Target: BP –
A national initiative to improve blood pressure control

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Objectives for today

- Describe the impact of uncontrolled blood pressure (BP) from a public health perspective and from a patient's perspective

- Review how the Target: BP initiative can help with your practice's blood pressure improvement efforts

- Review the registration and recognition process for Target: BP

- Keck School of Medicine example
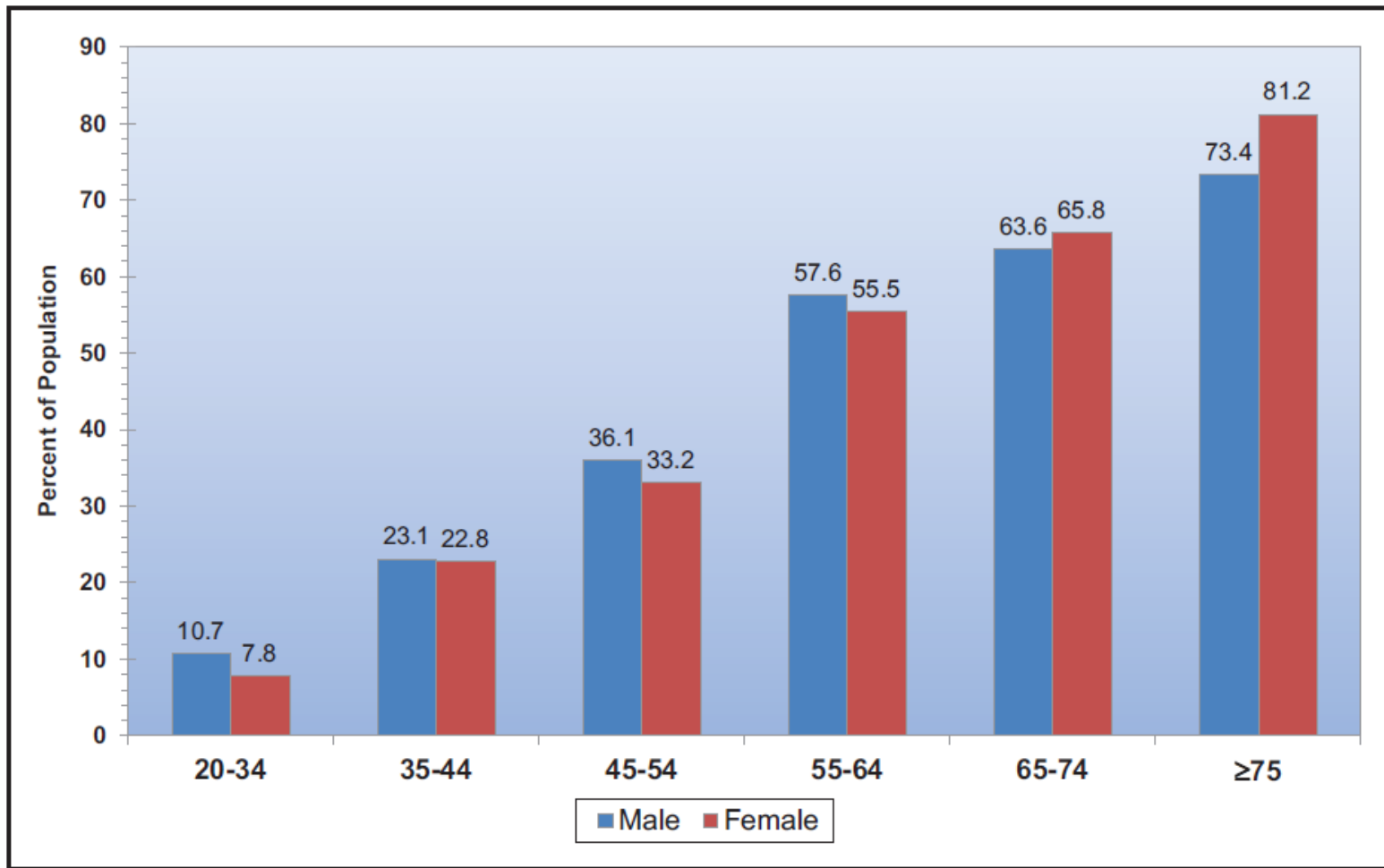
85 million adults have HBP

1 IN 3 AMERICANS IS LIVING WITH HBP TODAY

Blood Pressure Category	Systolic (mmHg)		Diastolic (mmHg)
Normal / Ideal	less than 120	and	less than 80
Prehypertension	120-139	or	80-89
Hypertension stage 1	140-159	or	90-99
Hypertension stage 2	160 or higher	or	100 or higher
Hypertensive crisis	higher than 180	or	higher than 110

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AMA American Medical Association

Prevalence of HBP

Heart Disease and Stroke Statistics—2017 Update: Chapter 9

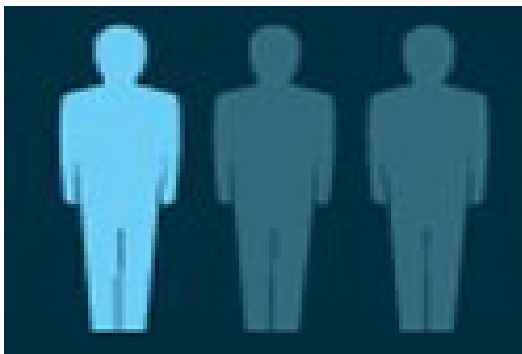TARGET:BP™ | American Heart Association. life is why™ | AMA AMERICAN MEDICAL ASSOCIATION

HBP by race/ethnicity and sex

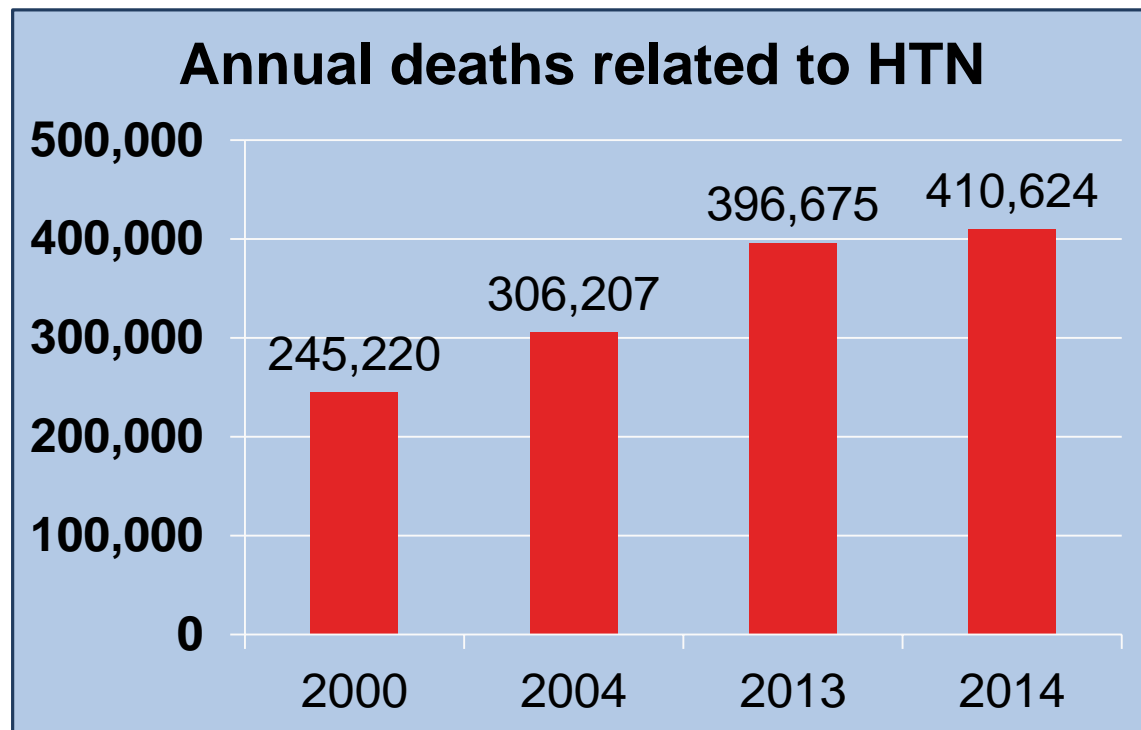Heart Disease and Stroke Statistics—2017 Update: Chapter 9

46% are uncontrolled
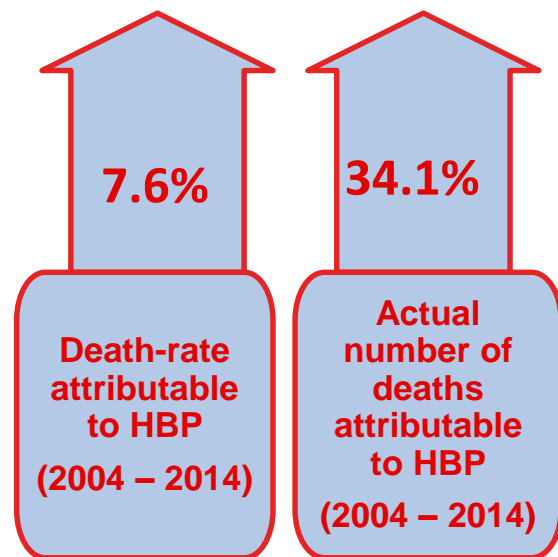
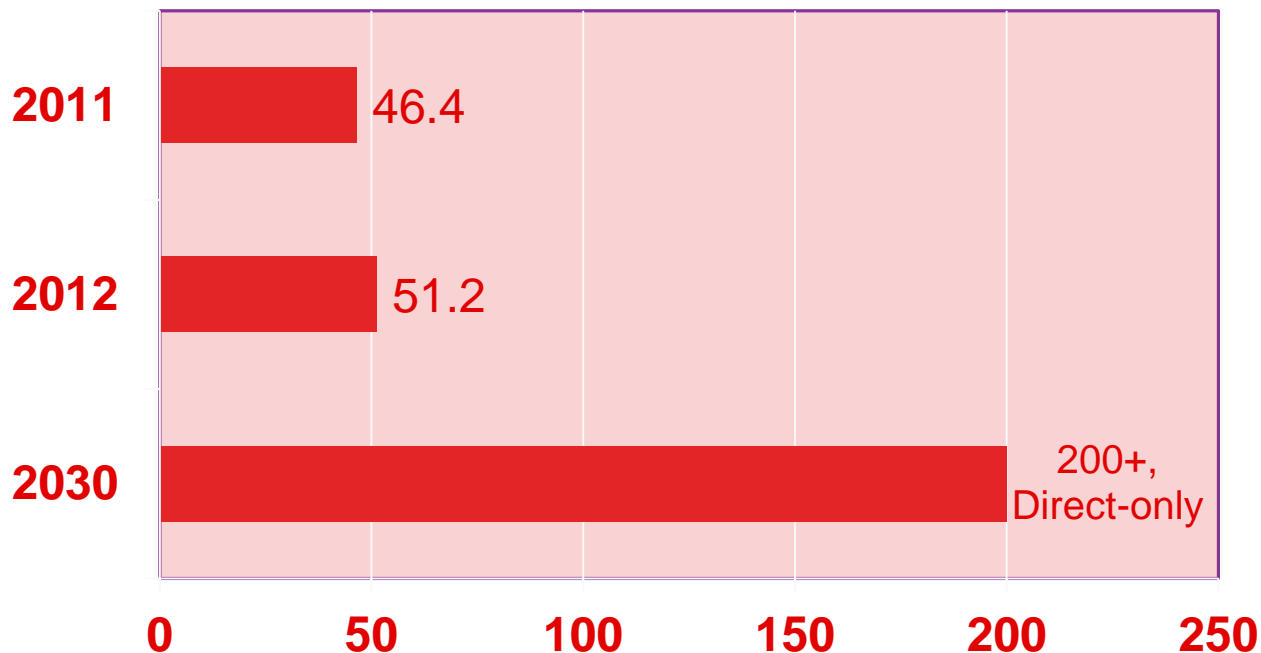Most adults with uncontrolled HTN have health insurance and a usual source of care

2015 – Prevalence rate 33%
2030 – Prevalence rate 41% (projected)

Annual deaths related to HTN

Year	Annual deaths
2000	245,220
2004	306,207
2013	396,675
2014	410,624

Source: CDC, AHA

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Estimated Annual Avg. Direct and Indirect Cost of HBP (In billions)

Bar chart:
- 2011: 46.4
- 2012: 51.2
- 2030: 200+, Direct-only

X-axis: 0, 50, 100, 150, 200, 250

7.6%
Death-rate attributable to HBP (2004 – 2014)

34.1%
Actual number of deaths attributable to HBP (2004 – 2014)

AHA 2017 Statistical Update

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What is Target: BP?

What is Target: BP?

✓ A call to action motivating medical practices, practitioners and health services organizations to prioritize blood pressure control

✓ Recognition for healthcare providers who attain high levels of blood pressure control in their patient populations, particularly those who achieve 70, 80 percent or higher control

✓ A source for tools and assets for healthcare providers to use in practice, including the AHA/ACC/CDC Hypertension Treatment Algorithm and the AMA's M.A.P. Checklist

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http://targetbp.org/

Who is our Target Audience?

- Primary Care System

  - Federally Qualified Health Clinic (FQHC)

  - Federally Designated Rural Health Clinic (RHC)

  - Indian Health Service practice/clinic

  - Practice/Clinic with mission to serve publicly insured, underinsured, or uninsured

  - Private Clinical System (non-FQHC)

- Government Agency or Organization providing care to patients

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Recognition and Registration

Registration

- **Contact information**
  - Name of healthcare organization
  - Address
  - Primary contact name and email
  - Secondary contact name and email
- **Authorizations**
  - Electronic data use
  - End user license agreement
- **Target: BP account**
  - Site ID
  - User ID
- **Email notification and authentication**

Recognition criteria and levels

- **Levels of recognition**
  - 2 levels in 2017
  - The program will be expanded to include additional award levels and more quality measures in subsequent years.

- **Participation**
  - Target: BP registration
  - Submit 2016 data

- **Achievement**
  - Blood pressure control measure based on NQF#0018/PQRS#236
  - **>70%** of adult patients with diagnosis of hypertension whose blood pressure adequately controlled (**<140/90mmHg)** in 2016

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Data submission requirements, 2017

- **Data submission timing**
  - At registration
  - After registration, between March and July 31
  - Participants registered before March 27, 2017 will get an email notification indicating they can now submit recognition data.

- **Recognition data (adult patients):**
  - Patient population by age, ethnicity and gender
  - Total number of patients with diagnosis of hypertension
  - Total number of patients with diagnosis of hypertension whose high blood pressure is controlled

Data validation

- Total number of patients with current diagnosis of hypertension must be valid

- Validation must be completed to be considered for recognition

- Validation based on:
    - business rules, eg, number of patients with controlled hypertension < number of patients with current diagnosis of hypertension
    - Million Hearts® Hypertension Prevalence Estimator Tool

- Hypertension Prevalence Estimator calculates a range for expected number of patients with hypertension

Data validation

- Data input for validation consists of total patient population data by:
  - Age group, required
    - 18-44 years of age
    - 45-64 years of age
    - 65-74 years of age
    - 75-85 years of age
  - Ethnicity
    - Non-Hispanic white
    - Non-Hispanic black
    - Hispanic
    - Other
    - Unknown (must use this category if ethnicity is unknown)
  - Gender
    - Male
    - Female

Data validation steps

1. Enter total number of adult patients with hypertension

2. Enter data in Hypertension Prevalence Estimator

3. Compare results between 1. and 2.

4. If difference is out of tolerance, participant is notified of errors

Validation example, maximum data

1. Total number of patients with hypertension reported = 560

2. Validation

Age group (years)	Ethnicity	Number of patients	
		Male	Female
18-44	Non-Hispanic white	25	30
18-44	Non-Hispanic black	10	15
18-44	Hispanic	15	10
18-44	Other	5	10
18-44	Missing	10	15
45-64	Non-Hispanic white	40	50
45-64	Non-Hispanic black	35	40
45-64	Hispanic	25	20
45-64	Other	10	5
45-64	Missing	20	15
65-74	Non-Hispanic white	45	50
65-74	Non-Hispanic black	30	35
65-74	Hispanic	35	45
65-74	Other	15	10
65-74	Missing	25	15
75-85	Non-Hispanic white	50	45
75-85	Non-Hispanic black	35	40
75-85	Hispanic	40	30
75-85	Other	10	5
75-85	Missing	20	15

Estimator results indicate **558-598** patients have hypertension

3. Compare results between 1 (560) and 2 (558-598)

 – Expect 560 to be within the estimator results range

 – If less than 558, suggests there might be undiagnosed hypertension

# Improving Population Health Through Blood Pressure Control

May 9, 2017

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Primary Care

Looming Physician Shortage Anticipated

A growing and aging U.S. population will face a 124,400-physician shortage by 2025, according to projections by the AAMC. The organization concluded that the shortage can be overcome only by educating more people to become physicians and taking several other important steps.
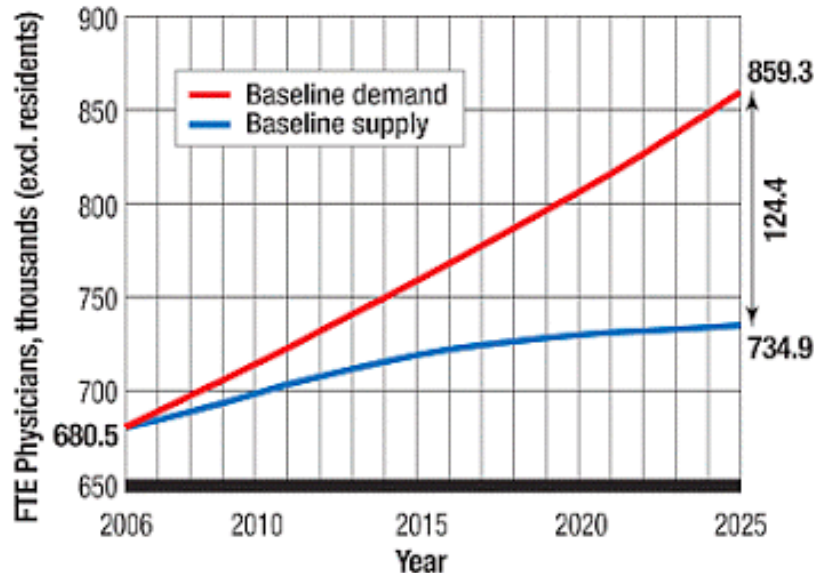
Source: "Complexities of Physician Supply and Demand: Projections Through 2025," Association of American Medical Colleges, November 2008
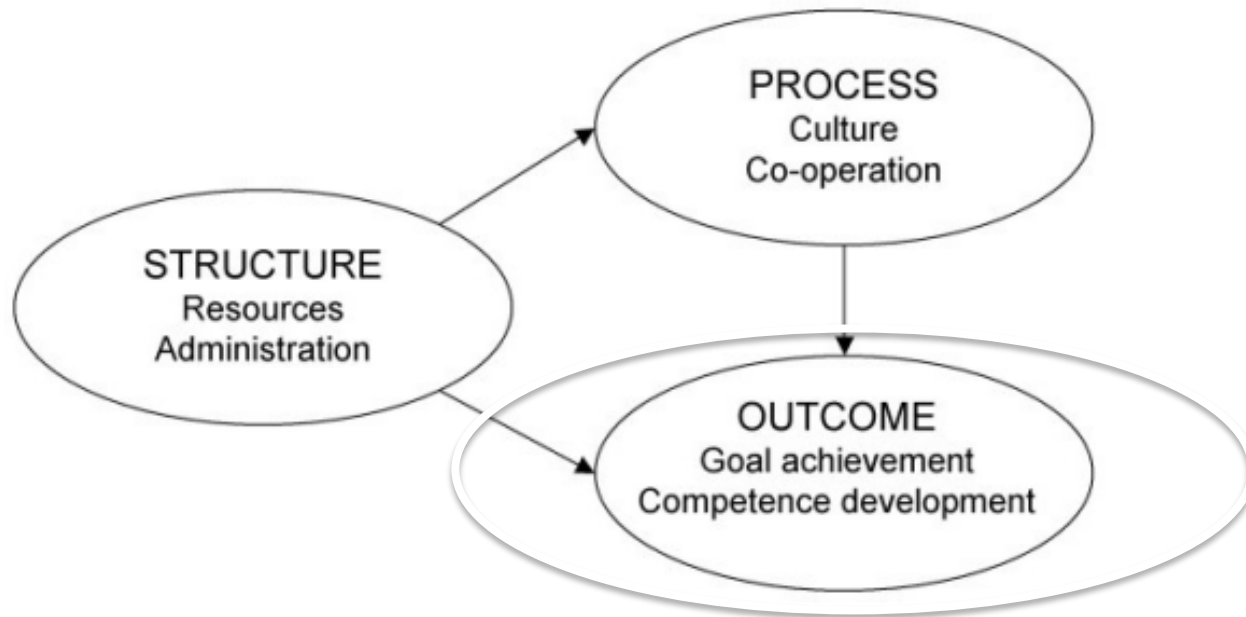
Value Based Payments

MIPS

- **Quality**
- **Resource use**
- **Performance Improvement**
- **Health IT**

Or …

Advanced Alternative Payments

Quality Measures

Keck Performance

Adult Population with Htn: 21,645
Number with Controlled Htn: 10,914
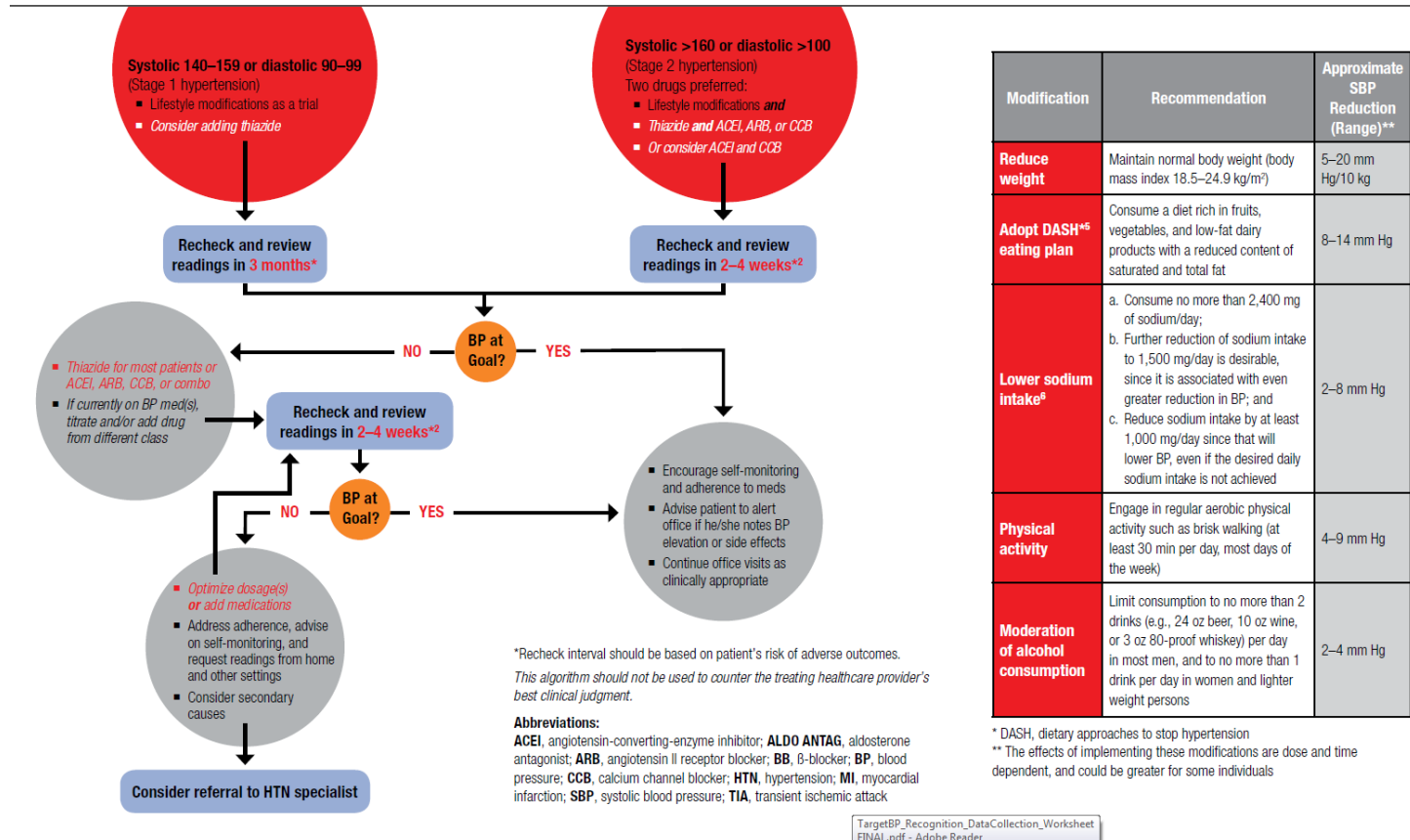
Tools

Team Approach

Team Approach

- **Physical Therapy**
- **Occupation Therapy**
- **Nutrition**
- **Community health workers**
- **Behavioral health**
-

Standardization

Questions?

Register to participate in the Target: BP national initiative at targetbp.org

Thank you!