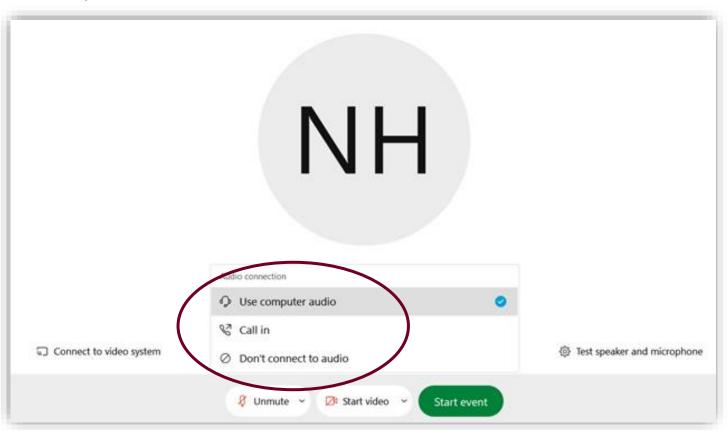
Ensure you've connected to audio!

Option 1: "Call In"

Follow the process to dial in from a phone

Option 2: "Use Computer Audio"
You must have computer speakers
and microphone



After connecting, if you don't see a phone/headset icon next to your name, please attempt to connect your audio again!



www.nachc.org

Million Hearts® Self-Measured Blood Pressure Monitoring (SMBP) Forum

June 10, 2021

1:00-2:00 PM EST



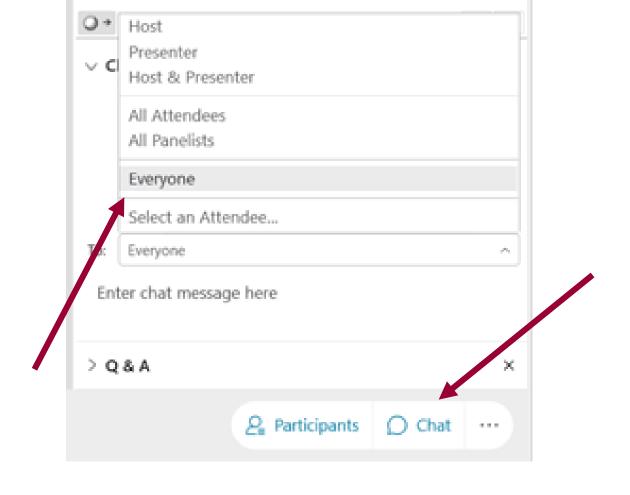
How to Chat

The chat feature is available to pose questions to the group or make comments anytime throughout today's webinar.

Submit to "Everyone" and click the send button.

Introduce yourself!

Where are you joining us from?

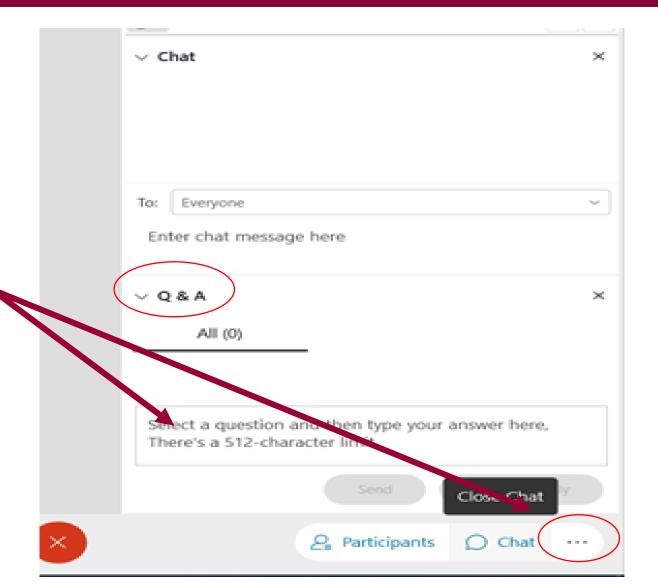




Submitting Questions

Your questions should be submitted through the "Q&A" box. Questions will be answered by the panelists throughout the session and we highly encourage continued discussion in the chat box throughout the presentation.

Open then "Q&A" box using the ellipses. Questions will be seen by all panelists





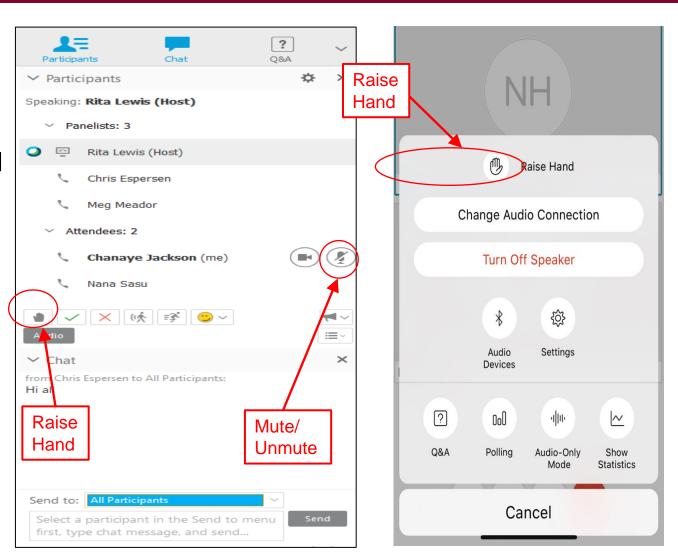
How to Speak and Participate (Computer and Mobile)

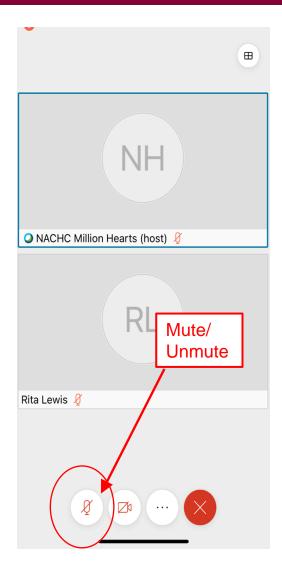
Please "raise your hand" to indicate to the host that you would like to speak to the Forum.

To do so, click the hand symbol icon. Once clicked, a gray hand will appear beside your name in the participant list.

After you have been called or spoken, click the hand symbol icon again to lower your hand.







Disclaimer

The opinions expressed by authors contributing to this project do not necessarily reflect the opinions of the US Department of Health and Human Services, the Public Health Service, the Centers for Disease Control and Prevention, or the authors' affiliated institutions. Use of trade names is for identification only and does not imply endorsement by any of the groups named below.



Attendee Poll: Who All Is Here

- Please share your role type:
 - Prescribing Clinician
 - CHC Clinical Staff
 - Public Health Professional
 - Payer



Agenda

- Welcome, Introductions, and Agenda Overview
 - Rita Lewis, MPH, CPHQ, NACHC
 - Judy Hannan, RN, MPH, Million Hearts[®], CDC
- It Takes a Village: Roles and Opportunities for Patients, Clinicians, Care Teams, and Community-Based Organizations
 - Meg Meador, MPH, C-PHII, CPHQ, NACHC
 - Hilary Wall, MPH, Million Hearts[®], CDC
- Open Panel Discussion
- Updates for the Good of the SMBP Forum
 - NACHC's 5/23 Buying Home Blood Pressure Monitors to Support SMBP: How to Get Started webinar and summary information – Meg Meador (NACHC)



Agenda (Continued)

- Updates for the Good of the SMBP Forum
 - HRSA SMBP 101 (6/11) and 102 (6/24) webinar Series Ayanna Williams, MPH (BPHC/HRSA)
 - 9/9 Million Hearts® SMBP Forum: SMBP Health IT Environmental Scan Hilary Wall, MPH, Million Hearts®, CDC
 - Million Hearts® SMBP Forum webpage and resources Rita Lewis, MPH
 - Upcoming Hypertension-related Events Rita Lewis, MPH
- Updates, Additional Resources, and Closing



Today's Objectives

 Highlight the roles of staff and community partners used to successfully implement SMBP

 Provide unique perspectives on how to share the work to implement SMBP across clinicians, partners, patients



Panel Presentations



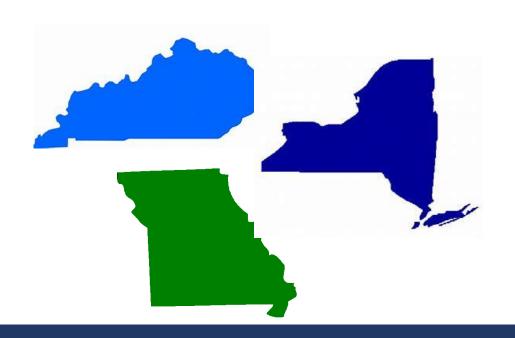


Accelerating Use of Self-measured Blood Pressure Monitoring (SMBP) through Clinical-Community Care Models

Meg Meador, MPH, C-PHI, CPHQ
Director, Clinical Integration & Education
National Association of Community Health Centers (NACHC)

SMBP Forum June 10, 2021

Accelerating Self-Measured Blood Pressure Monitoring (SMBP) Project





Overview:

From Jan 2017 – Jun 2018, nine health centers and community partners in KY, MO, and NY designed, tested, and implemented collaborative SMBP care models

Aims:

- Learn how the actions of clinical providers, community organizations, and public health could best be coordinated/aligned to facilitate broader uptake of SMBP
- Increase use of SMBP using collaborative care models





Accelerating SMBP Project Partners



MISSOURI

Health Center Teams

- Affinia Healthcare
- · Samuel U. Rodgers Health Center

Local YMCAs

- Gateway Region YMCA
- YMCA of Greater Kansas City

Local Public Health

- City of St. Louis Health Dept.
- Kansas City Health Dept.

State and Regional Organizations

- Missouri Primary Care Association
- Missouri State Alliance of YMCAs
- Missouri Dept. of Health and **Senior Services**

NEW YORK

Health Center Teams

- Finger Lakes Community Health
- Hudson River Healthcare
- Open Door Family Medical Centers
- Whitney M. Young, Jr. Health Center

Local YMCAs

- Capital District YMCA
- Rye YMCA
- Rochester YMCA

Local Public Health

- Albany County Department of Health
- Dutchess County Dept. of **Behavioral and Community** Health
- Westchester County Dept. of Health
- Yates County Health Department

State and Regional Organizations

- HealthEfficient
- NY State Alliance of YMCAs
- NY State Dept. of Health

KENTUCKY

Health Center Teams

- ARcare/KentuckyCare
- Shawnee Christian Health Center
- White House Clinics

Local YMCAs

- YMCA of Greater Louisville
- Central Kentucky YMCA

Local Public Health

- Louisville Metro Department of **Public Health**
- Purchase District Health Department

State and Regional Organizations

- Kentucky Health Center Network
- Kentucky State Alliance of YMCAs
- Kentucky Dept. for Public Health

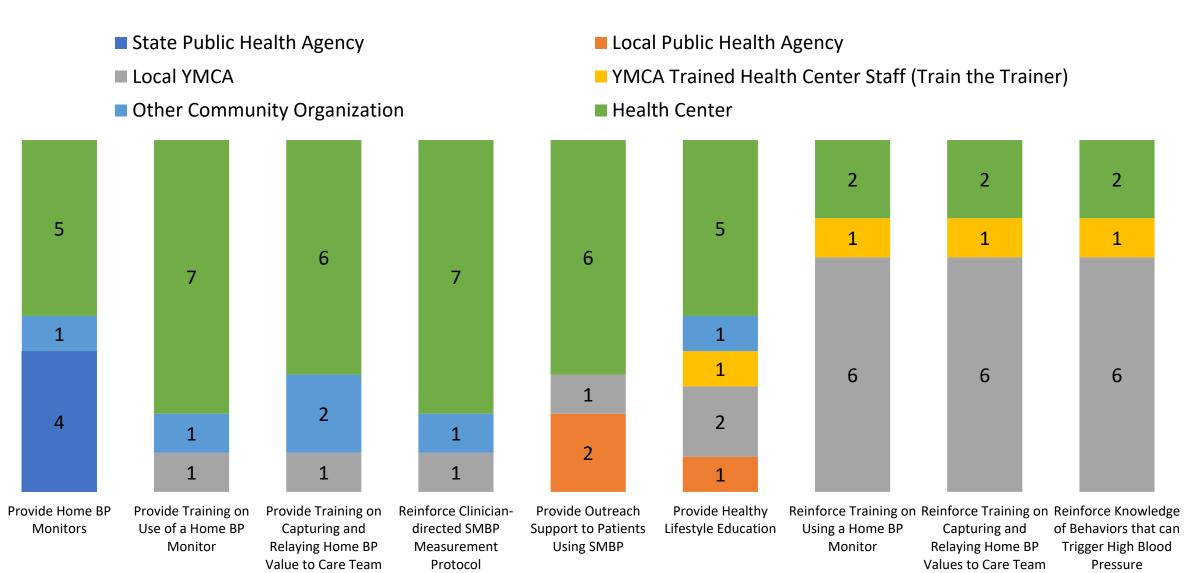
What does it take? SMBP Tasks by Role

Must Be Done by a Licensed Clinician	Can Be Done by a Non-licensed Person (e.g., medical assistant, local public health department, community health organization, community health workers)	Must Be Done by Patient
 Diagnose hypertension Prescribe medication(s) Provide SMBP measurement protocol Interpret SMBP measurements Medication titration Lifestyle modification recommendations 	 Provide guidance on home blood pressure (BP) monitor selection If needed, provide home BP monitor (free or loaned) Provide training on using a home BP monitor Validate home BP monitor against a more robust machine Provide training on capturing and relaying home BP values to care team (e.g., via device memory, patient portal, app, etc.) Reinforce clinician-directed SMBP measurement protocol Provide outreach support to patients using SMBP Share medication adherence strategies Provide lifestyle modification education Optional Tasks: Reinforce training on using a home BP monitor Reinforce training on capturing and relaying home BP values to care team Reinforce knowledge of behaviors that can trigger high blood pressure 	 Take SMBP measurements Take medications as prescribed Make recommended lifestyle changes Convey SMBP measurements to care team





Where the Collaboration Occurred







The Collaboration Sweet Spot – SMBP Support Activities



Purchase home blood pressure monitors to seed loaner programs



One-on-one counseling



Web-based or telephone support





Training and Orienting Patients to SMBP



Educational classes





SMBP Models – Broad Approaches

SMBP Only

• White House Clinics: used CHWs to train and provide outreach to patients

SMBP + Y SMBP
Support/Lifestyle Education

- Affinia: Embedded Y in health center 2x/week to train patients on SMBP and offer Y SMBP Support/Lifestyle education program; local AHA donated devices
- Sam Rodgers: All patients who signed up for SMBP also enrolled in Y program; Y program offered at the health center in the evenings
- Shawnee Christian: referred patients to Y program if BP still uncontrolled after SMBP
- Whitney Young: All patients who complete SMBP offered Y SMBP support/lifestyle education program; local public health department made house calls to patients needing extra SMBP support

SMBP + Y SMBP Support/Lifestyle Education (Train the Trainer and Other Collaboration)

- Finger Lakes: No Y in local area; health center and local public health dept. staff completed online Y SMBP support/lifestyle education program to deliver program in health center and community
- **Open Door:** Used Americorps volunteers to train patients on SMBP; had in-house lifestyle education for some sites, use local Y program for other sites

SMBP + Lifestyle Education (Other Collaboration only)

• ARcare: In KY, local public health department did telephone outreach; in AR pharmacy students did SMBP education and medication review

SMBP + Emerging Y and Other Collaboration

• **Hudson River Healthcare:** No Y in local area, but worked with local public health department and Y of sister health center to provide patient education





Lessons Learned and Ah-has

- Cultivate buy-in early and deliberately from your own staff. Get your own house in order first...
- Clinical-community partnerships are investments that take time, dedicated staff, and clear communication
- Leverage existing relationships but be creative about exploring new ones
- A clear SMBP protocol that outlines the role of collaborative partners is fundamental
- Ideally, develop or identify a system where all partnering agencies can track, update, and have data available in real-time





Quotations

"The majority of our patients are Medicaid recipients who have limited number of adult visits per year. A community/public health resource can provide the support these patients require to self manage by carrying on the work begun in the clinical environment."

"We feel that the community partner is key to success in this [SMBP] program. Our internal staff have many priorities and were spread too thin to take on an expanded coaching role at this time."

"This collaborative model has provided a framework for care team members to work to the top of their license, increased access to providers' schedules to see other patients, allowed patients to measure blood pressure in their natural environment, and decreased time between medication adjustments."

"Determine a [SMBP] process and jump in! Then be flexible and willing to change the defined process"





Resources

SMBP Toolkit (2020):

https://www.nachc.org/wpcontent/uploads/2020/12/SMBP-Toolkit FINAL.pdf

- Determining SMBP Goals & Priority Populations
- SMBP Protocol Design Checklist
- SMBP Tasks by Role
- Aligning SMBP Patient Training Approach to Practice Environment

SMBP Implementation Guide (2018):

https://www.nachc.org/clinical-matters/nachc-health-care-delivery-smbp-implementation-guide-08222018/

- Optimize your SMBP approach:
 - Strategies/change ideas to shore up areas where your approach most needs attention
 - Specific examples of tools and resources shared by health centers who have successfully implemented SMBP





Resources

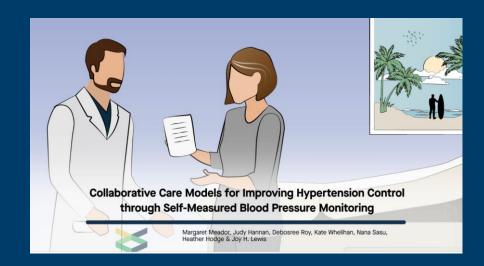
Collaborative Models for Improving HTN Control through SMBP Video

https://youtu.be/I-mtmBAT6Nw

Buying Home Blood Pressure Monitors to Support SMBP

- Recording: https://www.youtube.com/watch?v=JPGt91aYbSY
- At-a-Glance Comparison: https://www.nachc.org/wp-content/uploads/2021/05/Choosing-a-Home-BP-Monitor At-a-Glance-Comparison.pdf
- Notes/Scoring Rubric Tool:

 https://www.nachc.org/wp-content/uploads/2021/05/Home-BP-Monitor-Considerations-and-Comparisons_Notes-and-Rubric.xlsx



CHOOSING A HOME BLOOD PRESSURE MONITOR FOR YOUR PRACTICE At-a-Glance Comparison

LEGEND:	YES NO									
DEVICE MANUFACTURER	DEVICE NAME	ON U.S. VALIDATED DEVICE LISTING	UPPER ARM DEVICE	XL CUFF AVAILABLE	BLUETOOTH- ENABLED SELF REPORTING	AC ADAPTER AVAILABLE	MEMORY STORAGE CAPACITY (measurements per user)	NUMBER OF USERS	AVERAGING CAPABILITY (Device takes 2-3 measurements automatically and calculates the average)	MONI
A&D Medical	UA-651 Essential	*					30	1		
A&D Medical	UA-651BLE Wireless	*					30	1		
A&D Medical	UA-767F Premium	*					60	4		
A&D Medical	UA-1030T Talking						90	1		
A&D Medical	Ultraconnect Wireless						100	5		
A&D Medical	UA-789AC Extra Large	**					60	1		
Hillrom-Welch Allyn	Welch Allyn Home Blood Pressure Monitor 1700 Series						99	1		
Omron	Bronze Upper Arm						14	1		
Omron	3 Series Upper Arm						14	1		





Thank you!

Meg Meador, MPH, C-PHI, CPHQ

Director, Clinical Integration & Education
National Association of Community Health Centers

mmeador@nachc.org





The Role of Public Health in Self Measured Blood Pressure Monitoring (SMBP)

Hilary K. Wall, MPH

Senior Scientist/Million Hearts Science Lead
Division for Heart Disease and Stroke Prevention
Centers for Disease Control and Prevention

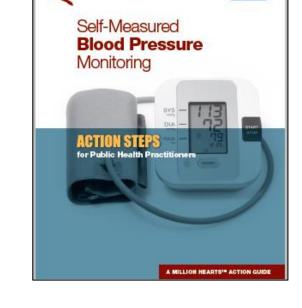


Million Hearts SMBP Forum June 10, 2021

Potential Roles of Public Health

Departments of Health – working on SMBP since 2013

- 1. Explore the Environment
- 2. Work with Payers and Purchasers
- 3. Work with Health Care Providers
- 4. Help Spread the Word to the Public
- 5. Monitor and Assess Progress





Work with Payers and Purchasers

Opportunities for coverage and reimbursement

- Public employee insurance plans
- Self-insured employers
- Medicaid



Medicaid Coverage – Preliminary* Results

Coverage Aspect	States that Provide Coverage				
Automatic BP Device Only (HCPCS A4670), n=19	Alaska, Arkansas, California, Colorado, Connecticut, D.C., Illinois, Iowa, Louisiana, Maine, Massachusetts, Minnesota, Missouri, Nebraska, Nevada, New Hampshire, New York, Utah, Washington				
Automatic BP Device <u>and</u> SMBP Services, n=13	Delaware, Hawaii, Idaho, Indiana, Michigan, North Carolina ^{\$} , North Dakota, Ohio, Oregon ^{\$} , Texas, Virginia, Wisconsin, Wyoming				
SMBP Services Only (CPT 99473, 99474), n=7	Arizona, Florida ^{\$} , Georgia, Kansas, Kentucky, Montana, New Mexico				
SMBP Cuff (HCPCS A4663), n=26	Alaska, California, Colorado, Delaware, D.C., Illinois, Indiana, Kansas, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New York, North Dakota, Ohio, Texas, Utah, Virginia, Washington, Wisconsin, Wyoming				

^{*} Results from a preliminary analysis of coverage information available on websites, which will be validated and completed later in 2021.

^{\$} Likely linked to the Public Health Emergency

Work with Health Care Providers

Provide TA and resources

- The Economic Case for SMBP
- AMA SMBP CPT Coding
- U.S. Validated Device Listing

Quality improvement collaboratives or academic detailing

- Million Hearts Hypertension Control Change Package
- NYC Health ABCS Toolkit for the Practice Facilitator
- MPRO and the MO Department of Health and Senior Services Missouri SMBP | MPRO

Support FQHCs

Meador M, et al. Accelerating Use of Self-measured Blood Pressure Monitoring (SMBP)
 Through Clinical-Community Care Models. J Community Health. 2021.Feb;46(1):127-138.



Help Spread the Word to the Public

Tailored messages to local subpopulations

- Montana Department of Health Cardiovascular Health Program
 - How To Take Your Blood Pressure At Home Crow (Apsáalooke) with English Subtitles [video]
 - How To Take Your Blood Pressure Blackfeet English Subtitles with Plains Indian Sign [video]
- Washington State Department of Health
 - SMBP-related Educational Materials
 - Chinese, Korean, Vietnamese, Russian, Spanish





Monitor and Assess Progress

- BRFSS SMBP Module
- Fang J, Luncheon C, Wall HK, Wozniak G, Loustalot F. Self-measured blood pressure in <u>20 states and the District of Columbia</u>, 2019. Am J of Hypertension. In press.



Additional Resources

- Million Hearts SMBP webpage https://millionhearts.hhs.gov/tools-protocols/smbp.html
- Surgeon General's Call to Action to Control Hypertension State and Local Government Sector Guide – https://www.cdc.gov/bloodpressure/docs/Surgeon_General_HTN_Control_State_Local_Govt.pdf
- NACHC SMBP Implementation Toolkit https://www.nachc.org/wp-content/uploads/2020/12/SMBP-Toolkit_FINAL.pdf
- Target:BP SMBP Resources https://targetbp.org/tools-downloads/?keyword=SMBP&sort=topic&



Partnerships Central to Improving Control

- Identifies specific partners to promote hypertension control
- Highlights the many partners needed to improve hypertension control
- Sector Guides:
 - Recommended Actions
 - Resources





Thank you!

Hilary Wall – hwall@cdc.gov



Attendee Poll

 What partnerships or staff have been beneficial to your organization for implementing SMBP?

 How is your organization engaging partners to implement SMBP?



Q&A



Updates



Upcoming Hypertension Related Events

Date/Time	Title	Host	Description	URL
June 11; 1- 2pm ET	SMBP 101: Best Practices for Implementing SMBP	HRSA	Part one of this SMBP webinar series will highlight resources and best practices from BPHC's federal partners surrounding SMBP and hypertension control in health centers.	<u>Link</u>
June 24; 12:30- 2:00pm ET	SMBP 102 : Challenges and Best Practices of Implementing SMBP	HRSA	Part two of this webinar series will highlight examples of SMBP/hypertension control initiatives being implemented in health centers. Health centers will speak to their challenges and lessons learned.	<u>Link</u>
August 23; 8:45- 10:00am ET	2021 Community Health Institute & Expo: Moving Forward on Hypertension Control	NACHC	This is an education session at NACHC's 2021 Community Health Institute & Expo, the largest annual gathering of health center clinicians, executives, consumer board members along with Health Center Controlled Networks and State/Regional Primary Care Associations.	<u>Link</u>
September 9; 1-2pm ET	Quarter 3 SMBP Forum: SMBP Health Information Technology Challenges and Solutions	CDC/ NACHC	This quarterly meeting is an opportunity for clinical, public health, and community-based partners to exchange best and promising practices, identify solutions to common obstacles, and share resources to accelerate SMBP monitoring uptake.	<u>Link</u>







Million Hearts® SMBP Webpage Refresh

Revised Million Hearts® SMBP Webpage

https://millionhearts.hhs.gov/toolsprotocols/smbp.html

Available for partner use at:

https://tools.cdc.gov/medialibrary/index.aspx#/media/id/280741





NACHC Resources



DECEMBER 2020

INSTRUCTIONS:

- 1 Complete <u>Determining Your SMBP Goals and Priority Populations</u>
- 2 Work through the SMBP Protocol Design Checklist

Implementation Toolkit

3 Use the <u>SMBP Tasks by Role</u> and <u>Aligning your SMBP Patient Training Approach</u> to your <u>Practice Environment</u> diagrams to adapt your SMBP care model to your patients' preferences, staffing capacity, other clinical initiatives or priorities, and local environment.

https://www.nachc.org/wp-content/uploads/2020/12/SMBP-Toolkit FINAL.pdf

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SMBP MONITORING TASKS BY ROLE

From: Accelerating Use of Self-measured Blood Pressure Monitoring (SMBP) Through Clinical-Community Care Models

MUST BE DONE BY LICENSED CLINICIAN

- 1 Diagnose hypertension
- 2 Prescribe medication(s)
- ③ Provide SMBP measurement protocol
- 4 Interpret patient-generated SMBP Readings
- (5) Provide medication titration
- 6 Provide lifestyle modification recommendations

MUST BE DONE BY PATIENT

- 1 Take SMBP measurements
- 2 Take medications as prescribed
- 3 Make recommended lifestyle modifications
- 4 Convey SMBP measurements to care team
- (b) Convey side effects to care team

CAN BE DONE BY SMBP SUPPORTER^a

- ① Provide guidance on home blood pressure (BP) monitor selection
- 2 If needed, provide home BP monitor (free or loaned)
- 3 Provide training on using a home BP monitor
- Validate home BP monitor against a more robust machine
- ⑤ Provide training on capturing and relaying h BP values to care team (e.g., via device men patient portal, app, log)
- Reinforce clinician-directed SMBP measure
- Provide outreach support to patients using
- 8 Share medication adherence strategies
- Provide healthy lifestyle education

OPTIONAL SMBP SUPPORTER TASKS

Reinforce training on using a home

BP monitor.

SMBP DATA MANAGEMENT

	Determine how patients will record/share data with the care team	Our protocol:
	Determine what types of SMBP measurements clinicians want to see	☐ 7-day SMBP avera☐ All individual hom☐ Outlier BP readin
	Determine what additional SMBP-related data elements are important to capture (e.g., flagging patients for SMBP, date started/completed SMBP, number of measurements/days, reason for SMBP, treatment decisions, etc.)	Our protocol:
	Determine where SMBP data will be documented (may require custom HIT configuration)	 Direct to EHR fror Manually docume Population Health Spreadsheet Vendor Portal Other
	Determine when and at what frequency clinicians want to review SMBP data (i.e., where and in what format does it fit in the workflow)	Our protocol:
	Determine if SMBP is having desired effect (i.e., how will you know it's working?)	Our protocol:



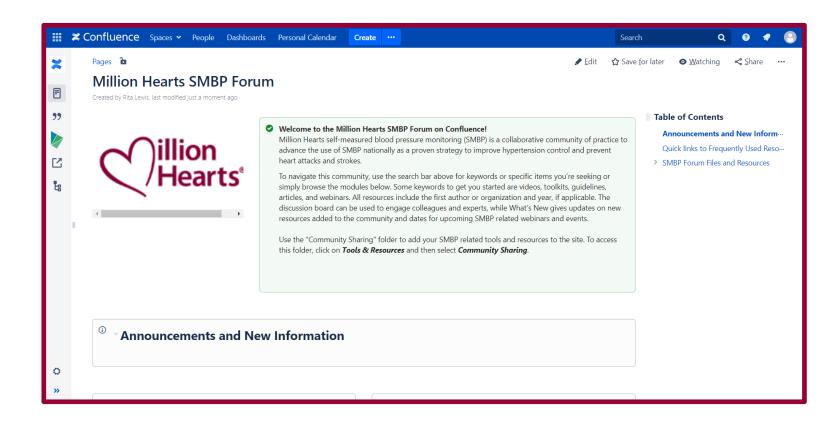
New SMBP Forum Online Portal!

Confluence Features

- No Login required!
 One click access.
- Easy access to folders
- Calendar of events
- Upload resources to share
- More information to come!



Confluence Portal Preview



Web link: https://confluence.nachc.org/display/SMBP/

Meeting Registration Process

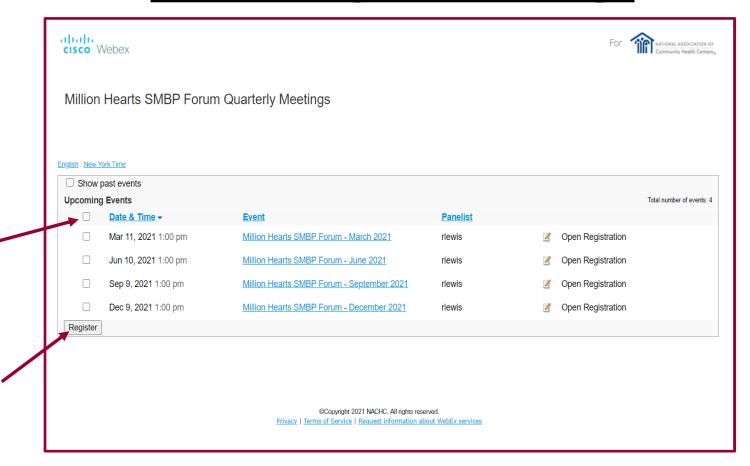
Steps to Access the SMBP Forum Meeting Series

- 1. Go to the SMBP Forum Registration Page: http://bit.ly/SMBP Registration
- 2. Select the meeting(s) you want to attend in 2021 and click 'Register'
- 3. Complete the registration questions
- 4. Look for the calendar invite(s) from WebEx (be sure to check your spam folder!!)

 Note: The meeting password is always 'Smbp2021'



WebEx Registration Page



Million Hearts® SMBP Forum

 Quarterly webinar to facilitate the exchange of SMBP best practices, tools, and resources across clinical, public health, and community-based partners

Registration instructions:

- 1. Go to the SMBP Forum Registration Page: http://bit.ly/SMBP_Registration
- 2. Select the meeting(s) you want to attend in 2021 and click 'Register'
- 3. Complete the registration questions
- 4. Look for the calendar invite(s) from WebEx (be sure to check your spam folder!!)
- Past SMBP Forum recordings/materials can be accessed at https://confluence.nachc.org/display/SMBP/Quarterly+Meeting+Materials
- Questions can be sent to <u>MillionHeartsSMBP@nachc.org</u>



Million Hearts® 2020 Hypertension Control Champions

- SMBP was important in helping the 2020 Hypertension Control Champions control their patients' blood pressure.
 - Hypertension Control Strategies
 - Facebook virtual event



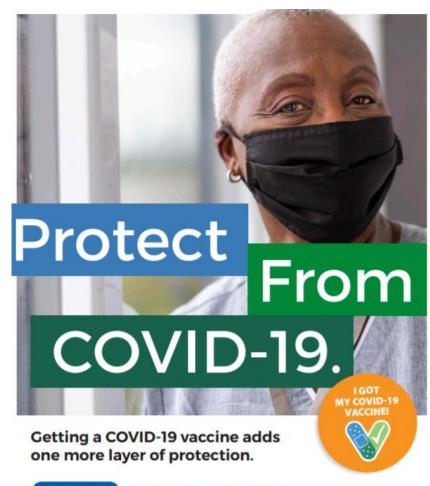


Delaware Primary Care, LLC, of Dover,
Delaware, asked patients to come into the
office frequently for blood pressure
monitoring and check-ups. They also
provided home monitoring equipment for
the patients who needed it most and
enrolled some patients in a chronic care
management program.

COVID-19 Vaccination

- COVID-19 Vaccination
 Communications Toolkit for Healthcare Professionals
- COVID-19 Communication
 Resources for Health Departments
- COVID-19 VaccineFinder
- COVID-19 and Cardiovascular Disease Partner Toolkit







We Want to Hear From You!

Do you have updates to share with the Million Hearts® SMBP Forum?

Please send them directly to MillionHeartsSMBP@nachc.org





Thank You!

The next SMBP Forum will be held September 9, 2021.

Register at http://bit.ly/SMBP_Registration

Please complete the post call survey: https://bit.ly/37TNoCi



Send questions or comments to MillionHeartsSMBP@nachc.org.