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POST PARTUM HYPERTENSION AND READMISSION

- Preeclampsia/hypertension are often associated with readmission
 - Readmission associated with SBP ≥140/90 mm Hg within 24 hours before discharge increased the odds of readmission (adjusted odds ratio, 1.98; 95% confidence interval, 1.37–2.87).
 - 2 or more elevated blood pressure values further increased the odds (adjusted odds ratio, 3.14; 95% confidence interval, 2.33–4.24
 - Majority of women are admitted 5-7 days postpartum

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Obstetric Complications:
The Essentials and More

Bruce et. Al Am J Obstet Gynecol MFM. 2021 May 12;3(5):100397.

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POST PARTUM HTN ORDERS AT ALLINA

- Updated Guideline for Care
 - Care of Patients with Hypertensive Disorders in Pregnancy and Postpartum
- Medication management of HTN may be more aggressive in the postpartum period and the interval between pregnancies as placental perfusion is no longer a consideration
- PP goal to maintain BP < 130/80 mmHg before discharge
 - Based on AHA and NICE recommendations
- Use oral (longer-acting) antihypertensive agents to treat HTN
- Recommend initiating an oral antihypertensive medication for persistent BP > 140/90
 - Lifestyle modification, education, appropriate follow-up care

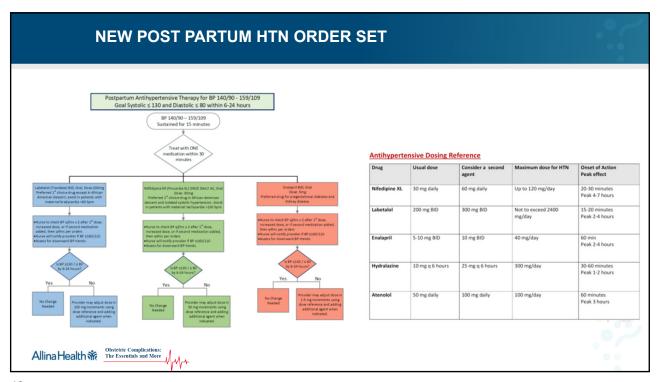


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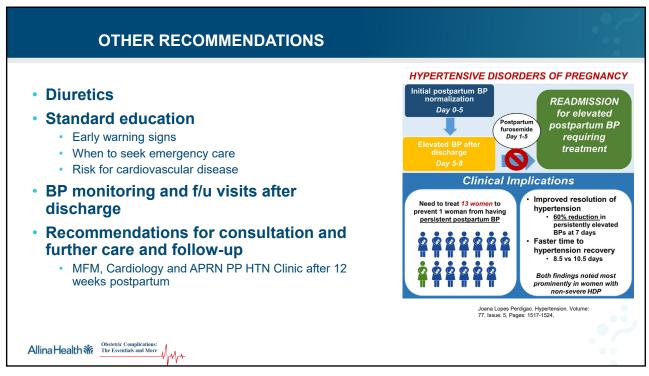
BP MANAGEMENT POST PARTUM Postpartum Blood Pressure Management Location for management Strategy Start antihypertensive of choice, Decrease BP to target in 2-4 hours titrate as needed BP > 140/90 mm Hg Mother Baby unit Mother Baby unit 2 antihypertensive agents, Bring BP below 160/100 in 2-4 hours, then to different classes, titrate up as target BP within 24 hours BP > 180/120 mm Hg with or without organ dysfunction or Start in Mother Baby unit IV short-acting antihypertensive Goal: Decrease BP by 25% in 1 hour Reassess in 1 hour Bring BP below 160/100 in the next 2-4 3 antihypertensive agents of different classes Then to target BP within the next 24 hours BP > 180/120 mm Hg with organ IV short-acting antihypertensive Decrease BP by 25% in 1 hour Bring BP below 160/100 in the next 2-4 Management of organ dysfunction or complications Then to target BP within the next 24 hours Allina Health Obstetric Complications: The Essentials and More

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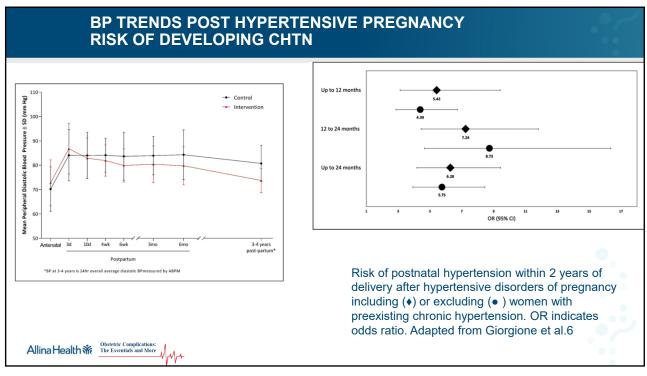


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Prevalence of hypertensive disorder in a future pregnancy	Any hypertension in pregnancy	Pre-eclampsia	Gestational hypertension
Any hypertension	Approximately 21% (1 in 5 women)	Approximately 20% (1 in 5 women)	Approximately 22% (1 in 5 women)
Pre-eclampsia	Approximately 14% (1 in 7 women)	Up to approximately 16% (1 in 6 women) If birth was at 28–34 weeks: approximately 33% (1 in 3 women) If birth was at 34–37 weeks: approximately 23% (1 in 4 women)	Approximately 7% (1 in 14 women)
Gestational hypertension	Approximately 9% (1 in 11 women	Between approximately 6 and 12% (up to 1 in 8 women)	Between approximately 11 and 15% (up to 1 in 7 women)
Chronic hypertension	Not applicable	Approximately 2% (up to 1 in 50 women)	Approximately 3% (up to 1 in 34 women)
	women who gave birth at less than 28 for women who gave birth between 2	weeks, but the committee agreed that	,

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