 to 17.
- 2020 saw a 31% increase in BH-related emergency room visits
- Provider shortages:
 - [APA](#): Only 4,000 out of more than 100,000 U.S. clinical psychologists are child and adolescent clinicians

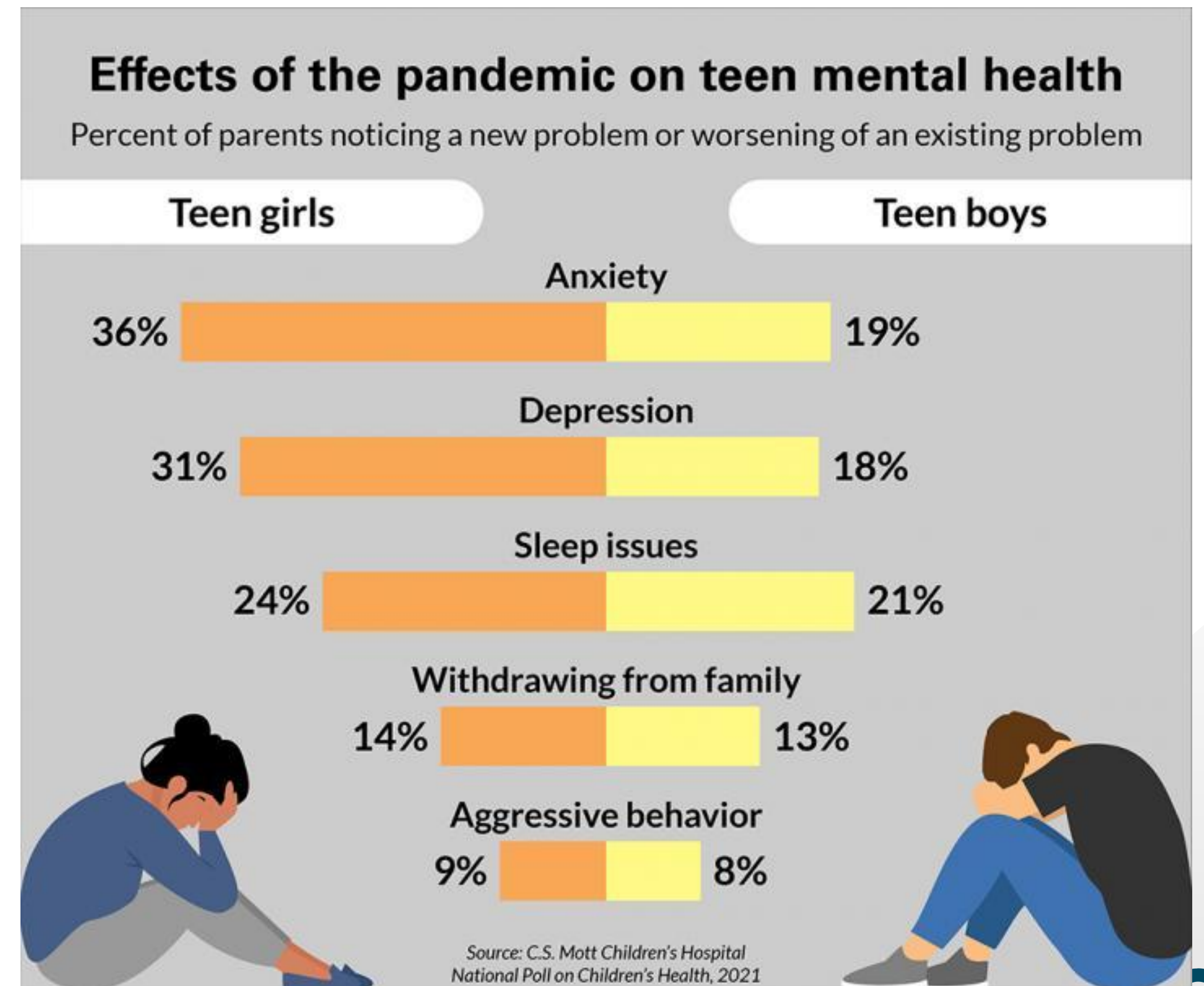


A Generation in Crisis

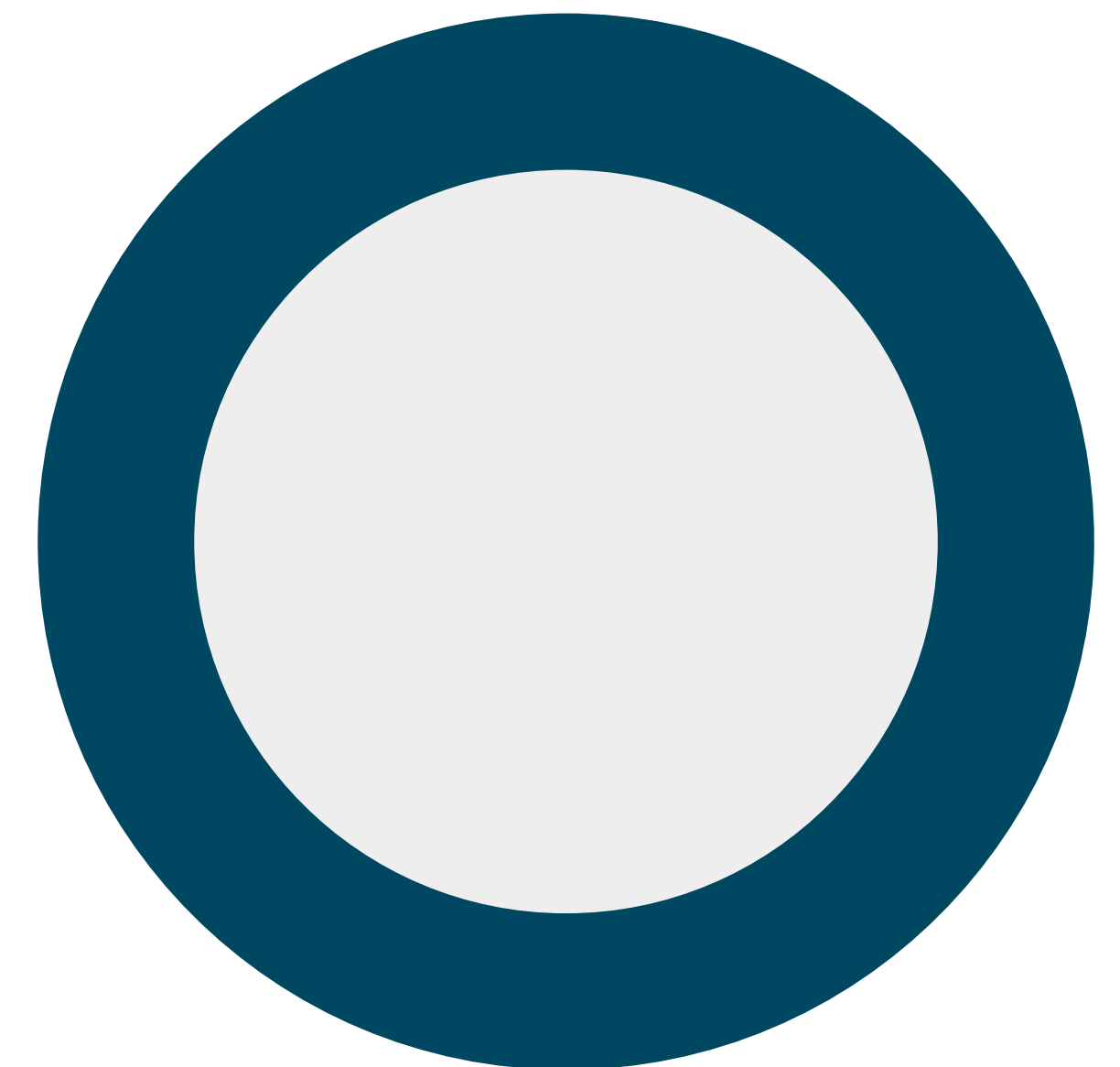
- Oct 2021: [AAP-AACAP-CHA Declaration of a National Emergency in Child and Adolescent Mental Health](#)
 - **A steady increase**

Rates of childhood mental health concerns and suicide rose steadily between 2010 and 2020 and by 2018 suicide was the second leading cause of death for youth ages 10-24
 - **Impacts of Covid-19**

More than 140,000 children in the US lost a primary and/or secondary caregiver, with youth of color disproportionately impacted

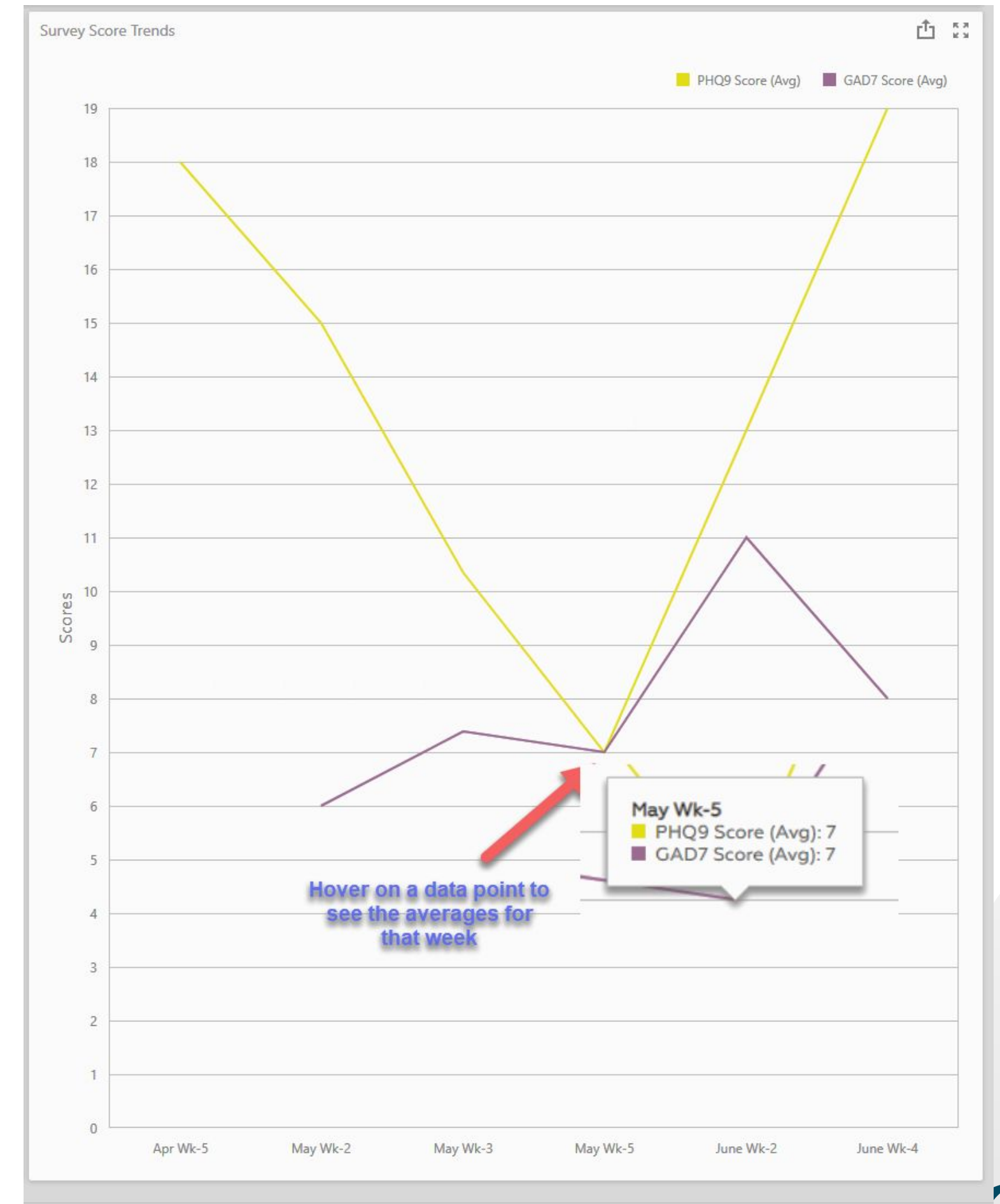


OP Mental Health Monitor Overview



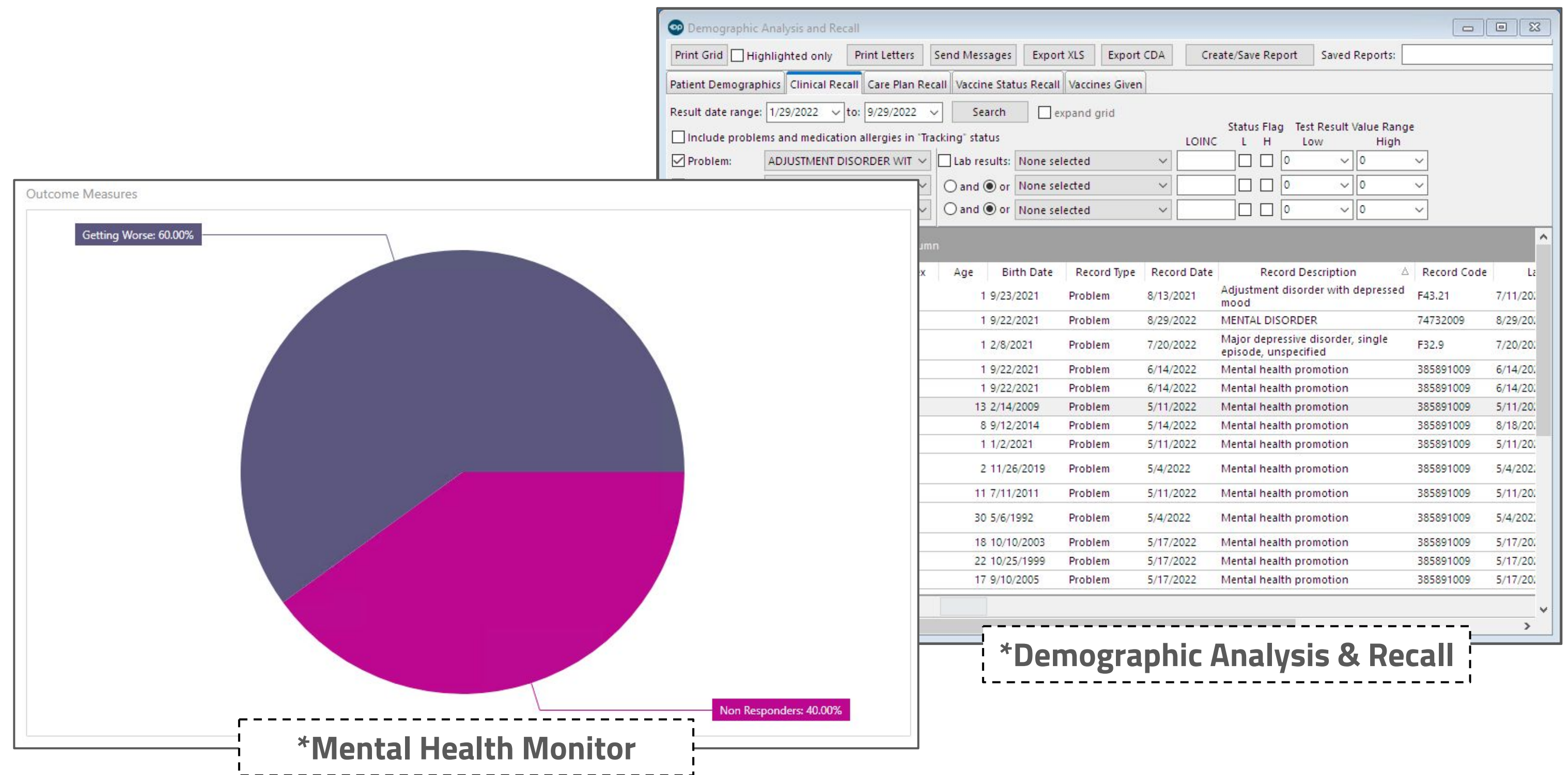
OP Mental Health Monitor

- The OP Mental Health Monitor tracks behavioral changes in those patients added to the tracking program
- Based on two surveys:
 - Teen-Modified PHQ9: Depression assessment scale (13 questions)
 - GAD7: General anxiety assessment scale (7 questions)
- Tracks changes, negative or positive, over time, and flags patients at higher risk of suicide
 - Providers can review the trends tile for a practice-wide visual reference of changes
- Tracks patients' visits to the practice, missed appointments, and referrals for patients with behavioral healthcare needs



Taking Data to the Next Level

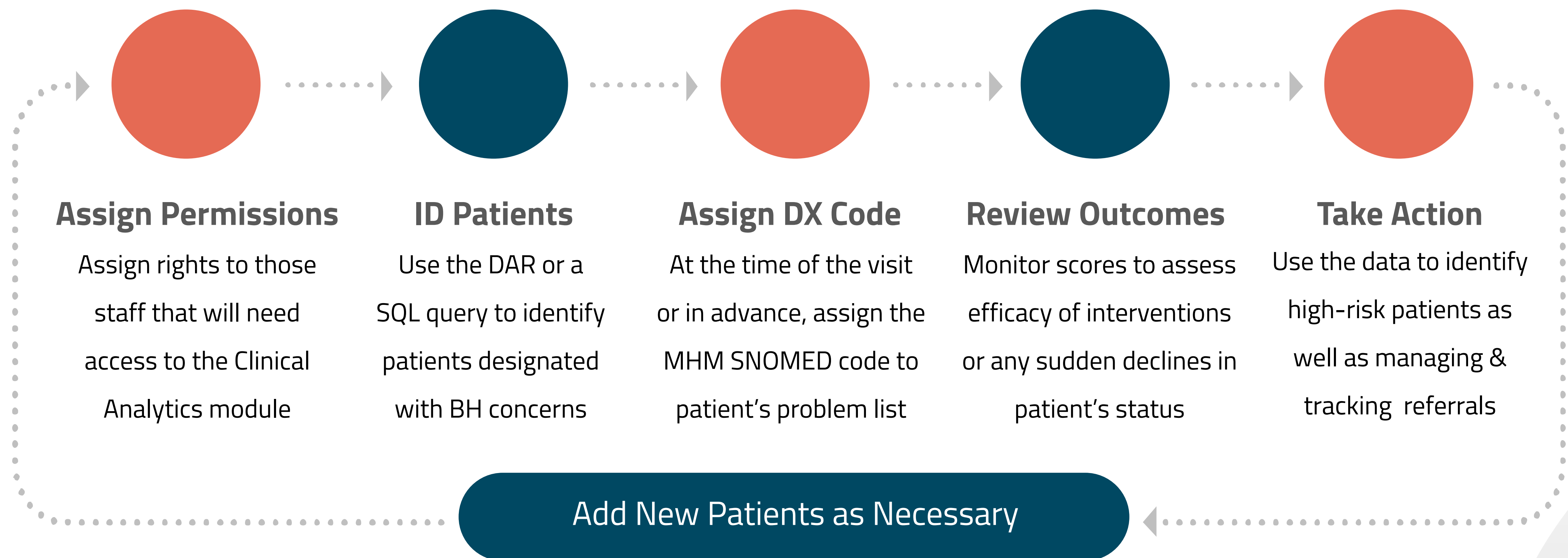
Raw data only becomes valuable when analyzed! OP MHM* **takes the time and guesswork out** of using automation: presenting visual, actionable results.



In order to do the kind of analysis automated by the Mental Health Monitor, any report pulled in OP would need to be exported and further manipulated in a program similar to MS Excel.

Behavioral Monitoring Enrollment & Tracking

Lifecycle



The OP Mental Health Monitor empowers pediatricians to more effectively manage, track, and treat the children and young adults they care for who have these behavioral health concerns

Current Release Functionality

- Available for free to all OP practices, with the following exceptions:
 - On Prem Clients
 - Current version does not yet support on premise practices
 - Survey-specific functionality:
 - CHADIS-users (unless OP surveys are used)
 - Practice-Customized Surveys
 - Spanish-Language Surveys

**Please note there is no practice-specific customization available and all future changes will be universal*

Let's Take a Look



Action Items

- ❑ Enable permission: Tools_ClinicalDashboards
- ❑ Identify patients using DAR or SQL report
- ❑ Apply SNOMED code
- ❑ Access Dashboard

Questions





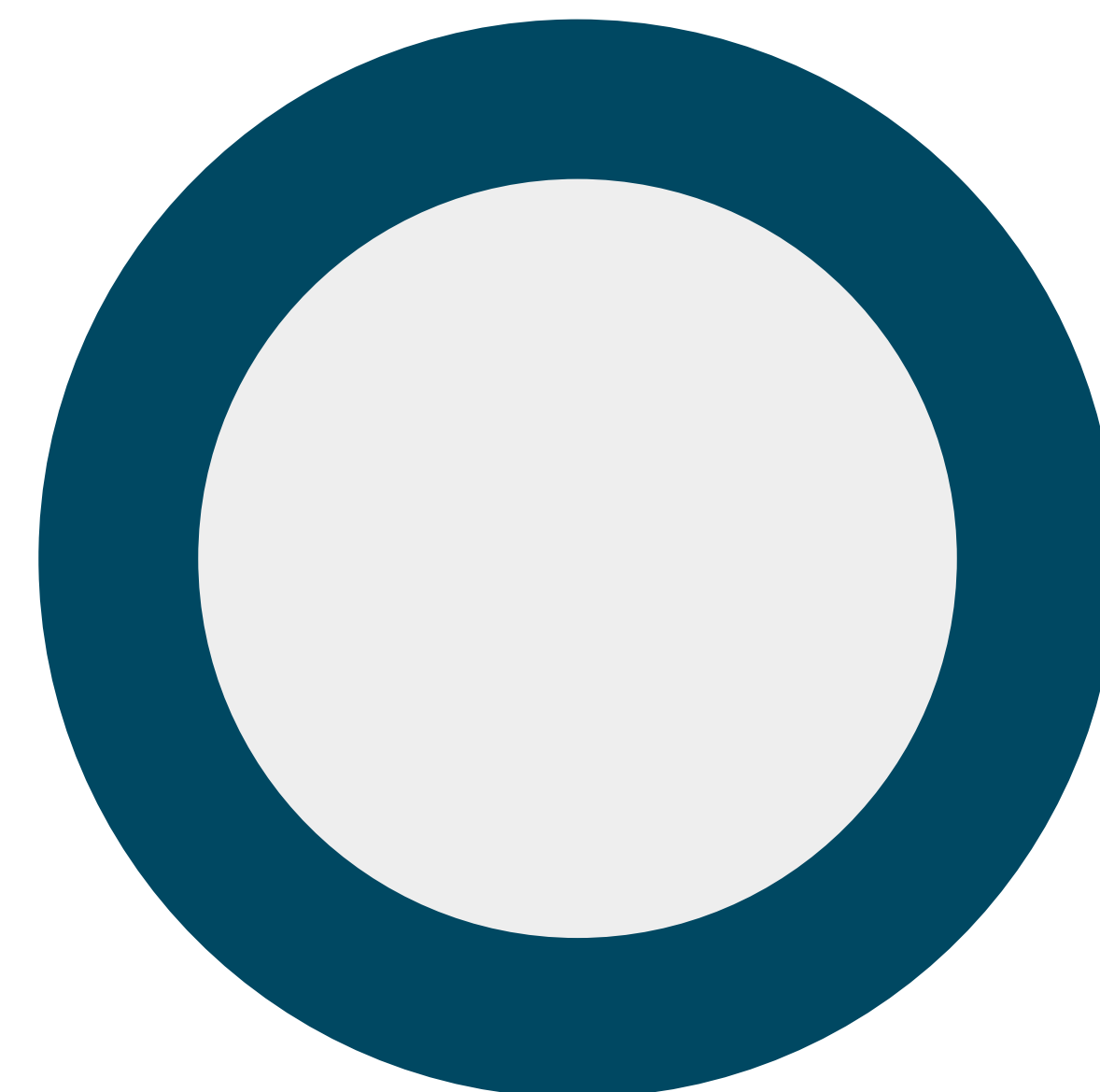
The OP Way

Providing inter-connected care that empowers practitioners and patients by providing **transformational, innovative, stable, market driven solutions.**

***Our Mission:
It's Time to Innovate Health***



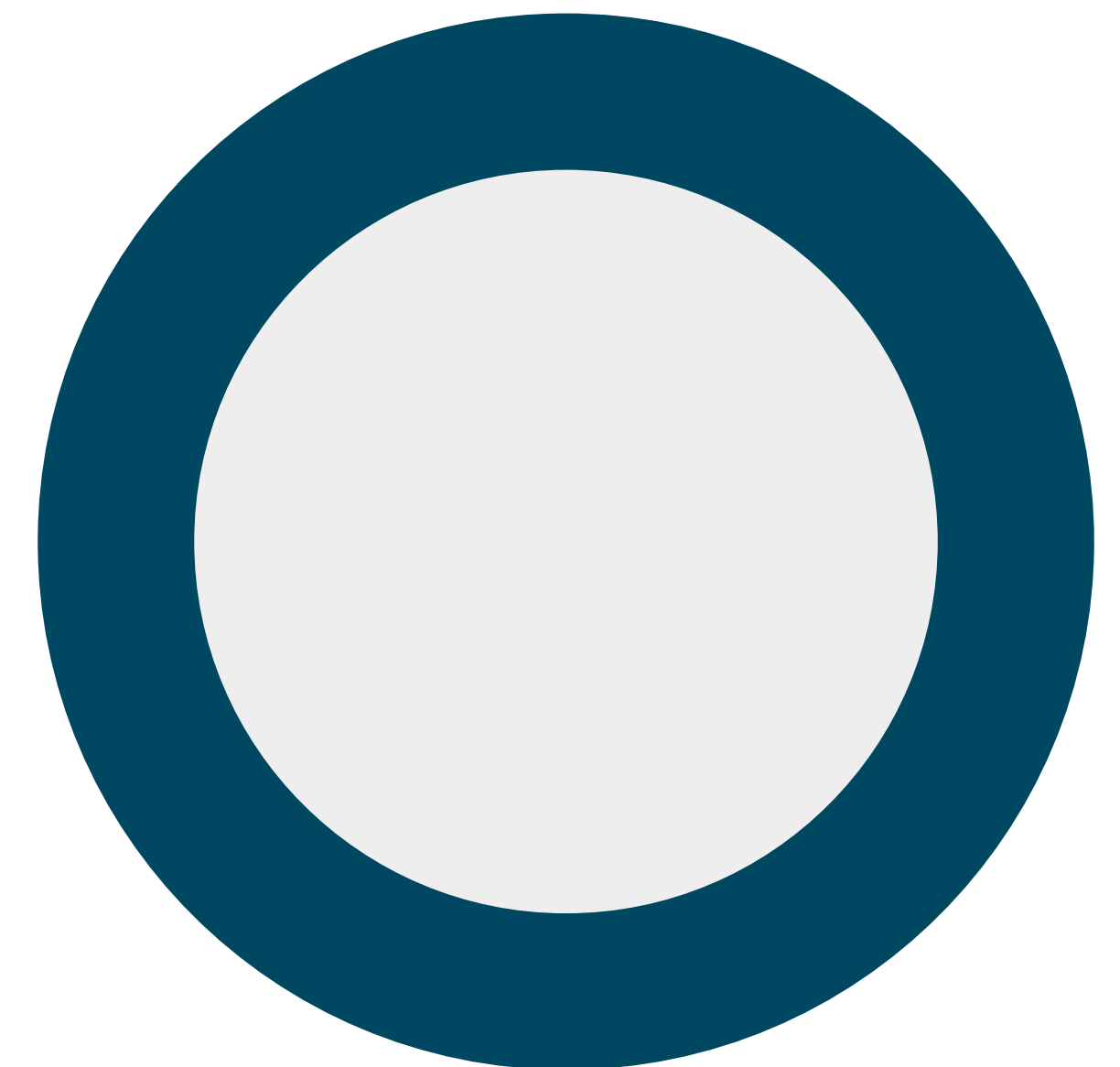
Resources



Resources

- [Clinical Analytics: Mental Health Monitor](#)
- [Clinical Analytics: Overview and Patient Enrollment](#)
- [Clinical Analytics: Exporting](#)
- [SQL: Active Patients with F Category Diagnoses](#)

Appendix / Screenshots



Practice Setup Work required

- For ease in selecting patients to be displayed, any child you wish to include in the dashboard will need to have an identifying SNOMED code added to their problem list
- Mental Health Promotion (385891009) is the SNOMED that will identify a patient as having behavioral health concerns
- When adding this to a problem list, be sure to change the visibility to clinical staff or higher so the diagnosis does not show on the patient portal
- This SNOMED code exists in the Diagnosis Code Management window

The screenshot shows the 'Diagnosis Code Management' window. At the top, there is a search bar with '385891009' entered. Below the search bar, there are radio buttons for 'Freq used', 'Quick view', 'Category', 'Complete', 'Pat recent', and 'Diag group'. To the right, there is a 'Result set:' section with radio buttons for 'Local', 'Master', 'SNOMED', and 'All'. Below this, there is a table with columns: 'Diagnosis Description', 'DX Code', 'Long Desc', 'Freq Used', 'Quick View', 'Category', and 'Sort#'. The table contains one row: 'Mental health promotion', '385891009', 'Mental health promotion', '✓', '■', and empty cells for 'Category' and 'Sort#'. At the bottom, there is a navigation bar with letters A through Z.

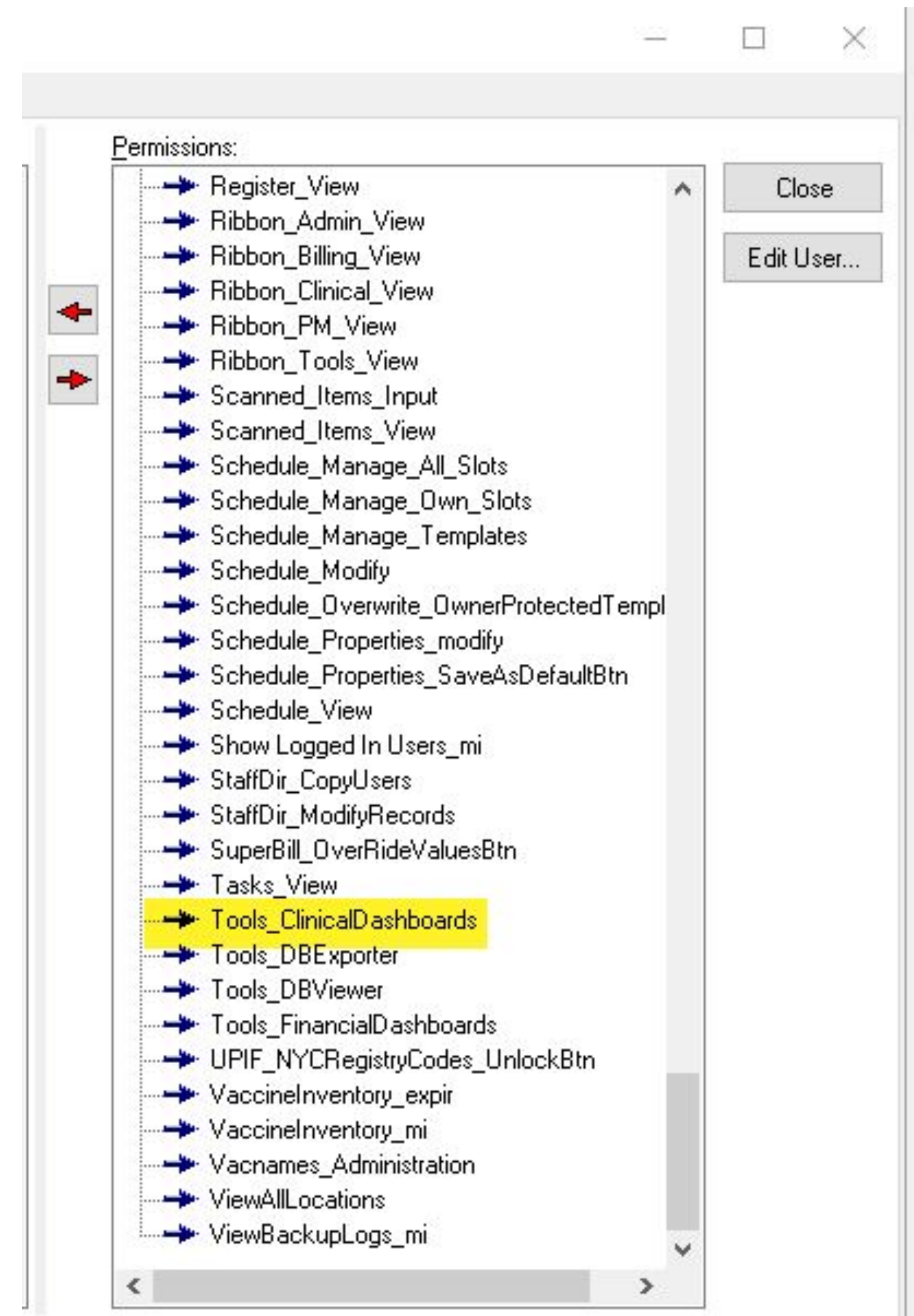
Diagnosis Description	DX Code	Long Desc	Freq Used	Quick View	Category	Sort#
Mental health promotion	385891009	Mental health promotion	✓	■		

Identifying and

- Generate list of patients using the DAR or a SQL report
 - Once patients are identified, the code can be added to their problem list
 - Going forward, all PHQ9 or GAD7 surveys given to these patients will be tracked in the Mental Health Monitor
- Any child will need to have an identifying SNOMED code added to their problem list
 - Mental Health Promotion (385891009) is the SNOMED that will identify a patient as having behavioral health concerns
 - When adding this to a problem list, be sure to change the visibility to **clinical staff or higher** so the diagnosis does not show on the patient portal
 - This SNOMED code exists in the Diagnosis Code Management window

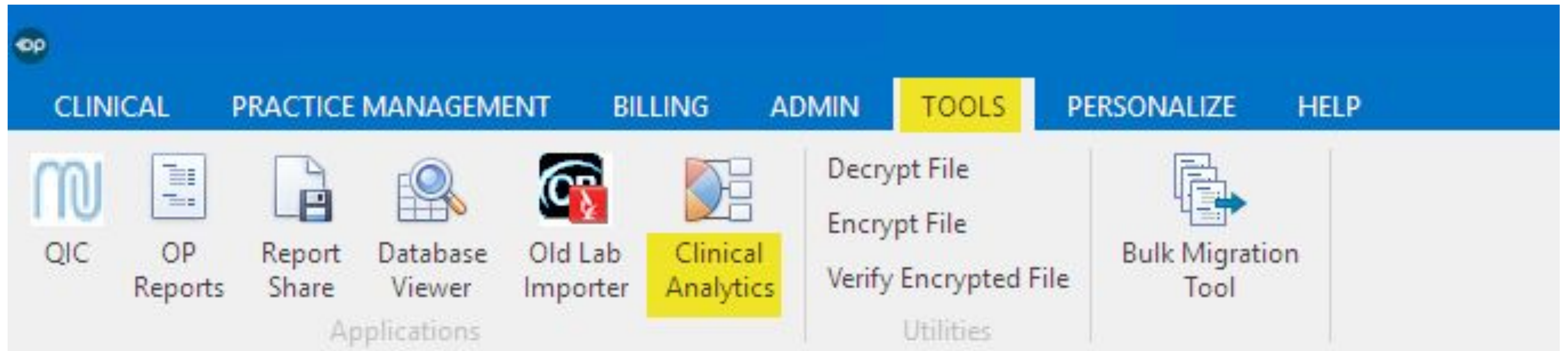
Who Can Access It?

- Determine which users in your practice should have access to the clinical dashboards
- Assign permission:
Tools_ClinicalDashboards



Where Will You Find this Dashboard?

Top Blue Ribbon > TOOLS > Clinical Analytics



Identify Your Patients That Will Need the SNOMED Entry

Use the Demographic Analysis / Recall

- Under Clinical Recall tab, choose the problems you feel are relevant
- Add the Mental Health Promotion code to the patients generated from this list

Demographic Analysis and Recall

Print Grid ☐ Highlighted only Print Letters Send Messages Export XLS Export CDA Create/Save Report Saved Reports:

Patient Demographics **Clinical Recall** Care Plan Recall Vaccine Status Recall Vaccines Given

Result date range: 6/25/2022 to: 7/25/2022 Search ☐ expand grid

☐ Include problems and medication allergies in "Tracking" status

☒ Problem: None selected ☐ Lab results: None selected

☐ Med allergy: None selected ☐ and ☒ or None selected

☐ Medication: None selected ☐ and ☒ or None selected

LOINC L H Status Flag Test Result Value Range Low High

Drag a column header here to group by that column

Exclude	Pat #	Patient	Sex	Age	Birth Date	Record Type	Record Date	Record Description	Record
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Use a SQL Query in the Database Viewer

- Copy and paste this query and run it to generate a list of all active patients with ANY “F” category diagnosis in a sick or well visit in the past 5 years:

```
select a.* , fname, lname from (  
  
select patno, max(dx_date) as last_dx_date,  
cast(list(distinct dxcode, ', ') as char(2000)) as dxes  
from dx_attach where dx_date >= cast('today' as  
date)-(365.25*5) and attach_table in  
( 'ENC_NOTE','PHYSICAL') and dxcode_Type =  
'ICD10'  
  
and dxcode like 'F%' and patno >99 group by patno)  
  
a inner join register on register.patno = a.patno  
  
where status_pat = 'ACTIVE'
```

Date Range Filtering

Pulls in the corresponding data for the following cards:

- Outcomes
- Suicidal Ideation (SI Risk)
- Referrals (flag date)
- Survey Score Trends

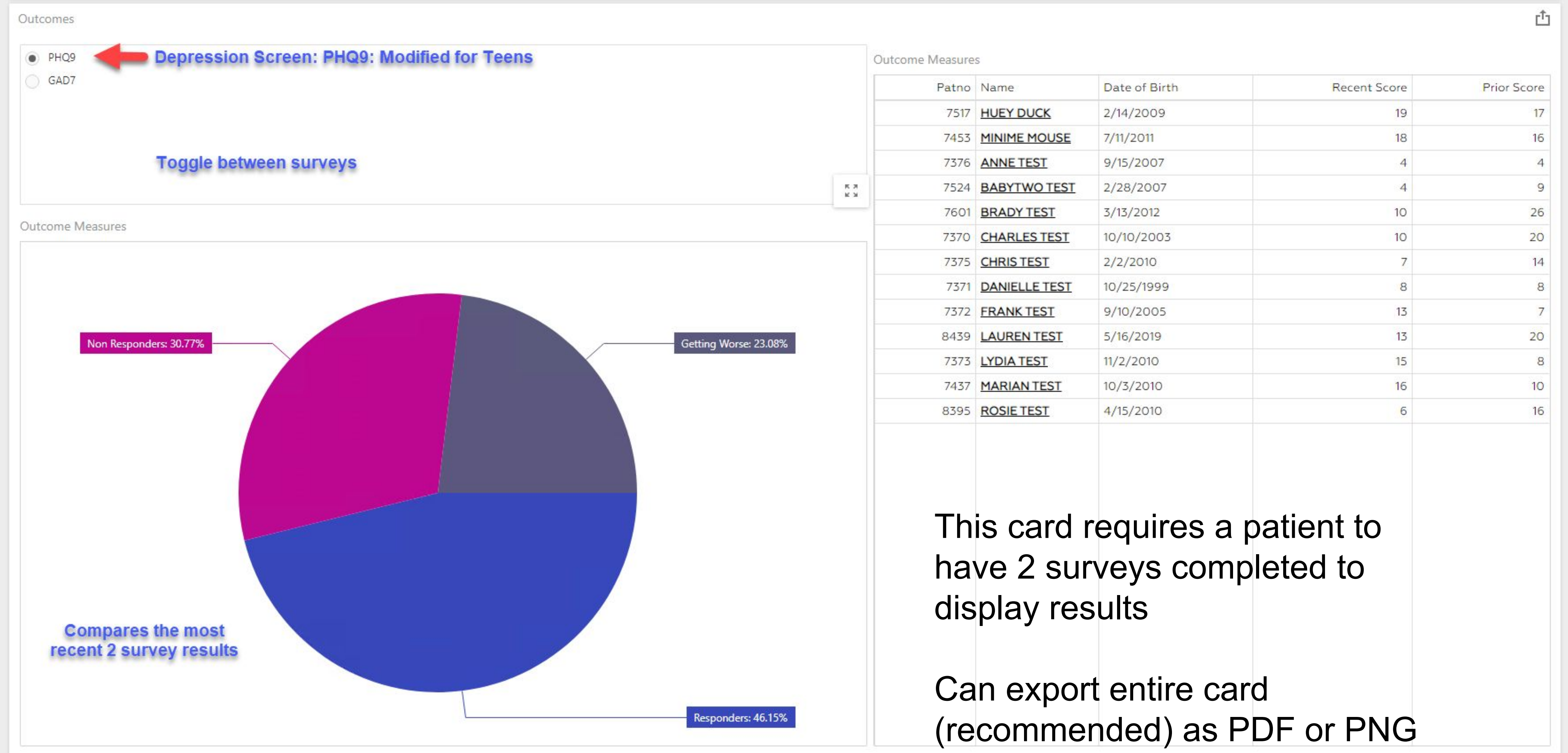


Card 1: The Patient List

- Shows any patient who has Mental Health Promotion as a problem list entry
- Color coding for most recent visit
 - GREY if > 30 days ago
 - YELLOW if > 60 days ago
 - RED if > 90 days ago
- Patient name hyperlinks directly to the chart
- Ability to export to PDF or CSV file
- Filter individual columns ascending or descending

Clinical Dashboards						
Date Range:						
<input type="radio"/> 30 Days <input type="radio"/> 60 Days <input checked="" type="radio"/> 90 Days <input type="radio"/> Custom						
Patient List						
Patient Number	Name	Date of Birth	Last Well Visit	Last Sick Visit	Next Scheduled Appointment	Status
7222	JACKIE CHAN	11/16/2013	9/3/2021	●	1/11/2302	Active
8734	DEWEY DUCK	1/2/2021				Tracking
7517	HUEY DUCK	2/14/2009	3/25/2022	●	6/6/2022	Active
8401	LOUIE DUCK	9/12/2014	6/22/2021	●	3/30/2022	Resolved
9257	AA KAITH	8/9/1997			5/28/2022	Resolved
7453	MINIME MOUSE	7/11/2011	12/7/2021	●	5/17/2022	Active

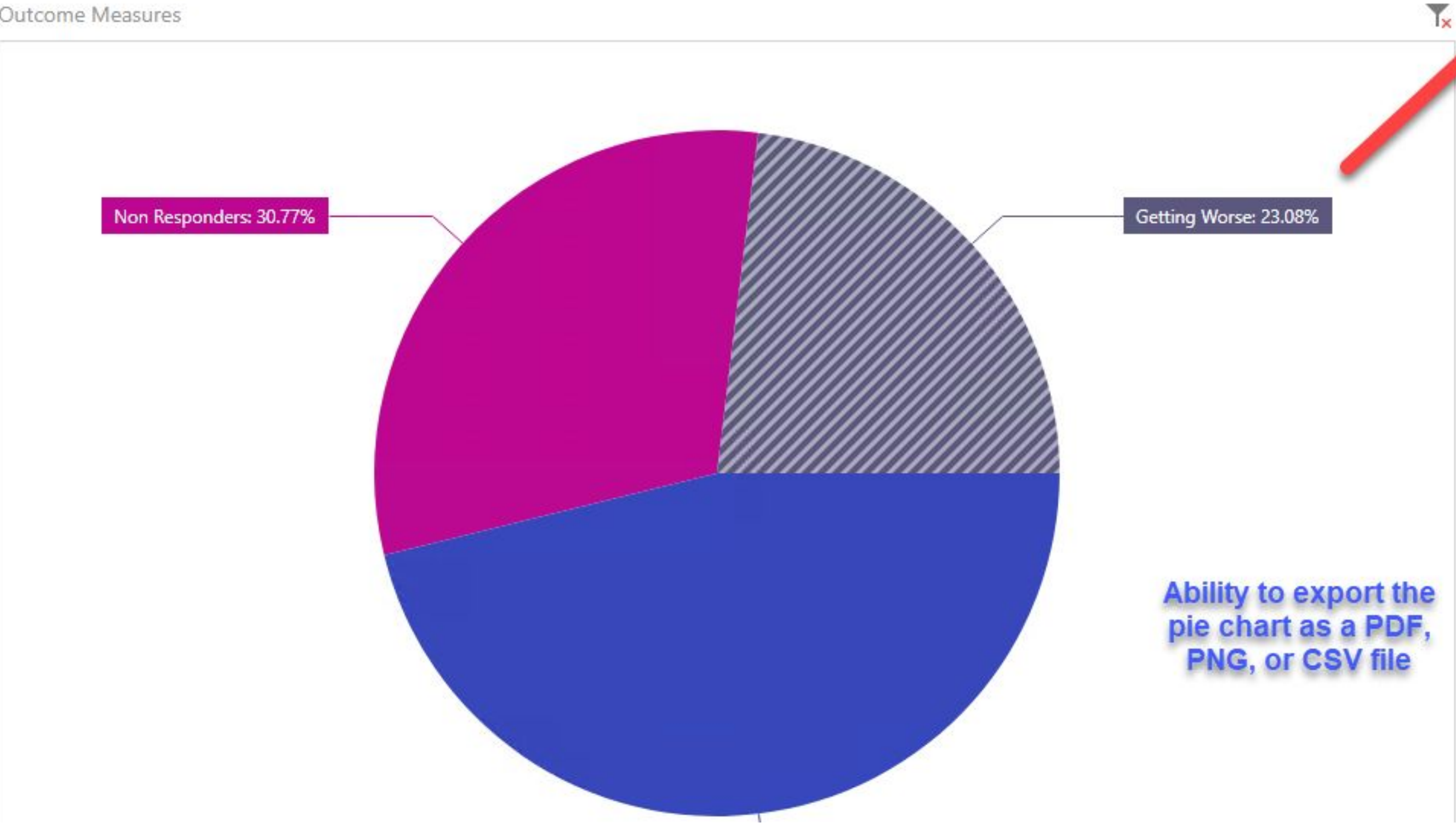
Card 2: Outcomes



Card 2: Outcomes

PHQ9

GAD7



Outcome Measures

Patno	Name	Date of Birth	Recent Score	Prior Score
7372	FRANK TEST	9/10/2005	13	7
7373	LYDIA TEST	11/2/2010	15	8
7437	MARIAN TEST	10/3/2010	16	10

Chosen section will display only those patients here in the list.
Can select multiple categories
Ability to export the list as a PDF or CSV file

Card 3: Suicidal Ideation (SI) Risk

- List of all patients answering Yes / Several Days (or more) to any of the 3 suicide-focused questions (# 9, 12, and 13) on the Depression Screen:
PHQ9: Modified for Teens
- Ability to export to PDF or CSV file

Clinical Dashboards

Date Range:
☐ 30 Days ☐ 60 Days ☒ 90 Days ☐ Custom

Suicidal Ideation (SI) Risk

Patient Number	Name	Date of Birth	Recent/Prior PHQ9 Score	Recent/Prior GAD7 Score
7517	HUEY DUCK	2/14/2009	19/17	8/0
7376	ANNE TEST	9/15/2007	4/4	7/7
7601	BRADY TEST	3/13/2012	10/26	3/20
7370	CHARLES TEST	10/10/2003	11/10	10/3
7375	CHRIS TEST	2/2/2010	7/14	5/10
7371	DANIELLE TEST	10/25/1999	8/8	2/2
7372	FRANK TEST	9/10/2005	13/7	12/9
8439	LAUREN TEST	5/16/2019	13/20	7/17
7373	LYDIA TEST	11/2/2010	15/8	13/6
7437	MARIAN TEST	10/3/2010	16/10	14/9
8395	ROSIE TEST	4/15/2010	6/16	2/8

Card 3: Suicidal Ideation (SI) Risk

- For initial functionality, patient must have completed 2 of the survey in question for Recent / Prior score field to populate
- If only one survey completed, patient info will populate, but not numeric score
- Card only requires the PHQ9 to be completed, not both surveys

Suicidal Ideation (SI) Risk				
Patient Number	Name	Date of Birth	Recent/Prior PHQ9 Score	Recent/Prior GAD7 Score
7222	JACKIE CHAN	1/30/2019	17/18	8/10
99982626	CC JIN	6/7/1996		
7453	MINNIE MOUSE	7/11/2011		
7524	BABYTWO TEST	2/28/2007	8/4	GAD7 NOT required for patient info to populate
7370	CHARLES TEST	10/10/2003	14/10	
7371	DANIELLE TEST	10/25/1999	10/8	
7373	LYDIA TEST	11/2/2010	16/15	
8440	MARTIN TEST	3/8/2021		
99982589	SPINAL TEST	5/18/2012		
99982792	MHMONITOR TESTPATIENT	2/7/2005	Recent/Prior currently requires patient have completed 2 sets of the survey to populate. Will remain blank if only one of either survey has been done	

Card 4: Referral Follow Up

- Current functionality will list ANY referral still in pending status for patients in the master patient list, not limited only to behavioral health referrals
- Tracks based on the flag date of the referral
- Ability to export to PDF or CSV file

Referral Follow Up					
Patient Number	Name	Date of Birth	Date	Referral Note	Diagnosis
7517	HUEY DUCK	2/14/2009	5/16/2022	From: Samuel Adams 123 LOG COLLEGE DRIVE	Respiratory syncytial virus bronchiolitis
7517	HUEY DUCK	2/14/2009	6/6/2022	From: Demosthenes Wiggins 530F788C2B95FADC2DAF4ED5	Acute sinusitis
7517	HUEY DUCK	2/14/2009	6/6/2022	To: UMBER DAUGHERTY 303 KELLY ROAD	Tic disorder, unspecified
7370	CHARLES TEST	10/10/2003	5/18/2022	To: Demosthenes Wiggins 530F788C2B95FADC2DAF4ED5	Generalized anxiety disorder
7373	LYDIA TEST	11/2/2010	5/18/2022	To: JOCELYN MOSES 3898 CHERRY LANE	Generalized anxiety disorder
7437	MARIAN TEST	10/3/2010	5/18/2022	To: Demosthenes Wiggins 530F788C2B95FADC2DAF4ED5	Generalized anxiety disorder

Card 5: Survey Score Trends

- Graphical representation of average scores
- Used to visualize trends in the survey scores
- Ability to export to PDF, PNG or CSV file

