

# Primary Care – Behavioral Health Integration (PCBHI) at the Cambridge Health Alliance

## April 2017 Kirsten Meisinger, MD



### It's all about the Patients...



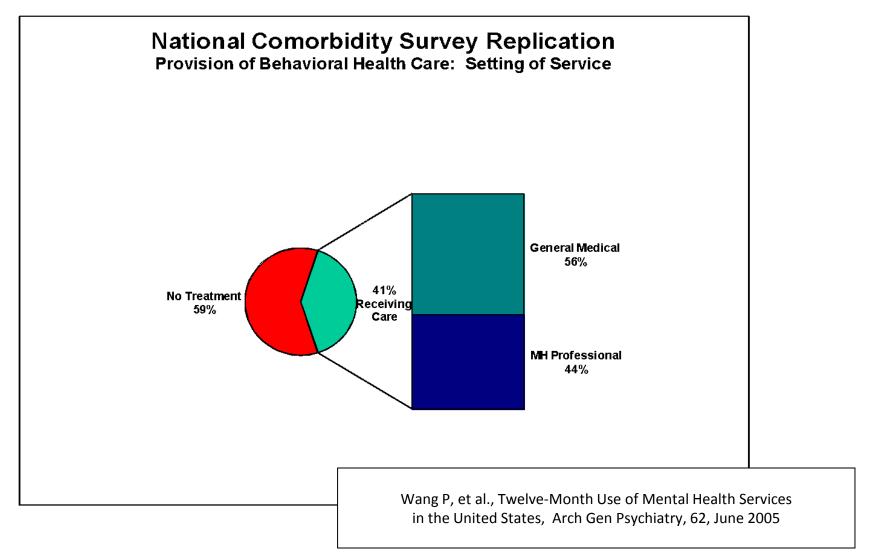


## Overview

- **1. Rationale** for Primary Care Behavioral Health Integration
- 2. CHA **Model** for Primary Care Behavioral Health Integration
- **3. Staffing** to support the model
- 4. Behavioral Health Screening
- 5. Targeted high-prevalence diseases:
  - Depression
  - Unhealthy alcohol use and substance use disorders
  - Reverse Integration Project (HIP)



### Primary Care is the 'De Facto' Mental Health System



AIMS CENTER/Advancing Integrated Mental Health Solutions, University of Washington



### Why Integrate?

### **Rationale for Integration of Mental Health and Addictions**

#### **Patient-Centered**

≻One-stop shopping

#### ≻Improves Access

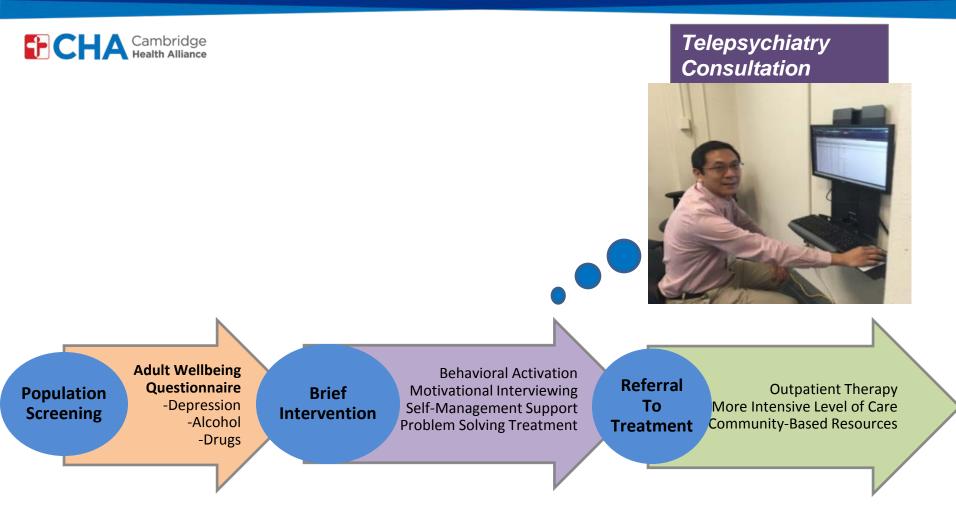
- ≻More patients willing to be seen by MH
- provider based at their primary care center
- ≻Reduces stigma
- ➤ Reduces disparities for minority groups

#### **Consistent w/ New Delivery Systems (CHA Transformation)**

- ➢Patient Centered Medical Home
- ➤Chronic Disease Management
- ≻Global Payment/ACO

#### **Improves Outcomes**

- ≻Medical/MH often co-morbid
- Leverages primary care relationships
- Reduces total medical expenses (TMEs)



**Primary Care-Behavioral Health Integration Model** 



## **STEPPED MODEL OF CARE**

Step 0: Primary Care Step 1: Primary Care (with Mental Health Consultation)

Step 2: Integrated Mental Health

Step 3/4: Outpatient Mental Health

> HIP PROGRAM

## **On site Behavioural Health Care Team**

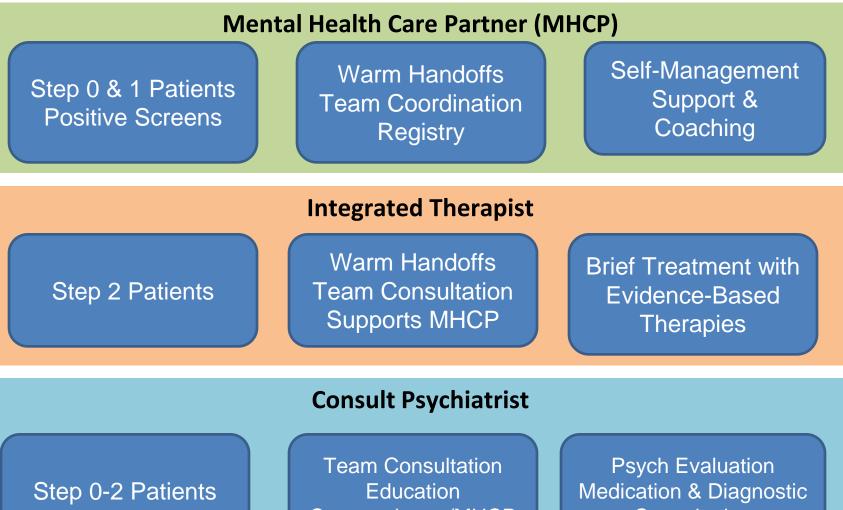
**Full Time Care Partner** – unlicensed mental health resource trained in step 1 and 2 but who can coordinate all of the patients

**Full Time Therapist** – does warm hand offs and her own schedule of patients for BRIEF therapy interventions (6-8 weeks max, often 1-2 sessions total)

**Psychiatry MD** – on site one day/week but in continual contact with the team by telepsychiatry and regular meetings to supervise the on site team



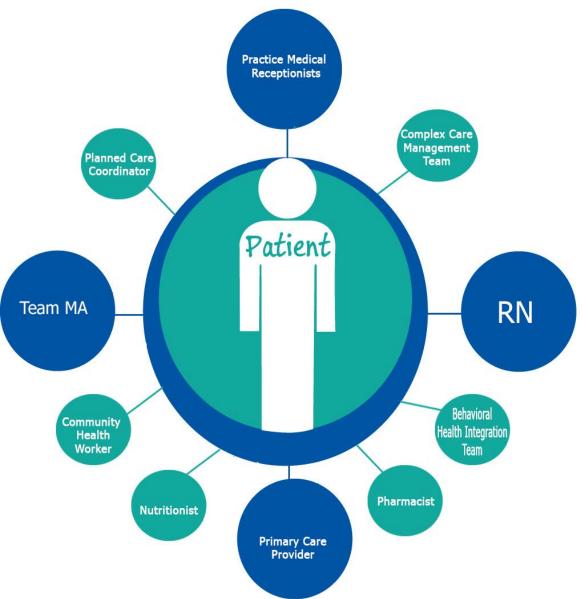
# Staffing to Support the Model



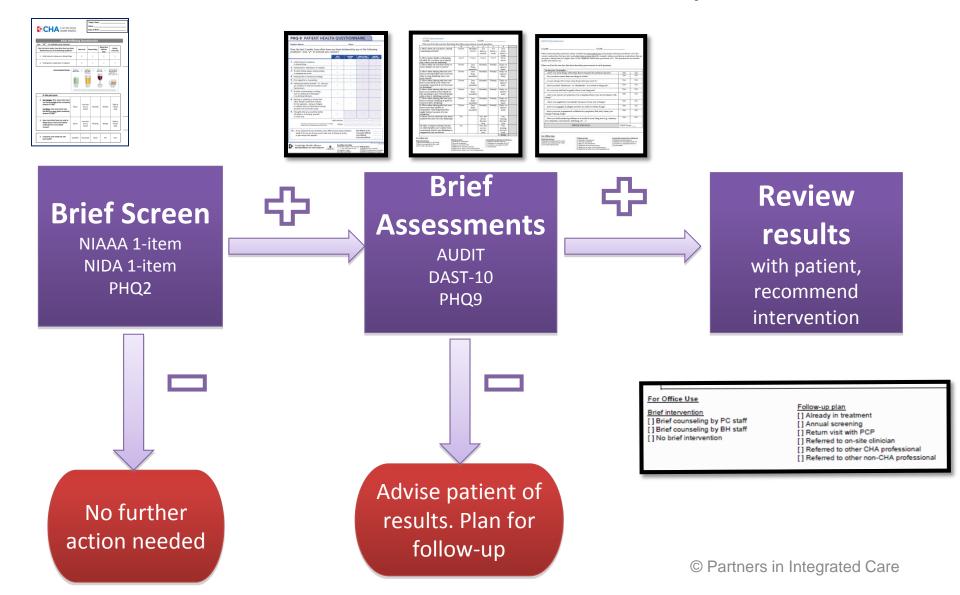
Case review w/MHCP

Consultation



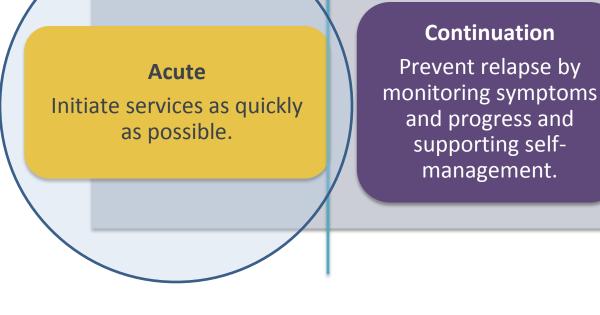


### **ECHA** Cambridge **Two-Step Approach to Screening:** Brief Screen and Brief Assessment: everyone has a role



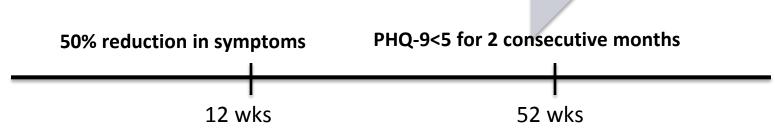


### **Phases of Care for Depression**



#### Maintenance

Support patients in their effort to maintain remission and healthy behaviors.





### **Dual Strategy: In-reach and Outreach**

\*Integration of **Population Health** into the work adds incredible power \*This strategy is what we use across all of Primary Care now at Cambridge Health Alliance



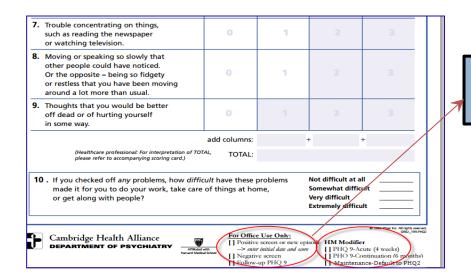
\*Huddles help organize the work of the day when the team sees patients

\*Team Meetings happen weekly to think about and organize the work around patients who are NOT coming in and make sure they are also getting the care they need \*This is a paradigm shift

\*This new work needs to be funded and new team roles need to be created



### **Targeted disease: Depression**



## The "**initial date**" launches the 'acute phase' workflow for intensive follow-up

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Team meeting supports the followup. Care partner plays facilitating role.

**Goals:** 'Depression Perfect Process' (appropriate follow-up) 'Depression Perfect Outcome' (PHQ9 score reduced by 50%)



### Using the Registry Features

For case review, to bring most recent patients to the top. It is easy to compare the initial and latest PHQ-9 scores shows which patients are improving on treatment

#### sort by the initial date column

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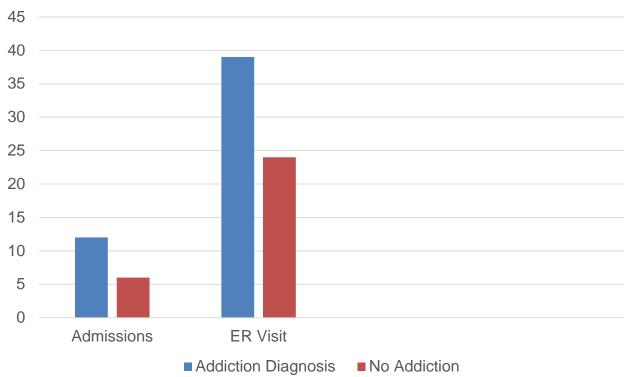


## **Targeted Disease: Addictions**

75,000 patients >=18yo

Current smoker = 15%

8% with an Addiction diagnosis on problem list (not including smoking)



Percent Risk by Addictions



# **SBIRT Brief Intervention**

### With Addiction

→Refer for specialty addiction treatment



### At Risk

- →Educate about risks
- → Decrease risk for consequences or progression of disease



### Not at Risk

→Educate about risks, promote healthy norms



### **Targeted disease: Addictions**

NAME:			DATE:			
Place an X in the one box that best	describes yo	ner answer to		tion. 3	4	
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<ol> <li>How often do you have a drink containing alcohol?</li> </ol>	INEVEL	Monthly or less	∠-4 times a	times a		
containing alconol:		or less	month	times a week	more	
			month	week	times a week	
2. How many drinks containing	1 or 2	3 or 4	5 or 6	7 to 9	10 or	
alcohol do you have on a typical					more	
day when you are drinking?						
3. How often do you have four or	Never	Less	Monthly	Weekly	Daily or	
more drinks on one occasion?		than		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	almost	
		monthly			daily	
4. How often during the last year	Never	Less	Monthly	Weekly	Daily or	
have you found that you were not		than		,	almost	
able to stop drinking once you		monthly			daily	
had started?						
5. How often during the last year	Never	Less	Monthly	Weekly	Daily or	
have you failed to do what was		than	-	-	almost	
normally expected of you because		monthly			daily	
of drinking?		-			-	
6. How often during the last year	Never	Less	Monthly	Weekly	Daily or	
have you needed a first drink in		than			almost	
the morning to get yourself going		monthly			daily	
after a heavy drinking session?						
7. How often during the last year	Never	Less	Monthly	Weekly	Daily or	
have you had a feeling of guilt or		than			almost	
remorse after drinking?		monthly			daily	
8. How often during the last year	Never	Less	Monthly	Weekly	Daily or	
have you been unable to		than			almost	
remember what happened the		monthly			daily	
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drinking?	NT-		V- 1.		Ver	
9. Have you or someone else been	No		Yes, but		Yes,	
injured because of your drinking?			not in		during	
			the last		the last	
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10. Has a relative, friend, doctor,	No		Yes, but		Yes,	
or other health care worker been			not in		during	
concerned about your drinking or			the last		the last	
suggested you cut down?		1	year		year	

For Office Use

Brief intervention

 Brief counseling by PC staff

 Brief counseling by BH staff

 No brief intervention

Follow-up plan [] Already in treatment [] Annual screening [] Return visit with PCP [] Referred to on-site clinician [] Referred to other CHA professional [] Referred to other non-CHA professional Incomplete screening or follow-up [] Patient refused referral [] Refused to complete AUDIT [] Unable to complete AUDIT [] Incomplete

### **Brief intervention**

[] Brief counseling by PC staff[] Brief counseling by BH staff[] No brief intervention

#### **Referred to Treatment**

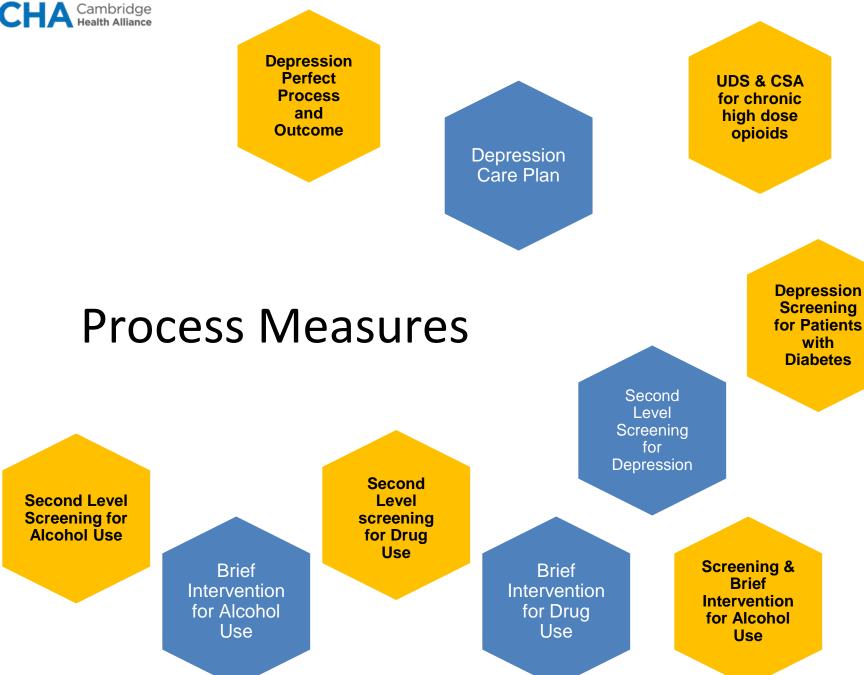
[] Referred to onsite clinician

- [] Referred to other CHA professional
- [] Referred to other non-CHA prof.

#### **Referred to Peer Support**

] Referred to CHA peer support] Referred to non-CHA peer support





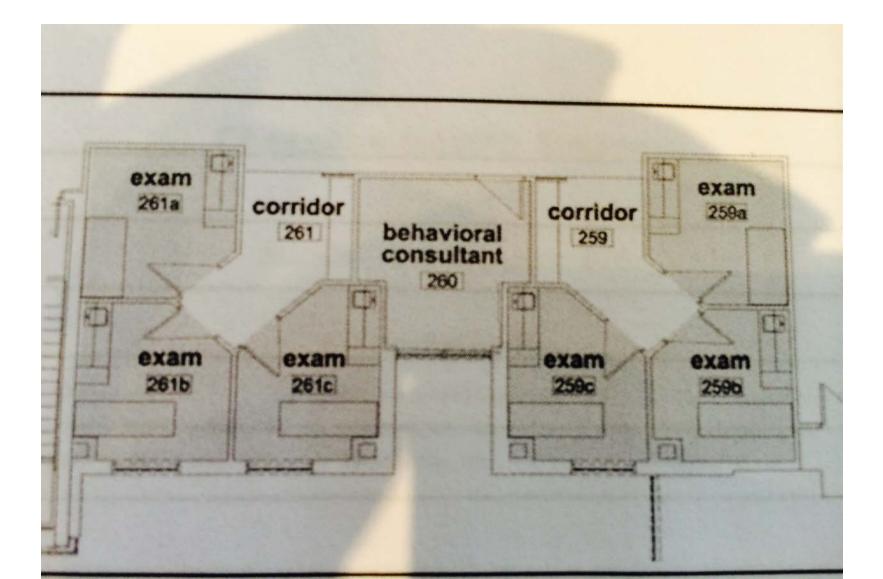


# BACKUP or How to support the work





### Make your space facilitate the work!





### **TELEPSYCHIATRY SERVICE TO SUPPORT PCBHI**





#### **PSYCHIATRY CONSULTATION**

Telephone DiscussionElectronic Case Review

Page service through Staffnet or send message via EPIC

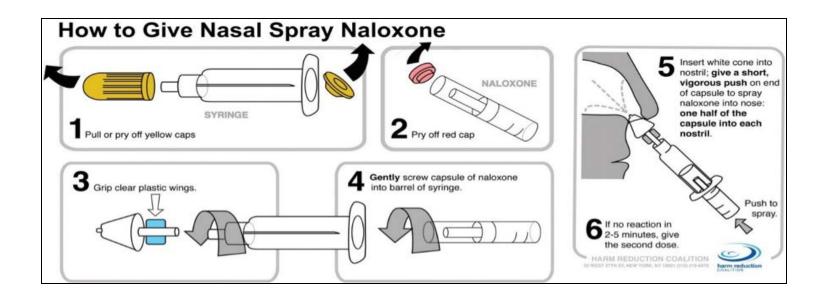
#### **TECH-BASED SELF-HELP:**

Information & Advice WebsitesMobile Mental Health Apps

Refer patients to Care Partner



## Patient-facing instructions for AVS .naloxone / .narcan





# Health Integration Program (HIP) A Behavioural Health Home Pilot



# Wait ... what is that?

## **Behavioural Health Home**

Clinical program that aims to "improve the overall health status of people with serious mental illness (SMI) through coordination and integration of primary health care with behavioral health (BH) services within a community-based, specialty BH clinic."

- SAMHSA-HRSA Center for Integrated Health Solutions

# **Mortality Gap**

Adults with serious mental illness (SMI) are expected to **die 20-30 years earlier** than general population<sup>1-4</sup>

2015 study of Medicaid adults with schizophrenia:1

- Mortality ratio: 3.7 times > Medicaid population
- Potential life lost: 28.5 years

Higher SMR for most causes of death<sup>1</sup>

- 85% due to "natural causes" of death (e.g. CV issues, COPD, pneumonia, sepsis, diabetes, cancers)
- Consistent across geographic regions<sup>4</sup>

# **Drivers of Early Mortality**

- Gaps in detection/treatment of medical needs
- High prevalence of modifiable risk factors (e.g. smoking, diet, exercise, substance use, stress)
- Barriers to treatment adherence
- latrogenic effects of antipsychotics
- Biopsychosocial factors related to SMI

# **Target Population**

Age 16+ with CHA GP and:

- Schizophrenia or other psychotic disorder
- Bipolar disorder and taking antipsychotic

### Would benefit from:

- Integrated, team-based care planning & management
- Health promotion & education
- Close coordination with community service providers

### 450 currently enrolled



# **New Team Members**

### **Co-located Medical Nurse Practitioner (0.5 FTE)**

- On-site medical and health promotion services
- Integrated team member guiding service design/operations

### **Care Partner (FTE)**

- Care coordination and population management
- Health promotion, pt engagement, behavioral activation
- Referral management

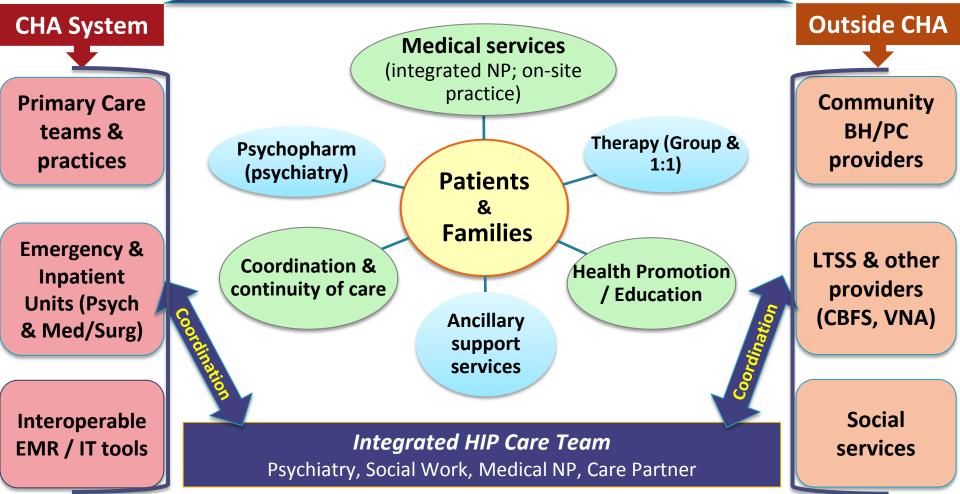
### **Program Manager (FTE)**

- (Re)design systems to enable integrated care delivery
- Collaborate w/ community providers & CHA clinical leaders
- Compliance with 1115 waiver initiative specifications



## **Behavioral Health Home**





## **BHH Quality Measures**

- Annual A1c/LDL screening
- Diabetes monitoring
- BMI screening and preventive care
- Rates of controlled A1c and BP
- Follow-up after BH hospitalization (7- and 30-day)
- Patient-centered care plan up-to-date

Default Dates	C	A	Actua	al	Т	arget	Period	📃 ВНН -	Target Population with Care Plan	Nav	vigatio	1		Chart	Displa
Custom Dates	ф В	HH - Target Population with Care Plan	3	4 9	%	N/A	Nov-16					1		1	
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		HH - Diabetes Screening Schizophrenia or Bipolar		n (	96	N/A	Nov-16		- CA ZINBERG CLINIC (N=2)						
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	R	- HH - Diabetes Care for Mental Illness - A1c Contro	16	6 0	%	N/A	Nov-16		- SO ADULT MEDICINE (N=18)						
						-			- CA FAMILY NORTH (N=6)						
	В	HH - Controlling High Blood Pressure	6	7 9	%	N/A	Nov-16		- CA PRIMARY CARE (N=88)						
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Dec-15 Jan-16 Feb-16 Mar-16 Apr-16 May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16

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Conclusions:



## **EHR Care Team**

Care Teams				1	Close
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Network Health/ DSTI Patient	Paul Goldberg, LICSW left CH	A recently;replacement unclear, No	w has City Psych VNA Jo	hn 339 970 4229	) .
Patient Care Team					
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PCPs					
🖋 Lisa Rechtschaffen	PCP - General		04/07/2008	X End ×	4/7/08
Phone: 617-665-1068; P	ager: 617-546-3417; Fax: 617-66	5-1530			
🖋 Lisa Rechtschaffen	PCP - Insurance PCP		06/07/2016	¥ End ×	6/7/16
Phone: 617-665-1068; P	ager: 617-546-3417; Fax: 617-66	5-1530			
Other Patient Care Team M	embers				
💉 Nina Marlowe	Physician	Psychopharm (PRV Practice 11)	07/29/2014	🗙 End 🛛 🗧	7/29/14
Phone: 617-591-6134; F	ax: 617-591-6435				
Health Integration Program Team	(Hip) Care Coordination Progr	am	07/28/2015	🗙 End	8/21/15
schizophrenia spectrum	and/or bipolar disorders. Based a	tient psychiatry provides integrated t 26 Central Street in Somerville, th Contact Miriam Tepper at 617-591-	e program has a medical l	VP and care part	
Vinfen Corporation	Community Health Work	er	08/26/2015	🗙 End 🛛 🗧	5/19/16
		or (617-863-5406) Rebecca Spinale zara-Nurse Coordinator (617-863-5			
💉 Patricia Maher	NURSE PRACTITIONER	R HIP - Health Integration Program	09/08/2015	🗙 End 🛛 🗧	9/8/15
Phone: 617-591-6105; P	ager: 617-546-1603; Fax: 617-59	1-6435			
💉 Madeline Kidd	Care Partner	HIP - Health	08/22/2016	🗙 End 🛛 🎽	<b>8/22/16</b> 3



## **Admission & Discharge Alerts**

atient Care Team		
Search for PCP 🕹 Add		
Search for Team Member 骨 Add		
eam Member	Relationship	
PCPs		From: Staffnet Sent: Wednesday, January 20, 2016 1:16 PM
🚰 Pieter Cohen	PCP - General	To: Ewen, Matthew; Maher, Patricia
Phone: 617-591-6300; Pager: 617-546-937	79; Fax: 617-591-6340	Subject: ADT Alert Care Team - Patient discharge
🚰 Pieter Cohen	PCP - Insurance	Discharge of
Phone: 617-591-6300; Pager: 617-546-93	79, Fax: 617-591-6340	Discharge of     OB
Other Patient Care Team Members		° MRN ° discharged Jan 20 2016 12:53PM
🕜 Matthew Ewen	Care Partner	<ul> <li>from PSYCHIATRY service</li> <li>at CH in Cabill 4</li> </ul>
Phone: 617-591-6369: Fax 617-591-6435		<ul> <li>discharge disposition HOME</li> </ul>
🕜 Patricia Maher	NURSE PRAC	<ul> <li>admitted Jan 12 2016 6:21PM</li> <li>LOS 8 days</li> </ul>
Phone: 617-591-6105; Pager: 617-546-160	03; Fax: 617-591-6435	° attending GILMAN,ROBERT B MD
🕜 Health Integration Program (Hip) Team	Care Coordina	
Comment: The Health Integration Program Somerville, the program has a medical NP		

# **Hospital Care Transitions**

**Upon hospitalization**, BHH care partner and/or clinician outreaches to inpatient staff for care coordination

**Before discharge**, IP staff and BHH care partner discuss d/c plan to ensure timely follow-up with established provider(s)

**Schedule follow-up** with BHH or other specialty BH provider within 7 days, whenever possible; monitor rates of 7- and 30-day follow-up after hospitalization



# **Discharge Follow-up Report**

#### HIP Team Discharge Follow-Up 11/15/2016

Patients from the HIP Registry, 18 years and older, discharged from an inpatient stay or ED visit within the last 30 days, no filters for location or diagnosis. These are patients who have not had a behavioral health followup appointment within 30 days of discharge. Those appointments can be a BH Office Visit, BH Medication Inj Visit, BH Refill Enc, or BH INTAKE.

Disch ≑ Date	Location	Primary Diagnosis	Discharge Disp	fuh 7day	fuh 30day	Disch Enc 2day	Next BH Visit	Next BH Staff	Next PC Appt	Next P
10/17/2016	EME		НОМЕ	٠	٠	Y	11/23/2016 10:40:00 AM	BOYD, JON WES	10/18/2016 8:40:00 AM	CHEN, JULIA
10/17/2016	EME		HOME	٠	٠	Υ	11/28/2016 2:30:00 PM	TANEJA, EKTA	10/18/2016 5:00:00 PM	SOUMERAI, LE
10/23/2016	EME	S09.90XA UNSPECIFIED INJURY OF HEAD	HOME	٠	•	Ν	11/16/2016 10:00:00 AM	TEPPER, MIRIAM C	1/17/2017 8:00:00 AM	FARIAS, KRIST
10/28/2016	EME	F25.9 SCHIZOAFFECTIVE DISORDER, UNS	HOME	٠	٠	Ν				
10/30/2016	EME	F25.0 SCHIZOAFFECTIVE DISORDER, BIP	HOME	٠	•	Ν	12/2/2016 3:00:00 PM	HORVITZ-LENNON, MARCELA	11/16/2016 12:00:00 PM	LIN, WOANYIH
10/31/2016	SHEME	S61.216A LAC W/O FB OF R LITTLE FIN	HOME	٠	0	Ν	11/17/2016 1:00:00 PM	KLETTER, ESTHER	11/7/2016 2:20:00 PM	DAILEY, SUZAI
10/31/2016	SHEME	F20.0 PARANOID SCHIZOPHRENIA	HOME	٠	•	Ν			1/18/2017 2:00:00 PM	DWYER, ERICA
10/31/2016	EME	S76.011A STRAIN OF MUSCLE, FASCIA A	HOME	٠	٠	Y			11/2/2016 3:30:00 PM	ONORATO, AN
10/31/2016	CH4	F25.0 SCHIZOAFFECTIVE DISORDER, BIP	HOME	٠	٠	Ν				
11/1/2016	WHEME	F10.129 ALCOHOL ABUSE WITH INTOXICA	HOME	٠	٠	Ν				
11/2/2016	SHEME	S61.412A LACERATION WITHOUT FOREIGN	PSYCH ADM TO OTHER INP PSY FAC	٠	٠	Ν				
11/4/2016	EME	Z91.14 PATIENT'S OTHER NONCOMPLIANC	HOME	٠	0	Ν	11/15/2016 11:00:00 AM	TEPPER, MIRIAM C	11/10/2016 11:20:00 AM	LIPMAN, JAMIE
11/4/2016	EME		HOME	٠	٠	Υ			11/7/2016 11:20:00 AM	GREEN, BRIAN
11/5/2016	6N	K59.8 OTHER SPECIFIED FUNCTIONAL IN	HOME	٠	•	Ν			11/10/2016 11:00:00 AM	PHILLIPS, CHRI
11/8/2016	WHWEST3		TRANSFER TO BETH ISRAEL DEACON	0	٠	Ν			11/18/2016 2:10:00 PM	COHEN, PIETE
11/8/2016	EME	R45.2 UNHAPPINESS	HOME	0	0	Ν	11/16/2016 12:00:00 PM	MARLOWE, NINA	11/9/2016 11:20:00 AM	MAHER, PATRI
11/10/2016	EME		HOME	0	0	Ν	11/16/2016 12:00:00 PM	MARLOWE, NINA	11/9/2016 11:20:00 AM	MAHER, PATRI
11/11/2016	EME			0	٠	Ν			11/28/2016 3:30:00 PM	CANNON, NIHA
11/11/2016	EME		HOME	0	0	Ν	11/22/2016 8:00:00 AM	TEPPER, MIRIAM C		
11/13/2016	EME		HOME	0	0	Ν	11/16/2016 12:00:00 PM	MARLOWE, NINA	11/9/2016 11:20:00 AM	MAHER, PATRI
11/14/2016	EME		HOME	0	•	Ν	11/17/2016 11:30:00 AM	KLETTER, ESTHER	12/21/2016 3:00:00 PM	LIN, WOANYIH



## Coordinated Care Plan in EHR

#### P Note Edito

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My Care Plan:

#### 1. My goals to improve my health:

Eat less sugar - use sugar replacement in coffee in the morning, decrease drinking pepsi to one can per day, and rep goal of one filled water bottle a day or 32 oz.

Exercise by walking outside with Hanifa, working up to walking around the block, 3 days a week Take medications every day, check blood sugar

#### 2. My healthcare team's goals:

Prevent mental health crisis by managing medications and meeting with psychiatrist Improve diabetes control, agree with above goals, keep a log of blood sugar to bring to doctor appointments Encourage to wear CPAP at night for better sleep Work with Hanifa to bathe daily and put medicine on legs and wrap as needed. Avoid falls by using walker

#### 3. My strengths and supports to meet my goals:

Mother Josephine Aunt Joan Uncle Louie Aunt Margie Home Health Aid Hanifa

#### 4. Challenges to meeting my goals:

Not able to get out of the house as much as I'd like Bored at home The foods I like have a lot of sugar

#### 5. My healthcare team:

Cambridge Primary Care Center: PCP: Richard Pels, MD - 617-665-1068 Care Manager: Susan Rowlett, LICSW, 617-665-1447 Community Health Worker- Judy Roc Cell# 857-600-8179

Private Home Health Aide - Senior Home Care Solutions, contact Pam Sidell, (617) 431-1165 and cell: 617-309-7109

HIP Program at 26 Central Street: Psychiatrist: Dr. Gaddy Noy, 617-591-6030 Social Worker, Sandy Cohen 617-591-6030 Nurse Practioner, Pat Maher 617-591-6030 Care Partner, Maddie Klein 617-591-6030

Medical Specialties: Neurology: Dr. Adam Drobnis Podiatry CHA: Dr. Paul Heffernan Opthalmology CHA: Dr. Madeline Barrot





# Training!

## **Workforce Training Plan**

#### **Core Learning Objectives**

- 1. Describe health disparities experienced by people living with SMI
- 2. Identify primary causes of premature mortality among people with SMI
- 3. Define the patient population served by the CHA BHH program
- 4. List general services offered by the CHA BHH program
- 5. Describe common barriers in to treating patients with SMI in primary care practices

#### **CHA** Primary Care CHA Psychiatry **Community Partners** List specific clinical and other criteria for List specific clinical and other criteria Explain how people can get a primary care **BHH** inclusion for BHH inclusion appointment at CHA Explain how people can get an Complete EPIC referrals to BHH Completing referrals to BHH program (EPIC order OR calling Central Intake) appointment for CHA outpatient program psychiatry and/or therapy Describe respective roles & Describe standard of care for responsibilities for care coordination effective follow-up after psychiatric Describe innovative elements of the BHH between BHH and primary care teams hospitalization program at CHA



## **Community Connections**



- 4 Suicides by young Brazilian immigrant women within one year
- CHA approached by the Brazilian Women's Group, a community agency, to start a community based depression intervention for this population
- CHA GP team and Psychiatry teams work with the BWG – Care Partner is the center of this collaboration!
- Monthly sessions for 2 years open to all around self awareness, empowerment, meditation, mindfulness and yoga





## O Meu Bebe Lindo

Parenting group designed to combat immigrant isolation Creates a community of parents that has been self sustaining *All learn, all teach* 

Facilitated by the GP team and billing is for routine well baby visits or urgent care





## Behavioural Health Integration: Make the leap You won't regret it!