



COMMUNITY
HEALTH CARE
ASSOCIATION
of New York State

Clinical Committee Agenda

November 9th, 2021 from 9 – 10 am

I. Opening Remarks – Warria Esmond & Jose Canario

II. State & National Policy Update – Marie Mongeon

III. Emergency Management Update – Alex Lipovtsev

IV. Monthly Topic: Hypertension – Diane Ferran

a. Data Review

b. CHC Successful Strategies: Community Health Network & Jericho Road

VIII. Closing Remarks



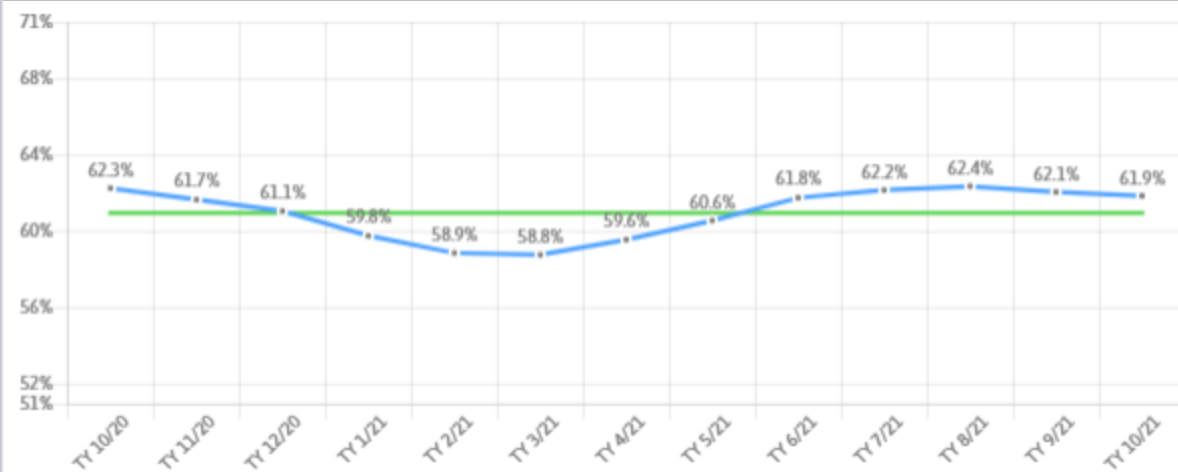
COMMUNITY
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Hypertension Data Review

HTN BP < 140/90



TY October 2021



Hypertension Scorecard

TY October 2021

MEASURE		RESULT	NUM	DENOM	EXCL
Undiagnosed HTN		3.3%	21,700	653,253	38,472
HTN Controlling High BP	●	61.9%	120,216	194,333	6,466
HTN Controlling No BP		7.1%	13,729	194,333	6,466
MH Essential HTN Prevalence		26.3%	180,129	684,754	40,932

HTN Controlling High Blood Pressure by Sex



TY October 2021

SEXES AT BIRTH		RESULT	NUM	DENOM	TO TRGT
F	●	63.8%	65,457	102,603	0.00
M	●	59.7%	54,750	91,708	1,192.00
O	●	35.7%	5	14	4.00
U	●	50.0%	4	8	1.00

HTN BP Control by Age



TY October 2021

AGE		RESULT	NUM	DENOM
<= 1	●	0.0%	0	0
2-4	●	0.0%	0	0
5-12	●	0.0%	0	0
13-14	●	0.0%	0	0
15-19	●	66.9%	101	151
20-34	●	57.3%	5,019	8,757
35-44	●	58.0%	11,819	20,366
45-64	●	62.2%	62,128	99,910
65 +	●	63.2%	41,149	65,149

HTN Prevalence by Age







TY October 2021

AGE	RESULT	NUM	DENOM	EXCL
<= 1	0%	0	0	0
2-4	0%	0	0	0
5-12	0%	0	0	0
13-14	0%	0	0	0
15-19	1%	251	24,301	966
20-34	4%	7,258	189,967	26,973
35-44	14%	17,736	125,404	10,514
45-64	38%	91,119	240,929	1,876
65 +	61%	63,765	104,153	603

Social Determinants of Health: Race & Ethnicity

HTN Controlling High Blood Pressure by Race					
TY October 2021					
RACES		RESULT	NUM	DENOM	
American Indian/Alaska Native		63.2%	918	1,452	
Asian		68.3%	3,185	4,665	
Black/African American		57.6%	29,882	51,898	
Ignore		59.6%	872	1,462	
More than One Race		61.1%	3,933	6,441	
Native Hawaiian		68.6%	129	188	
Pacific Islander		63.3%	695	1,098	
Unmapped		100.0%	4	4	
Unreported/Refused to Report Race		62.0%	24,785	39,983	
White		64.0%	55,812	87,141	

HTN Controlling High Blood Pressure by Ethnicity						
TY October 2021						
ETHNICITIES		RESULT	NUM	DENOM	TO TRGT	
Hispanic/Latino		63.1%	33,542	53,138	0.00	
Non-Hispanic/Latino		61.6%	77,413	125,596	0.00	
Unreported/Refused to Report Ethnicity		59.4%	9,260	15,598	255.00	

Social Needs Among HTN Patients

>12 SDOH

37

Pts w/ UDS Qualifying Enc



8-12 SDOH

898

Pts w/ UDS Qualifying Enc



4-7 SDOH

31,402

Pts w/ UDS Qualifying Enc



<4 SDOH

182,641

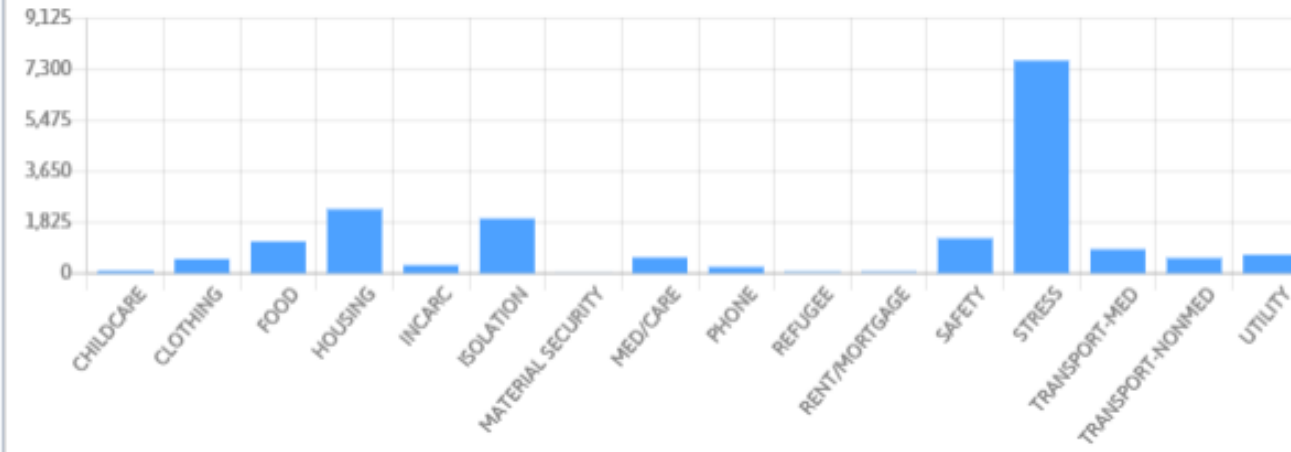
Pts w/ UDS Qualifying Enc



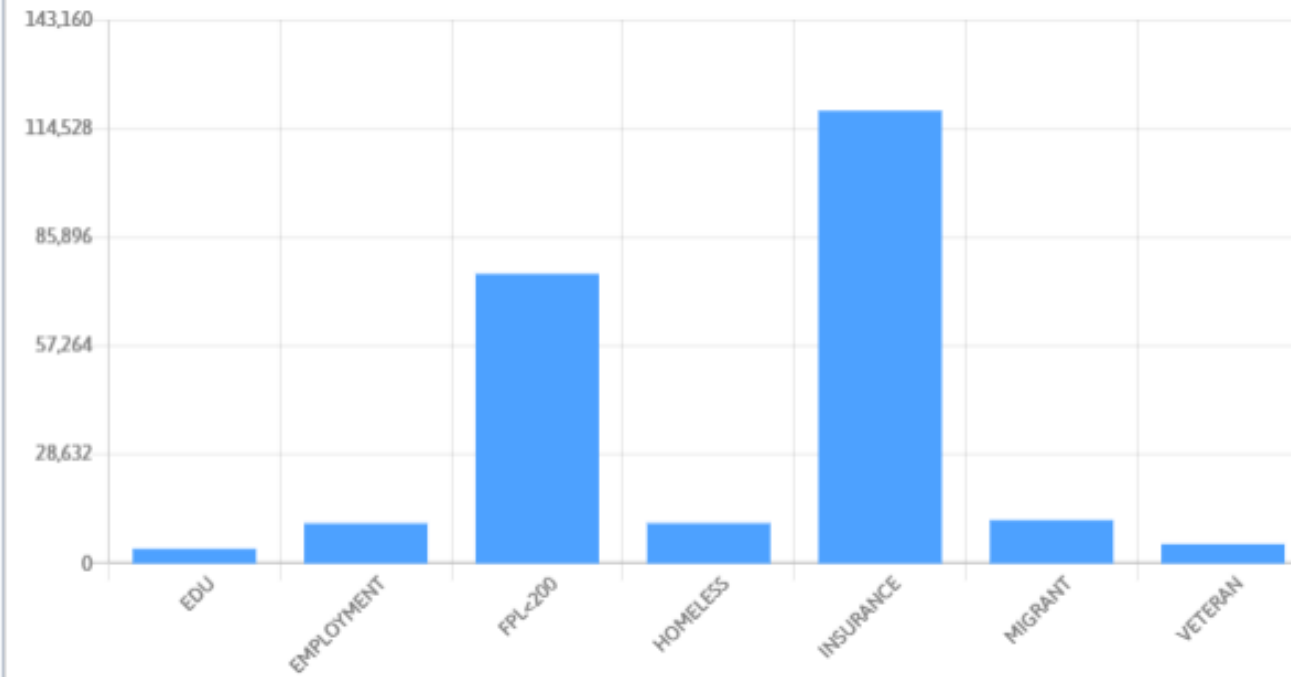
SDOH Count Distribution

SDOH COUNTS	NUM
0	33,139
1	51,530
2	55,095
3	42,877
4	22,104
5	6,433
6	2,004
7	861
8	454
9	230
10	121
11	61
12	32
13	24
14	8
15	2
16	3
17	0
18	0
19	0

SDOH Non-UDS

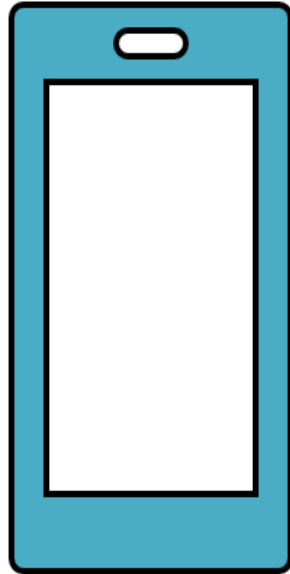


Patient Characteristics





Community Health Center Successful Strategies



REMOTE PATIENT MONITORING:

*Leveraging technology to improve
hypertension in underserved
communities*



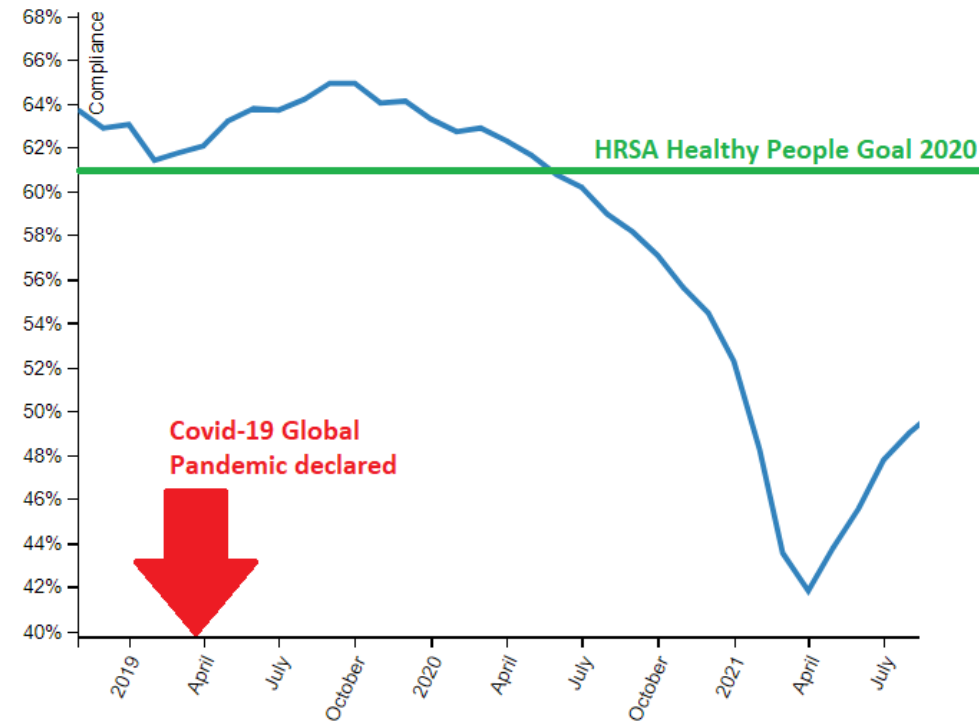
CORE GROUP

Jean Better Cazeau, DNP, RN
Rebecca Lee, MD
Sara Fernandez, PhD

RPM INITIATIVE BACKGROUND

- CHN serves medically underserved populations -- disproportionately impacted by chronic diseases including hypertension (HTN)
 - **28% Adults in NYC**
 - **40% Adults in CHN communities**
- >7700 CHN adult patients diagnosed with HTN
 - **50% controlled Hypertension**
 - **Declined since COVID pandemic**
- CHN received grant from HHS/HRSA to improve HTN among racial and ethnic minorities
 - **National Hypertension Control Initiative**

Controlling High Blood Pressure (UDS 2021 Table 7)





PROJECT GOALS

**PROMOTING
PATIENT'S
ENGAGEMENT IN
THEIR CARE**

**ACHIEVING BP
CONTROL (<140/90) FOR
ENROLLED PATIENT
OVER THE COURSE OF
AT LEAST 1 MONTH**

**IMPROVEMENT IN BP OF
10% ENROLLED PTS/YR
OVER 3 YR= 30% OF
ENROLLED PATIENTS AT
THE CONCLUSION OF
THE PROJECT**



PILOT LAUNCH- AUG 2021

- **4 pts** (2 participants of Health Homes (HH))
- **Enrollment Day**
 - Routine visit with PCP
 - Meet with Clinical staff (HH, Nursing) for training
 - Consent
 - Downloading platform app on smartphone
 - Navigating platform
 - Pairing BP monitor to platform
 - How to take BP

Setting Up Your Device for Prevvy

How to set up your iPhone

1. Download Prevvy from the App Store. When it is finished downloading, click **Open**.
2. A message will pop-up asking permission to use Bluetooth. This is important for connecting the blood pressure monitor to Prevvy. Click **Ok**.
3. A second message will pop-up asking



Pairing Your Blood Pressure Monitor to Prevvy

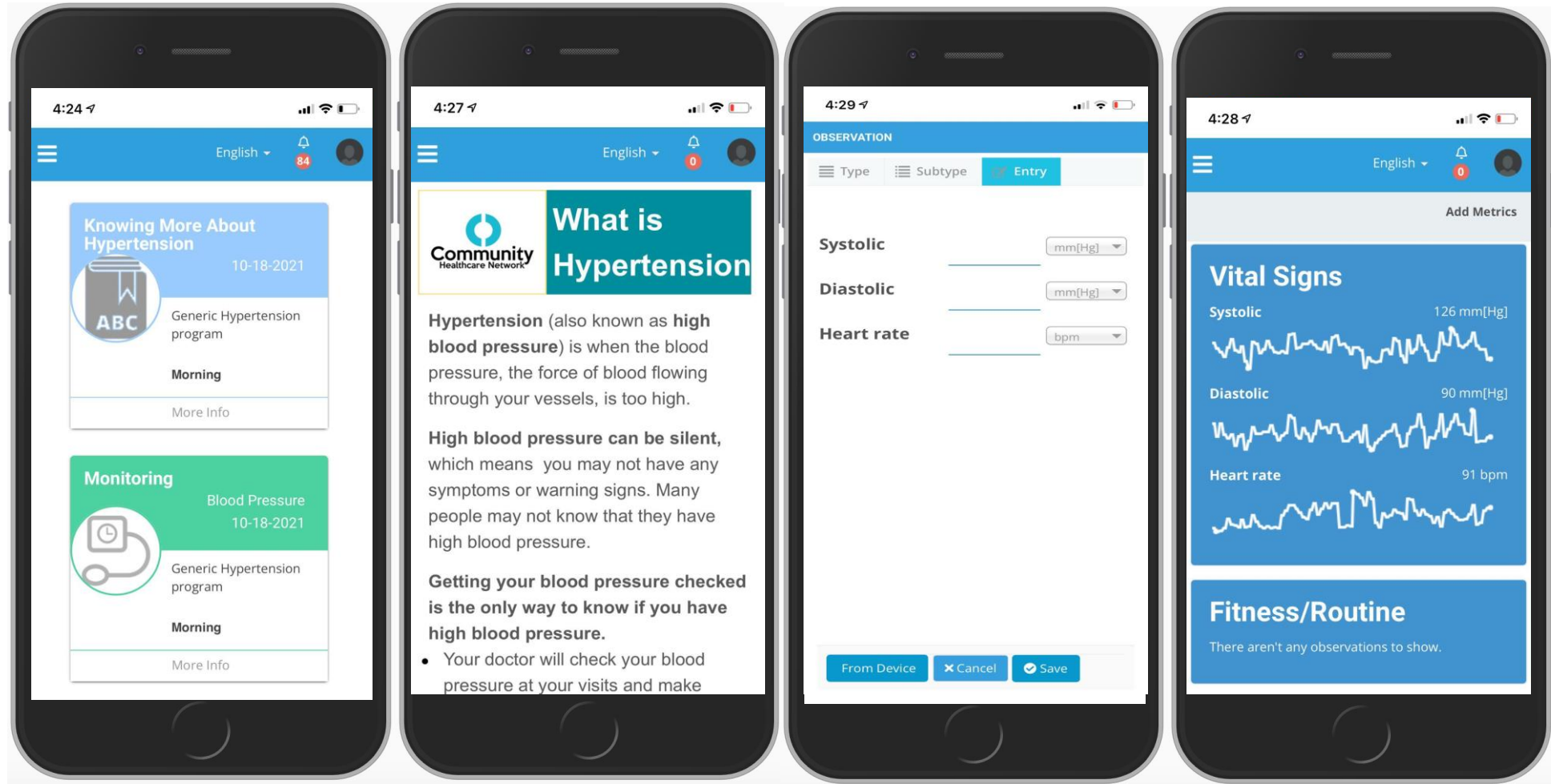
How to Pair

1. Log in to Prevvy. Go to the **drop-down menu**. Click **Devices**.
2. On the blood pressure monitor, press and hold the **Bluetooth** button until you see the letter **"P"** blinking on the screen. This means the device is ready to pair.



At a glance...

PREVVY PLATFORM-PATIENTS



At a glance...

PREVVY PLATFORM -CLINICAL TEAM

The screenshot displays the Prevvy Platform interface for a clinical team. The top navigation bar includes the Prevvy logo and a search bar. The left sidebar contains navigation links for Patients, Metrics, Encounters, Care plans, and Assessments. The main content area shows a table of patient observations with columns for Patient, Action, Sys, Dia, Heart Rate, No Tracking in, Tracked days/month, and Last Review. An 'OBSERVATION DETAILS' modal is open, showing a history of observations for a specific patient, including dates, times, and vital signs (Systolic, Diastolic, Heart rate).

Table 1: Patient Observations

Patient	Action	Sys	Dia	Heart Rate	No Tracking in	Tracked days/month	Last Review
[Redacted]	[Icons] 0 mins	126	90	91	3	5	09/21/2021
[Redacted]	[Icons] 0 mins						09/21/2021
[Redacted]	[Icons] 0 mins						09/21/2021
[Redacted]	[Icons] 20 mins						10/18/2021
[Redacted]	[Icons] 0 mins						

Table 2: Observation Details History

Date	Time	Systolic	Diastolic	Heart rate	Tracked
10/17/2021	17:37	128 mmHg	90 mmHg	69 bpm	● ●
10/17/2021	17:35	126 mmHg	88 mmHg	68 bpm	● ●
10/17/2021	08:05	124 mmHg	98 mmHg	71 bpm	● ●
10/17/2021	08:01	123 mmHg	94 mmHg	73 bpm	● ●
10/16/2021	19:15	127 mmHg	92 mmHg	78 bpm	● ●
10/16/2021	19:13	127 mmHg	86 mmHg	74 bpm	● ●
10/16/2021	06:17	126 mmHg	92 mmHg	76 bpm	● ●
10/16/2021	06:16	128 mmHg	97 mmHg	75 bpm	● ●
10/15/2021	18:03	107 mmHg	79 mmHg	80 bpm	● ●
10/15/2021	18:00	110 mmHg	76 mmHg	76 bpm	● ●
10/15/2021	06:35	121 mmHg	86 mmHg	75 bpm	● ●
10/15/2021	06:34	134 mmHg	93 mmHg	79 bpm	● ●
10/14/2021	18:36	116 mmHg	81 mmHg	72 bpm	● ●
10/14/2021	18:35	121 mmHg	79 mmHg	73 bpm	● ●
10/14/2021	05:24	124 mmHg	79 mmHg	70 bpm	● ●
10/14/2021	05:23	118 mmHg	84 mmHg	74 bpm	● ●
10/12/2021	18:28	119 mmHg	86 mmHg	73 bpm	● ●

PILOT SUCCESS CASE

46 year old Female with history of hypertension, obstructive sleep apnea, obesity, dyslipidemia

HTN has been uncontrolled since 2017.

- 09/01/2017: 152/103
- 06/05/2018: 123/94
- 07/08/2019: 151/93
- 07/10/2020: 144/102
- 07/26/2021: 146/110
- 08/16/2021: 128/100 (PILOT enrollment)
- 10/15/2021: 116/81

Current HTN medications: Amlodipine 10mg daily, Atenolol 50mg daily, lisinopril 40 mg daily.

Patient reports improved adherence to lifestyle changes due to daily reminders.

OBSERVATION DETAILS

10/16/2021	22:13	127 mmHg	86 mmHg	74 bpm	●
10/16/2021	09:17	126 mmHg	92 mmHg	76 bpm	●
10/16/2021	09:16	128 mmHg	97 mmHg	75 bpm	●
10/15/2021	21:03	107 mmHg	79 mmHg	80 bpm	●
10/15/2021	21:00	110 mmHg	76 mmHg	76 bpm	●
10/15/2021	09:35	121 mmHg	86 mmHg	75 bpm	●
10/15/2021	09:34	134 mmHg	93 mmHg	79 bpm	●
10/14/2021	21:36	116 mmHg	81 mmHg	72 bpm	●
10/14/2021	21:35	121 mmHg	79 mmHg	73 bpm	●
10/14/2021	08:24	124 mmHg	79 mmHg	70 bpm	●
10/14/2021	08:23	118 mmHg	84 mmHg	74 bpm	●
10/12/2021	21:28	119 mmHg	86 mmHg	73 bpm	●
10/12/2021	21:27	118 mmHg	86 mmHg	74 bpm	●
10/12/2021	08:22	126 mmHg	87 mmHg	73 bpm	●
10/12/2021	08:21	124 mmHg	88 mmHg	77 bpm	●
10/11/2021	21:57	118 mmHg	84 mmHg	74 bpm	●
10/11/2021	21:56	122 mmHg	82 mmHg	74 bpm	●
10/11/2021	09:05	116 mmHg	86 mmHg	80 bpm	●
10/11/2021	09:04	114 mmHg	80 mmHg	72 bpm	●
10/10/2021	21:25	114 mmHg	80 mmHg	77 bpm	●



PILOT – LESSONS LEARNED



LANGUAGE
ELEMENT



DEVICE
CONNECTIVITY



ADDITIONAL
SUPPLIES



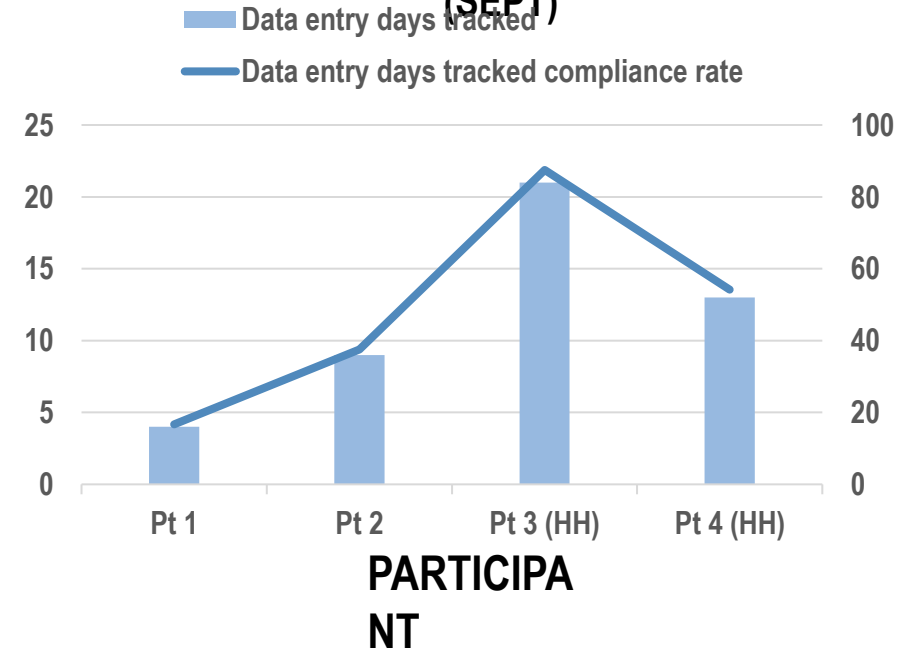
CUSTOMER
SUPPORT

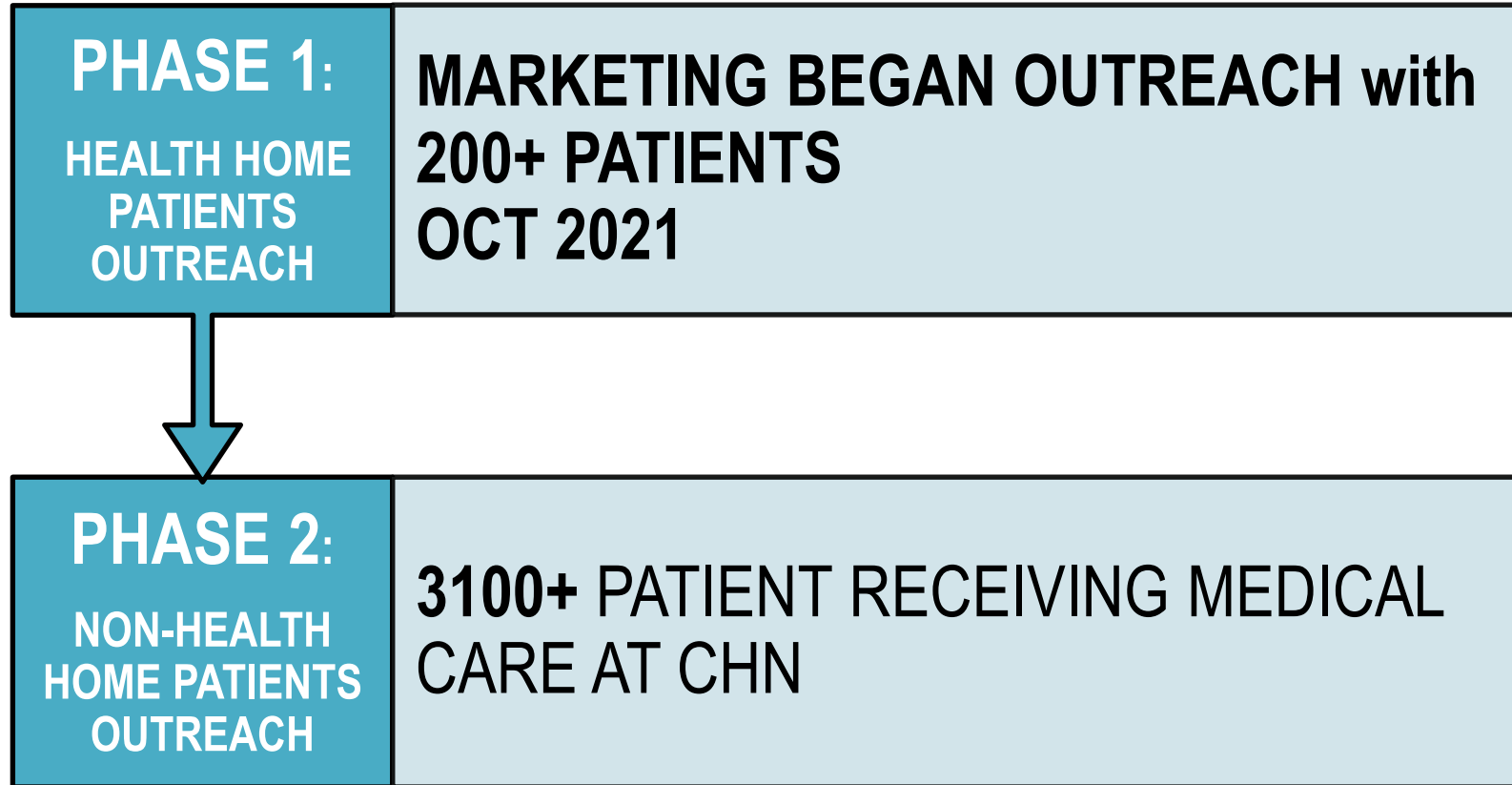


HEALTH HOMES
SIGNIFICANCE

MEANINGFUL SURVEY	
THEME	FEEDBACK (3)
FREQUENCY OF ALARMS	+
<i>Alarm encouraged me to exhibit the right behavior (taking BP, monitor sodium level)</i>	
TIME OF BP CHECK	+
<i>As long as reminder is there, patient would still exhibit the right behavior.</i>	
EASE OF USE OF BP DEVICE AND NAVIGATION OF PLATFORM	+
ACCESSING SUPPORT	+
<i>Patient can benefit from more guidance. A check in once a week would be helpful for the first two months, ideally with a phone call since it is more personable.</i>	

• COMPLIANCE-TRACKED DAYS/MONTH (SEPT)





RPM PROGRAM EXPANSION



THANK YOU!

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Improving Hypertension in Primary Care Settings

Presented by: Emelie Obrochta, MPA
Director of East Side Programs

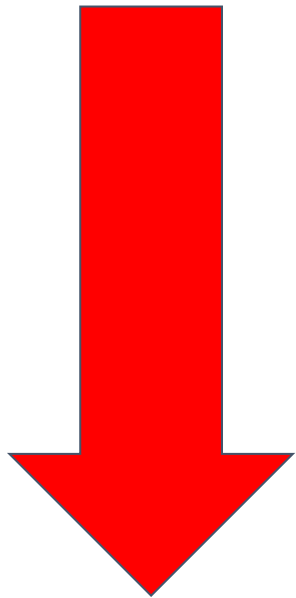


HRSA SMBP Grant

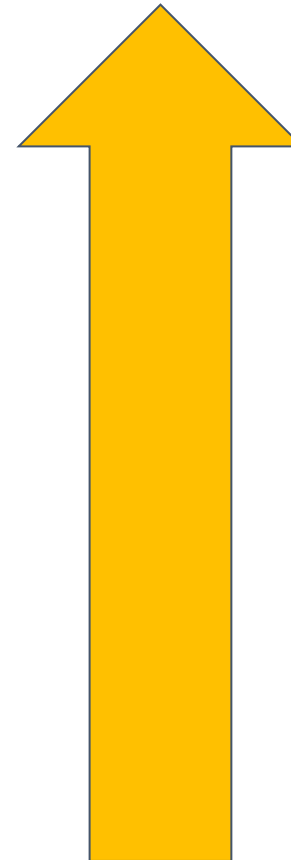
Objective: Health centers have until the end of the 3-year period to make SMBP devices available to a majority of patients 18 to 85 years old diagnosed with hypertension

Awarded: January 13th 2021

Measurable Outcomes:



- Disengaged patients with hypertension (decreased number)
- Blood pressure levels (decrease in both systolic and diastolic)
- Mortality Rates (decrease in ED visits and hospital discharge for hypertensive crisis)



- Med adherence
- % Controlled
- # patients screened for HTN
- SDOH lens: patient education and understanding
- Culture change: workflow, treatment protocols, SMBP based patient engagement
- Health and digital literacy

Hypertension Care Team Roles & Deliverables

Community Health Workers

- Engaged patients with hypertension
- SDOH lens: patient education and understanding
- Health and digital literacy

Clinical Pharmacist

- Med adherence
- # patients screened for HTN

Clinical Team

- Culture change: workflow, treatment protocols, SMBP based patient engagement

Workflow Processes

HRSA HTN Potential Candidate



Report Criteria:

Patients seen in Q1 of 2021 with 3
BPs greater than 140 or 90 for the
past 3 BPs

*(excluding those only seen for covid
testing or vaccine administration)*

Q1 Report total = 374 patients

Internal Referral

 Test Test Consult 11/01/2000 20 yrs, 4 mos Acct# 31516		JRCHC Triage	
			
User	TEAM,HTN HRSA	Status	Open
Reason	INTREFHTN	Rating	1 Normal
INT REF HTN HRSA			
Primary Language:			
Secondary Language:			
Most Recent Blood Pressure: 145/96			

SMBP Devices

Welch Allyn Home with SureBP Technology

- Bluetooth/Wifi enabled
- Data is stored in the Welch Allyn Home app

Challenges:

- Devices arrived June 30th due to back order
- Not all patients have wifi access or compatible devices

Billing:

- 99473- Self-measured blood pressure using a device calibrated for clinical accuracy; patient education/training and device calibration
- 99474- Self-measured blood pressure; two readings one minute apart twice daily over a 30-day period (minimum 12 readings)

Device Loaner Agreement:

- 3 month loaner agreement

6 Month Progress

Outreach Efforts

	Quarter 3 2021
Outreached Total	157
Scheduled	78
Declined	35
Intake Completed	45
Devices Loaned	16

UDS: Controlling High BP

CY 2020	Jan - Aug 2021	2020 National Avg
55.2%	58.1%	57.98%

Total Candidates Jan - Oct 2021	% Controlled
936	30%