

### A.

Study or Subgroup	Home SBP			Office SBP			Weight	Mean Difference IV, Random, 95% CI [mm Hg]	Year	Mean Difference IV, Random, 95% CI [mm Hg]
	Mean [mm Hg]	SD [mm Hg]	Total	Mean [mm Hg]	SD [mm Hg]	Total				
Lo 2002	111	11	79	113	19	79	12.1%	-2.00 [-6.84, 2.84]	2002	
Tucker 2017	125	13	166	126	16	166	15.9%	-1.00 [-4.14, 2.14]	2017	
Kalafat 2018	134.05	3.23	60	138.8	2.96	60	20.0%	-4.75 [-5.86, -3.64]	2018	
Vestgaard 2019a	107	8	103	118	11	103	17.1%	-11.00 [-13.63, -8.37]	2019	
Vestgaard Chronic Hypertension 2019b	126	11	32	128	14	32	9.6%	-2.00 [-8.17, 4.17]	2019	
Vestgaard Normotensive 2019b	118	10	163	122	13	163	17.4%	-4.00 [-6.52, -1.48]	2019	
Vestgaard WCH 2019b	123	9	27	124	17	27	7.9%	-1.00 [-8.26, 6.26]	2019	
<b>Total (95% CI)</b>			<b>630</b>			<b>630</b>	<b>100.0%</b>	<b>-4.20 [-6.80, -1.60]</b>		

Heterogeneity: Tau<sup>2</sup> = 8.48; Chi<sup>2</sup> = 30.55, df = 6 (P < 0.0001); I<sup>2</sup> = 80%  
 Test for overall effect: Z = 3.17 (P = 0.002)

### B.

Study or Subgroup	Home DBP			Office DBP			Weight	Mean Difference IV, Random, 95% CI [mm Hg]	Year	Mean Difference IV, Random, 95% CI [mm Hg]
	Mean [mm Hg]	SD [mm Hg]	Total	Mean [mm Hg]	SD [mm Hg]	Total				
Lo 2002	65	7	79	71	8	79	14.5%	-6.00 [-8.34, -3.66]	2002	
Tucker 2017	79	9	166	80	10	166	15.1%	-1.00 [-3.05, 1.05]	2017	
Kalafat 2018	86.19	2.35	60	88.5	3.45	60	16.8%	-2.31 [-3.37, -1.25]	2018	
Vestgaard 2019a	66	6	103	75	8	103	15.3%	-9.00 [-10.93, -7.07]	2019	
Vestgaard Chronic Hypertension 2019b	77	7	32	83	8	32	11.6%	-6.00 [-9.68, -2.32]	2019	
Vestgaard Normotensive 2019b	76	7	163	79	8	163	15.9%	-3.00 [-4.63, -1.37]	2019	
Vestgaard WCH 2019b	78	6	27	82	9	27	10.8%	-4.00 [-8.08, 0.08]	2019	
<b>Total (95% CI)</b>			<b>630</b>			<b>630</b>	<b>100.0%</b>	<b>-4.39 [-6.56, -2.22]</b>		

Heterogeneity: Tau<sup>2</sup> = 7.03; Chi<sup>2</sup> = 48.17, df = 6 (P < 0.00001); I<sup>2</sup> = 88%  
 Test for overall effect: Z = 3.97 (P < 0.0001)

Forest plot of comparison: Differences in mean (A) systolic blood pressure (SBP) and (B) diastolic blood pressure (DBP) between home and office blood pressure measurements in pregnancy in studies using validated home blood pressure monitors. Mean difference is calculated by home BP subtract office BP.

### References:

1. Lo C, Taylor RS, Gamble G, McCowan L, North RA. Use of automated home blood pressure monitoring in pregnancy: is it safe? *Am J Obstet Gynecol.* 2002;187(5):1321-8.
2. Tucker KL, Taylor KS, Crawford C, Hodgkinson JA, Bankhead C, Carver T, et al. Blood pressure self-monitoring in pregnancy: examining feasibility in a prospective cohort study. *BMC Pregnancy & Childbirth.* 2017;17(1):442.
3. Kalafat E, Mir I, Perry H, Thilaganathan B, Khalil A. Is Home Blood Pressure Monitoring in Hypertensive Disorders of Pregnancy Consistent with Clinic Recordings? *Ultrasound Obstet Gynecol.* 2018.
4. Vestgaard M, Carstens Soholm J, Kjaerhus Norgaard S, Asbjornsdottir B, Ringholm L, Damm P, et al. Home blood pressure in pregnancy-the upper reference limit. *Blood Press Monit.* 2019a;24(4):191-8.
5. Vestgaard M, Asbjornsdottir B, Ringholm L, Andersen LLT, Jensen DM, Damm P, et al. White coat hypertension in early pregnancy in women with pre-existing diabetes: prevalence and pregnancy outcomes. *Diabetologia.* 2019b;62(12):2188-99.