PROBLEM: Hypertensive Disorders in Pregnancy

Chronic HTN	
<u>Definition</u> : Mild: SBP ≥140-159 mm Hg, DBP ≥ 90-109 mm Hg	Severe: SBP ≥160 mm Hg DBP ≥110 mm Hg
Use of anti-HTN medications before pregnancy	Onset of HTN before the 20 th week of gestation and persists 42 days postpart.
<u>Medications</u>	
☐ ASA 65-85 mg po once a day after 12 - 36 weeks GA	<u>Labs</u> : Baseline – Cr, CBC, LFTs, spot total P/Cr ratio
☐ Stop Anti-hypertensives initially and recheck BP in one wk	
☐ If BP 160 / 105 mm Hg, then start	Second line Tx:
Labetolol 200-2400 mg orally in two or three divided doses	Alpha-methldopa 250-3000 mg orally in two or three divided doses
Nifedipine 30 to 120 mg qd as sustained release tablet	Avoid ACE Inhibitors
Ultrasound 20-22 weeks	Monitoring □ Kick counts
28-32 weeks, then every 4 weeks	☐ At 36 weeks start testing with NST/AF weekly (except below)
20-32 Weeks, then every 4 weeks	☐ If FGR increase NST to twice a week, weekly Dopplers
Prenatal visits: Every 4 weeks until 32 weeks, then every 2 weeks	
<u>Delivery:</u> No meds 39 wks / Controlled on meds 39 wks / Difficul	
Pre-eclampsia	, , , , , , , , , , , , , , , , , , ,
<u>Definition</u> : SBP \geq 140 mm Hg or DBP \geq 90 mmHg, upright followin	g a 10 minute rest (Repeat in 4 hours to confirm dv)
Total P/Cr > 0.3, or >300 mg of protein in a 24 hour urin	
After 20 wks EGA	o speciment, or the arms alponon
Can convert from GHTN without proteinuria if develops	severe features
If Total P/C is 0.15 - 0.29, then obtain 24 urine PROT	
<u>Monitoring</u>	<u>Labs</u> :
☐ Kick counts	☐ Baseline – CBC, Cr, AST/ALT
□ NST 2x/wk and AF q week	☐ PLt ct, Cr, LFTs q wk
U/S every 3-4 weeks	
☐ If FGR, then add Doppler q_wk	
Prenatal visits: weekly and check BP twice a week	
Delivery: 37 weeks	
Pre-eclampsia with severe features	
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