

Partnering with Patients to Improve Blood Pressure through Self-Monitoring

June 24, 2020

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Welcome





































American Heart Association.





This webinar will be recorded.

Welcome



Hannah Stanfield

Practice Transformation Coordinator

Washington Association for Community Health

Featured Presenters



Linh Lam Van, CMA (AAMA)

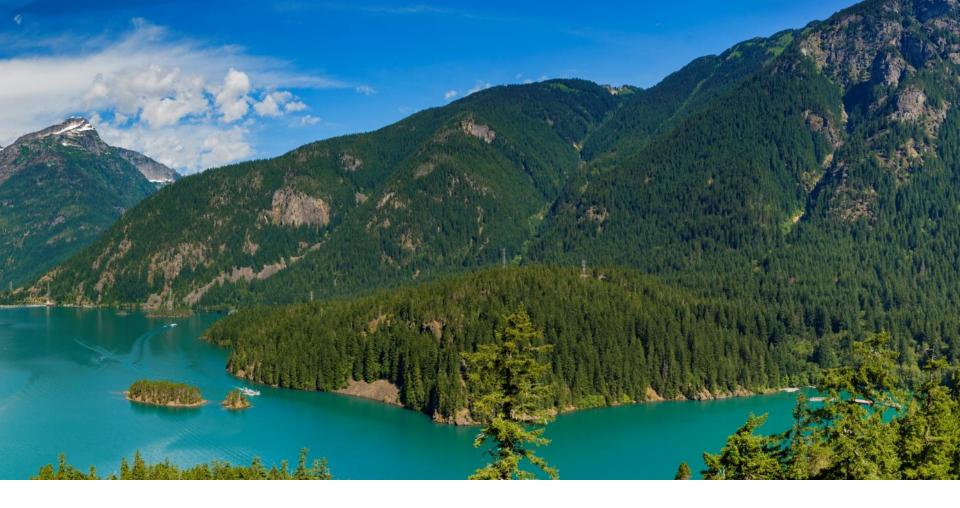
Clinic Support Supervisor
International Community Health Services
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Community Impact Director
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PARTNERING WITH PATIENTS TO IMPROVE BLOOD PRESSURE





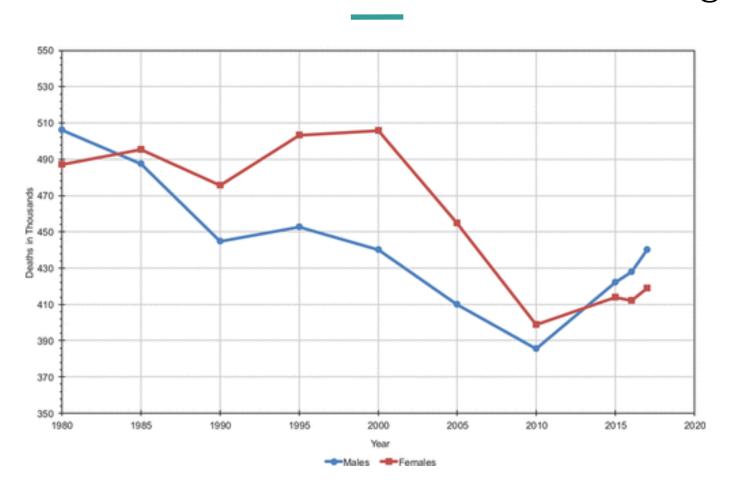


Objectives

By the end of this presentation, you will be able to:

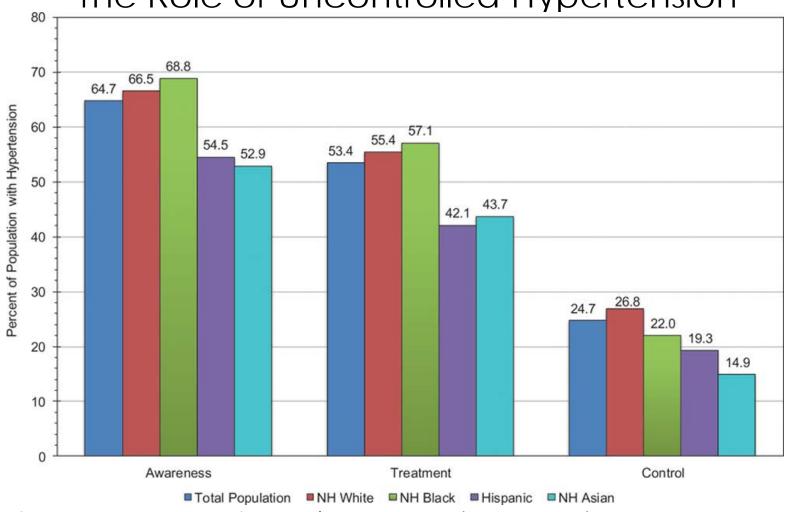
- Describe the benefits of implementing a self-monitoring program
- Discuss examples of self-monitoring support at FQHCs
- Identify the first steps and policies needed to implement a selfmonitoring program at your health center
- Learn about resources to support the use of team-based care to implement, run, and monitor a self-monitoring program

Cardiovascular Death Rates are Rising



Deaths attributable to cardiovascular disease (CVD), United States, 1900 to 2017. Salim S. Virani. Circulation. Heart Disease and Stroke Statistics—2020 Update: A Report From the American Heart Association, Volume: 141, Issue: 9, Pages: e139-e596, DOI: (10.1161/CIR.0000000000000757)





Extent of awareness, treatment, and control of HBP by race/ethnicity, United States (NHANES, 2013–2016). Salim S. Virani. Circulation. Heart Disease and Stroke Statistics—2020 Update: A Report From the American Heart Association, Volume: 141, Issue: 9, Pages: e139-e596, DOI: (10.1161/CIR.00000000000000757)

Why we collaborate on this work

Centers for Disease Control and Prevention, Division of Heart Disease and Stroke Prevention

Mission: To provide public health leadership to improve cardiovascular health for all, reduce the burden, and eliminate disparities associated with heart disease and stroke.

American Heart Association: Oldest and largest voluntary organization in the U.S. dedicated to fighting heart disease and stroke

Mission: To be a relentless force for a world of longer, healthier lives.

Why Blood Pressure Self-Monitoring?

CDC, American Heart Association, AMA, **American Society of Hypertension all** recommend patient self-monitoring of **BP**

- Especially useful for patients with poorly controlled hypertension.
- It can be used to titrate medications. improve control, and screen for whitecoat hypertension.
- Home readings may be an equal or better predictor of cardiovascular risk and of target organ damage than office readings.
- Self-monitoring can enable and motivate patient participation in managing a condition that is often asymptomatic.

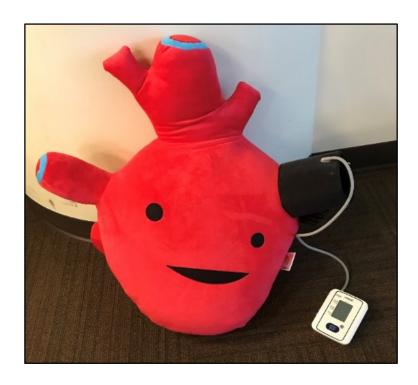


Photo: Heart Health Mascot "Hearty" Source: NYC Department of Health and Mental Hygiene

American Heart Association

Utilizing Target BP Resources to Create a Clinical System Change

Elaine Kitamura, Community Impact Director

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American Heart Association Community Impact Team



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TARGET BP

- What is Target BP?
- Research, Tools and Resources









How Does The Program Work?

1

After the participant registers, local AHA staff will work with the organization to:

2

Customize a Plan using the MAP Framework

3

Measure Improvement & Report Result 4

Strive for Recognition ultimately at 70% or higher



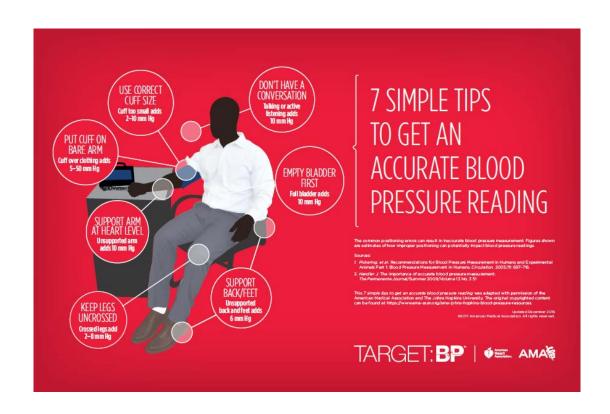
Overview of MAP Framework Training





MEASURE ACCURATELY

- Patient Set-Up
- Measurement Equipment
- Automated Office Blood Pressure Machine (AOBP)



Partnering with Patients and Community

- Supportive Communication with Patients
- Building Trust with Patients
- Promoting Blood Pressure Self-Monitoring
- Building relationships with local community partners.
- Create a patient-centered Self-Measurement Blood Pressure (SMBP)
 BP Cuff Lending Library Program

ICHS

- **FQHC Clinic**
- International District, Holly Park, Bellevue and Shoreline
 - Presence in diverse neighborhoods
- 50 different languages available
- AHA Target BP, Check Change Control Cholesterol and Know your Diabetes by Heart program.









Know **Diabetes** by **Heart**™





Clinical System Change

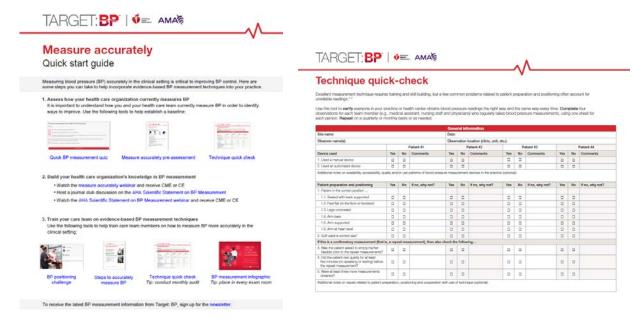
Linh Lam Van

Clinic Support Supervisor at the International District Medical and Dental Clinic



Measuring Blood Pressure Guide

- Assess how your health care organization currently measures BP
- Build your health care organization's knowledge in BP measurement
- Train your care team on evidence-based BP measurement techniques





Managing the TBP BP Cuff Lending Library

The BP cuffs will be prioritized by:

- Hypertension patients diagnosed and do not have access to home BP cuff
- Patients with medication to achieve better BP control
- At least one elevated BP in clinic and no previous hypertension history
- Work with dental clinics in the future
- Workflows established with the cuff library





Workflows with the BP Cuff Library

Day 1: MA educates patient on program, shows video, checks out BP cuff

Day 7: Patient returns for a follow up with RN; if BP is still not at goal at that time, RN will communicate this to the patient's PCP and either the medications will be adjusted and the patient will return in 1 week to see PCP or if patient was suspected to have white coat HTN, then patient will either be scheduled with PCP within one week or if home blood pressures are within normal limits then, patient will be given a diagnosis of white coat HTN.

Blood Pressure	Categories
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6	•
American History	American Stroke
Annual Indian	Annenights

BLOOD PRESSURE CATEGORY	SYSTOLIC mm Hg (upper number)		DIASTOLIC mm Hg (lower number)
NORMAL	LESS THAN 120	and	LESS THAN 80
ELEVATED	120 - 120	end	LESS THAN 80
HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 1	130 - 139	or	80 - 89
HIGH BLOCO PRESSURE (HYPERTENSION) STAGE 2	140 OR HIGHER	or	SO OR HIGHER
HYPERTENSIVE CRISIS (consult your doctor immediately)	HIGHER THAN 180	and/or	MIGHER THAN 120

Clinical System Change Impact



- Four ICHS clinic locations
- Each location has 10 blood pressure cuffs
- Monthly goal for each clinic is at least 30 patients involved
- Pilot = 1 provider, 1 MA, 1 RN
 - February pilot 6 patients
 - May and June 20-25 patients/month
- In the coming months, hope for 30+ patients per clinic



Blood Pressure Cuff Lending Library Outcomes

- ICHS is currently transitioning to a new EHR system
- From 2018 data, 27% of our population was diagnosed with hypertension and 70% had it at control. (ICHS received gold award for 2018 Target BP program)
- Increase the number of well-controlled blood pressure
- Translate patient education videos in spoken language for library













How to Measure Your Blood Pressure: Mandarin



How to Measure Your Blood Pressure: Vietnamese



How to Measure Your Blood Pressure: Cantonese

SMBP Translation Videos

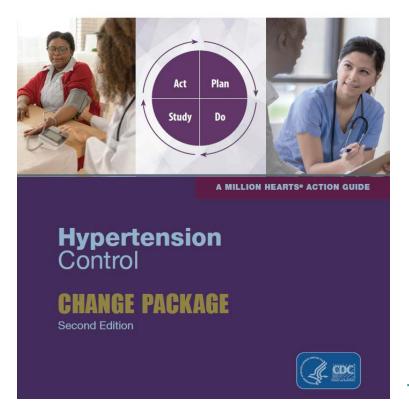
https://www.youtube.com/watch?v=jEKKjpXqFwk &list=PLjPYfk187VSrFo-VM_3gAvK5SShCNaNc2



- How to Check Blood Pressure (Vietnamese) #29
- How to Check Blood Pressure (Cantonese) #30
- How to Check Blood Pressure (Mandarin) #31

BP Self-Monitoring Programs: Resources







https://targetbp.org/

https://millionhearts.hhs.gov/

SMBP Program: Where to Start

Hypertension Control Change Package — Quick Reference Focus Areas



Key Foundations



- Make HTN control a practice priority
 - Identify a practice or health system champion, such as a quality improvement lead
 - Include at least 1 healthcare provider (MD/DO, NP, PA) and health care team at each office.
 - If multiple healthcare providers participate, designate a healthcare provider champion to learn about the program and help colleagues succeed.
- Develop HTN control policies and procedures
- Develop a flowchart/workflow for proactively tracking and managing patients with HTN
- Deploy HTN treatment protocols and algorithms

Equip Care Teams



- Assign care team roles for an SMBP monitoring program and adapt the workflow accordingly
- Make sure patients can access a monitor
 - Reach out to insurers, non-profits
 - Provide patients guidance on selecting a home BP monitor
 - Develop a home BP monitor loaner program
- Train patients on home BP monitor use and proper preparation and positioning
- Develop a process for handling patient-generated BP readings

Population Health Management



- Understand the burden of hypertension in your population
- Understand disparities in hypertension control
- Identify patients appropriate for SMBP
- Use clinician-managed protocols for medication adjustments and lifestyle recommendations
- Use practice data to drive improvement
 - Determine HTN control and related process metrics for the practice
 - Regularly provide a dashboard with BP goals, metrics, and performance

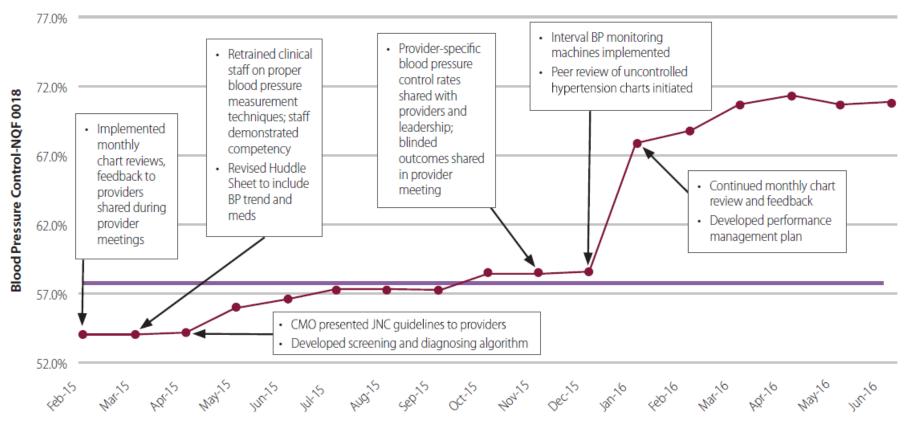
Individual Patient Supports



- Prepare Patients Before the Office Visit via Pre-Visit Patient Outreach
- Optimize Patient Intake to Support HTN Management (e.g., check-in, waiting, rooming)
- Optimize the Patient-Clinician Encounter (e.g., documentation, orders, education/engagement)
- Support Patients in HTN Self-Management During Their Routine Daily Activities (i.e., outside of the clinical encounter)
- Optimize the Encounter Closing (i.e., checkout)
- Follow Up to Monitor and Reinforce HTN Management Plans (i.e., after visits)

Run Chart Example

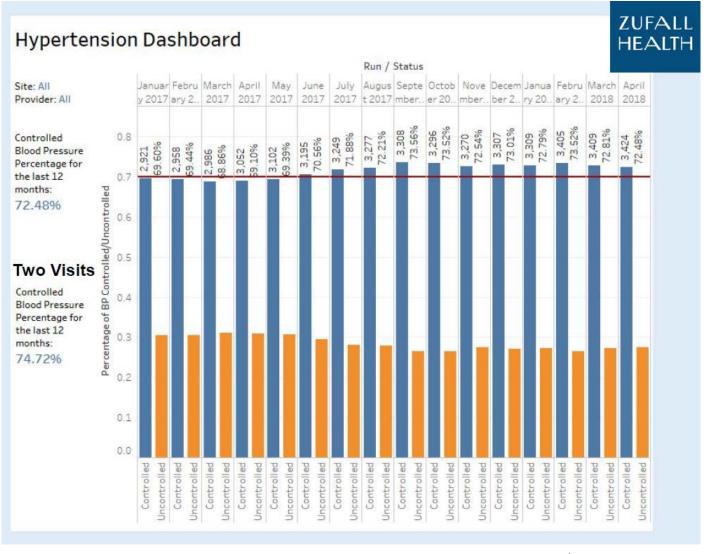
Blood Pressure Control, Grace Community Health Center, February 2015-June 2016



Month of Reporting

Centers for Disease Control and Prevention. Hypertension Control Change Package (2nd ed.). Atlanta, GA: Centers for Disease Control and Prevention, U.S. Department of Health and Human Services; 2020.

Dashboard Example



You are not alone

Department of Health can assist with:

- Planning/staging/spread
- Training
- Quality Improvement
- Identifying measures for tracking success
- **Implementation**
- Connections with partners for coding/billing, tools, other resources, questions, examples



https://waportal.org/partners/home/cardiovascularconnection/aboutus

Our Team, another resource for you



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An Opportunity to Obtain Home BP Monitors

Health Care Authority has a limited number of home monitors for patients:

- Who have Medicaid or are uninsured
- Do not have access to a monitor
- Who will be able to use them for daily monitoring and can share results with their medical home

Participating clinics agree to:

- Provide information about which patients need them, and some basic demographic data about these patients
- Provide information on clinical improvements from use of the monitors If interested, send requests to HCAMPOIBusOps@hca.wa.gov.



To request this document in another format, call 1-800-525-0127. Deaf or hard of hearing customers, please call 711 (Washington Relay) or email civil.rights@doh.wa.gov.

Thank You

Questions?

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