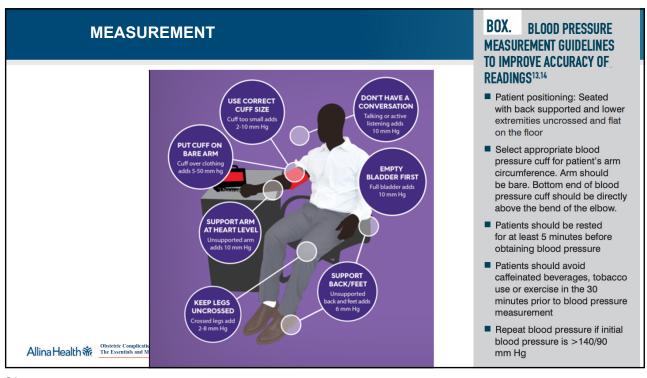
| REGNANCY AND HYP | ERTENSION | |
|---|---|--|
| American College of Obstetricia | ns and Gynecologists definitions for Hypertensive Disorders of Pregnancy | |
| Hypertension in pregnancy | Systolic BP ≥140, or diastolic BP ≥ 90 mm Hg, or both measured on 2 occasions at least 4 hours apart | |
| Severe-range hypertension | Systolic BP ≥160, or diastolic BP ≥110 mm Hg, or both measured on 2 occasions at least 4 hours apart (unless antihypertensive therapy initiated before this time) | |
| Chronic hypertension | Hypertension diagnosed or present before pregnancy, or before 20 weeks of gestation; or hypertension that is diagnosed for the first-time during pregnancy and that does not resolve in the postpartum period | |
| Gestational hypertension | Hypertension diagnosed after 20 weeks of gestation and a previously normal BP | |
| Chronic hypertension with superimposed preeclampsia | Preeclampsia in a woman with a history of hypertension before pregnancy, or before 20 weeks of gestation | |
| Preeclampsia | Hypertension in pregnancy >20 weeks of gestation and previously normal BP or severe range hypertension, in addition to at least 1 of the following: • Proteinuria (≥300 mg/24-hour urine, or PCR ≥0.3, or dipstick 2+ only if other quantitative methods not available) • Renal insufficiency (creatinine > 1.1 mg/dL or doubling of the serum creatinine concentration in the absence of other renal disease) • Thrombocytopenia (<100×10 ⁹ /L) • Impaired liver function (ALT/AST ≥ 2x upper limit of normal) • Pulmonary edema • New-onset headache or visual disturbances (not due to alternative diagnoses) | |
| Preeclampsia with severe features | Severe range hypertension (Systolic BP ≥160, or diastolic BP ≥110 mm Hg, or both) Renal insufficiency (creatinine > 1.1 mg/dL or doubling of the serum creatinine concentration in the absence of other renal disease) Thrombocytopenia (<100× 10°/L) Impaired liver function (ALT/AST ≥ 2× upper limit of normal) Severe persistent right upper quadrant or epigastric pain unresponsive to medications Pulmonary edema New-onset headache or visual disturbances (not due to alternative diagnoses) | |

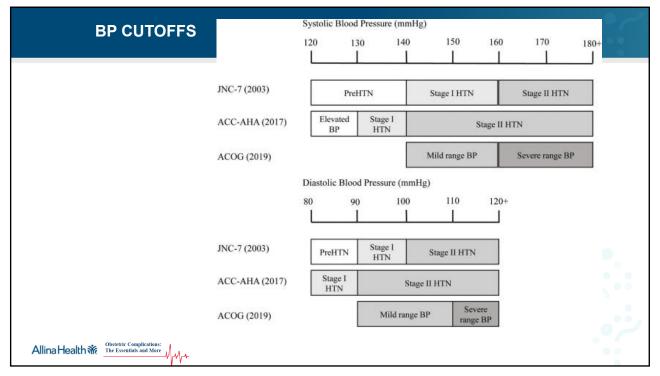
19

CHRONIC HYPERTENSION <20 WEEKS Chronic hypertension: Nonmodifiable risk factors increasing age, TABLE 1. Diagnostic Criteria for Chronic Hypertension in Pregnancy¹¹ Black race (SDOH) Systolic/ Diastolic family history of HTN. blood pressure (mm **ACOG Criteria ACC/AHA Criteria** Hg) Modifiable risk factors obesity (approximately 40% of <120/80 Normal reproductive-aged individuals in the 120-129/<80 Normal Elevated United States) excess alcohol 130-139/80-89 Stage 1 hypertension tobacco consumption ≥140-159/90-109 Mild hypertension physical inactivity Stage 2 hypertension diabetes mellitus ≥160-179/110-119 chronic kidney disease Severe hypertension ≥180/120 Hypertensive crisis diet that is high in sodium and cholesterol Allina Health ** Obstetric Complications: The Essentials and More

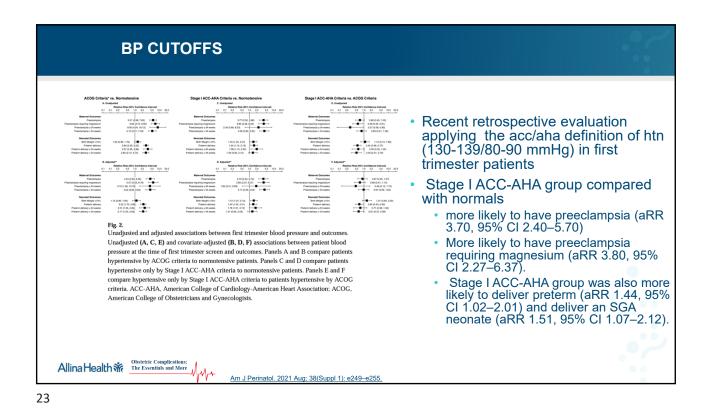
20



21

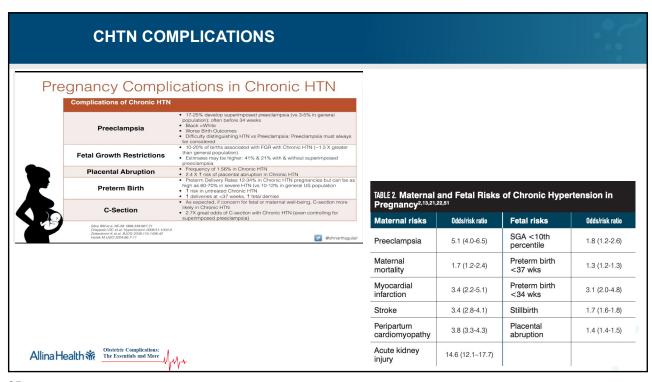


22

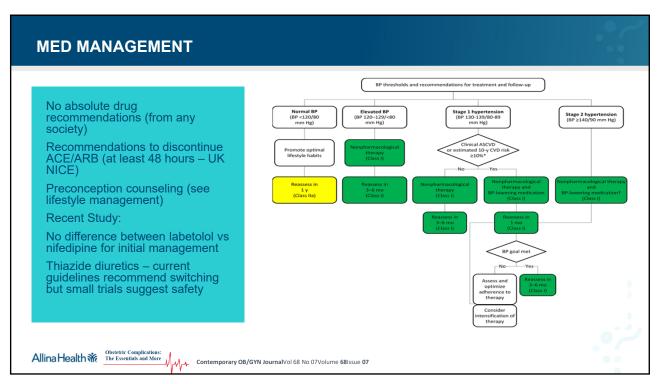


LIFESTYLE MODIFICATION IN CHTN TABLE 3. Impact of Lifestyle Modifications for Prevention and Treatment of Chronic Hypertension Impact on SBP Lifestyle Intervention Normotension Hypertension Weight loss The best goal is ideal body weight, but aim for at least a 1-kg reduction in -5 mm Hg -2/3 mm Hg body weight for most adults who are overweight. Expect approximately 1 mm Hg for every 1-kg reduction in body weight. Consume foods that are rich in fruits, vegetables, whole grains, and low-fat dairy products, with reduced content of saturated and total fat. Healthy diet -11 mm Hg -3 mm Hg Reduced intake The optimal goal is < 1500 mg/d, but aim for at least a 1000-mg/d -5/6 mm Hg -2/3 mm Hg of dietary reduction in most adults. sodium Enhanced Aim for 3500-5000 mg/d, preferably by consumption of foods that are rich -4/5 mm Hg -2 mm Hg intake of dietary potassium Physical activity Aerobic 90-150 min/week -5/8 mm Hg -2/4 mm Hg 65%-75% heart rate reserve 90–150 min/week, 50%–80% 1 rep maximum; 6 exercises, 3 sets/exercise, 10 repetitions/set -4 mm Hg -2 mm Hg resistance Isometric 4×2 min (hand grip), 1 min rest between exercises, resistance 30%-40% maximum voluntary contraction, 3 sessions/ week, 8-10 week In individuals who drink alcohol, reduce alcohol to: Moderation in Alcohol -4 mm Hg -3 mm Ha consumption ■ Men: ≤2 drinks daily ■ Women: ≤1 drink daily Allina Health

24



25



26