



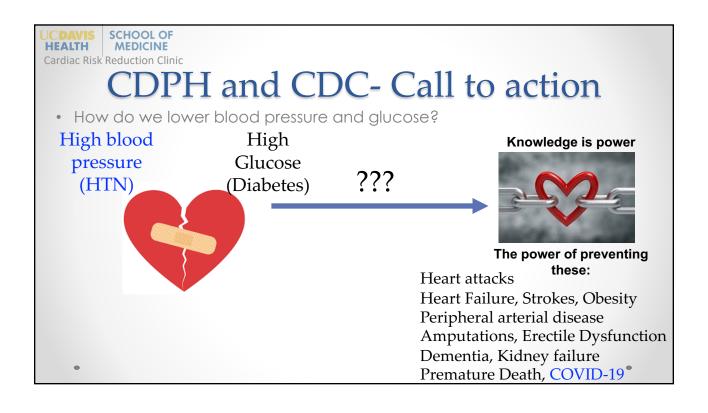
Cardiovascular Wellness Program

Road Map to Health: Lifestyle Modifications for the Reversal of Hypertension and Diabetes

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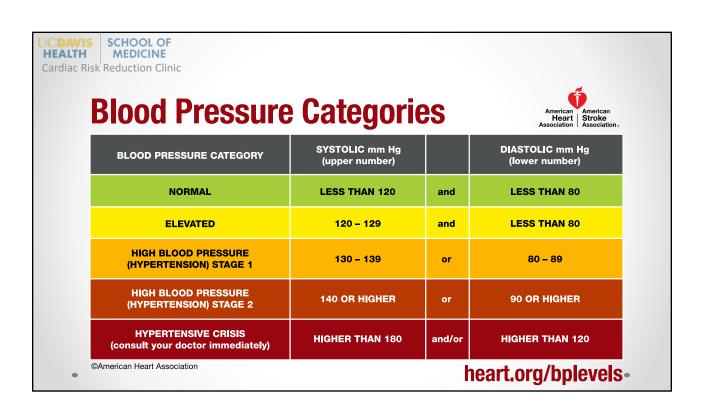


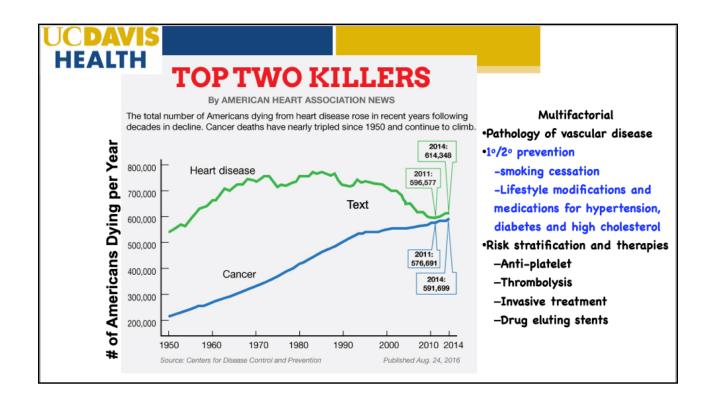
	Table 7 Back Barrer	. N				
UCDAVIS SCHOOL OF MEDICINE	lable 7. Best Prove	n Nonpharmacological II	nterventions for Prevention and Treatment of Hy	Approximate Impact on SBP		
Cardiac Risk Reduction Clinic		Nonpharmacological Intervention	Goal	Hypertension	Normotension	Reference
 No Smoking Physical Activity High quality diet Moderate alcohol consumption Normal weight 	Weight loss	Weight/body fat	Best goal is ideal body weight, but aim for at least a 1-kg reduction in body weight for most adults who are overweight. Expect about 1 mm Hg for every 1-kg reduction in body weight.	-5 mm Hg	-2/3 mm Hg	54.4-2
	Healthy diet	DASH dietary pattern†	Consume a diet rich in fruits, vegetables, whole grains, and low-fat dairy products, with reduced content of saturated and total fat.	-11 mm Hg	-3 mm Hg	S4.4-7, S4.4-8
	Reduced intake of dietary sodium	Dietary sodium	Optimal goal is <1500 mg/d, but aim for at least a 1000-mg/d reduction in most adults.	-5/6 mm Hg	-2/3 mm Hg	S4.4-10, S4.4-12
	Enhanced intake of dietary potassium	Dietary potassium	Aim for 3500–5000 mg/d, preferably by consumption of a diet rich in potassium.	-4/5 mm Hg	-2 mm Hg	S4.4-14
	Physical activity	Aerobic	90–150 min/wk 65%–75% heart rate reserve	-5/8 mm Hg	-2/4 mm Hg	S4.4-19, S4.4-20
		Dynamic resistance	90–150 min/wk 50%–80% 1 rep maximum 6 exercises, 3 sets/exercise, 10 repetitions/set	-4 mm Hg	-2 mm Hg	S4.4-19
		Isometric resistance	4 × 2 min (hand grip), 1 min rest between exercises, 30%–40% maximum voluntary contraction, 3 sessions/wk 8–10 wk	-5 mm Hg	-4 mm Hg	S4.4-21, S4.4-78
	Moderation in alcohol intake	Alcohol consumption	In individuals who drink alcohol, reduce alcohol‡ to: Men: ≤2 drinks daily Women: ≤1 drink daily	-4 mm Hg	-3 mm Hg	S4.4-20, S4.4-24, S4.4-25
•	*Type, dose, and expected impact on BP in adults with a normal BP and with hypertension. 1Detailed information about the DASH diet is available via the NHLBI ^{E4.481} and Dashdiet org. ^{54.482} ‡In the United States, 1 "standard" drink contains roughly 14 g of pure alcohol, which is typically found in 12 oz of regular beer (usually about 5% alcohol), 5 oz of wine (usually about 12% alcohol), and 1.5 oz of distilled spirits (usually about 40% alcohol). ^{54.480} BP indicates blood pressure; DASH, Dietary Approaches to Stop Hypertension; NHLBI, National Heart, Lung, and Blood Institute; and SBP, systolic blood pressure. Reproduced with permission from Whelton et al. ^{54.4} Copyright © 2017, American College of Cardiology Foundation and the American Heart Association, Inc.					

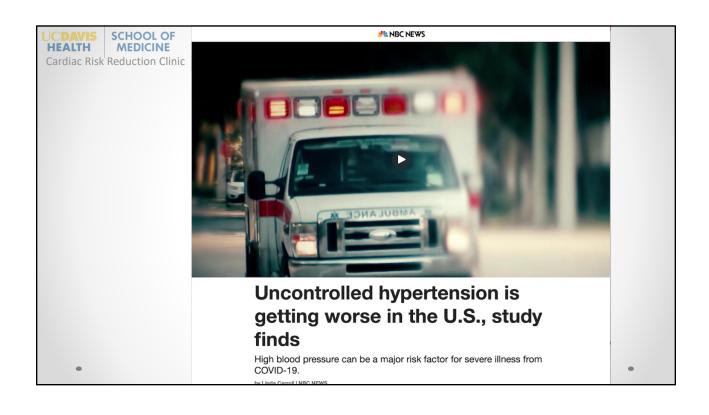


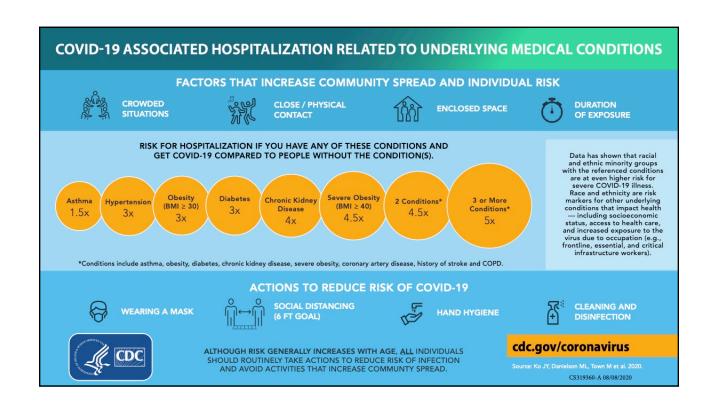
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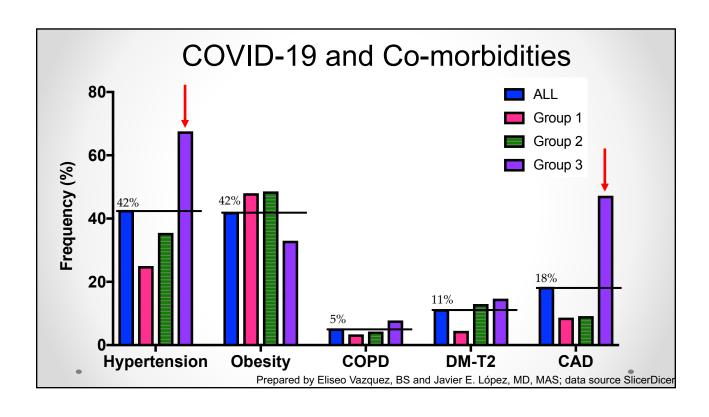
Today's Objectives

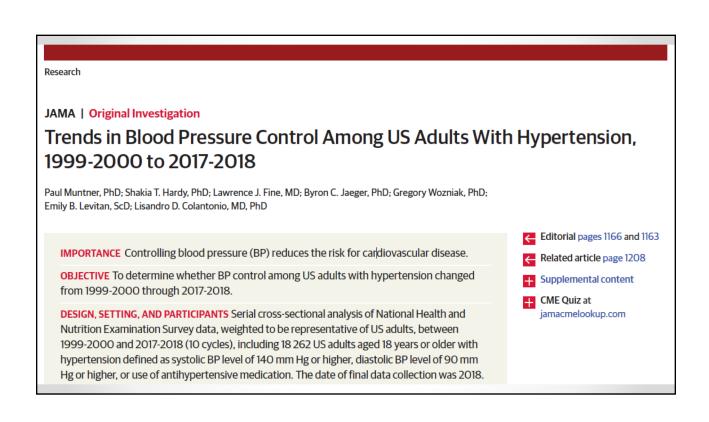
- How are we doing with Hypertension Management?
- How does HTN and COVID-19 are related?











51 761 participants included in this analysis • 18 262 adults with hypertension Figure. Age-Adjusted Estimated Proportion of Adults With Hypertension and Controlled Blood Pressure A Blood pressure control among all adults with hypertension B Blood pressure control among adults taking antihypertensive medication 80 Age-adjusted proportion of blood pressure controla Age-adjusted proportion of blood pressure control^b 60 60 40 1999- 2001- 2003- 2005- 2007- 2009- 2011- 2013- 2015- 2017-2003- 2005- 2007- 2009- 2011- 2013- 2015- 2017-2004 2008 2010 2012 2014 2004 2008 2010 2012 2014 NHANES cycle NHANES cycle

• More likely - 45-64 years vs younger (49.7%vs 36.7%) • Less likely >75 years (37.3%vs 36.7%) • Less likely Black vs. White adults (41.5%vs 48.2%)

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Findings- Controlled BP was...

- More likely among those with private insurance (48.2%), Medicare (53.4%), or government health insurance other than Medicare or Medicaid (43.2%)
- Less likely among those without health insurance (24.2%)
- More likely among those with vs those without usual health care (48.4% vs 26.5%)
- More likely among those who had vs those who had not had a health care visit in the past year (49.1% vs 8.0%)

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