

## ONLINE SUPPLEMENTARY MATERIAL

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Figure 1. Hazard ratios for hypertension by hypertensive disorder of pregnancy (if any) in the most recent pregnancy and time since most recent pregnancy, among women with at least one live birth or stillbirth in Denmark, 1978-2012. Hypertensive disorders of pregnancy are classified by timing of delivery, such that hazard ratios compare rates of hypertension among women with hypertensive disorders of pregnancy and delivery <34 gestational weeks (orange), hypertensive disorders of

pregnancy and delivery at 34-36 weeks (green), and hypertensive disorders of pregnancy and delivery  $\geq 37$  gestational weeks (black) in the latest pregnancy, with rates of hypertension in women whose most recent pregnancy was normotensive. Follow-up began in 1995 or 3 months postpartum, whichever came later. Hazard ratios are adjusted for maternal age, maternal birth year and parity.

**Table 1. 10-year cumulative incidences of hypertension after a 1) first delivery and 2) second delivery, by age at delivery, in women with and without a history of hypertensive disorders of pregnancy, Denmark, 1995-2012.**

Cumulative incidence from:	History of HDP*	Age at delivery (years)	10-year cumulative incidence of hypertension (95% confidence interval)	
			Follow-up began 3 months after delivery	Follow-up began 12 months after delivery†
First delivery	Yes	20-29	13.7 (13.0, 14.4)	12.5 (11.8, 13.2)
		30-39	20.3 (19.1, 21.4)	18.3 (17.1, 19.4)
		40-49	32.4 (26.4, 38.6)	29.6 (23.5, 36.0)
	No	20-29	4.0 (3.9, 4.0)	3.8 (3.7, 3.9)
		30-39	5.7 (5.5, 5.8)	5.5 (5.4, 5.7)
		40-49	11.3 (10.2, 12.4)	11.0 (9.9, 12.1)
Second delivery	Yes	20-29	16.3 (15.4, 17.1)	15.7 (14.8, 16.5)
		30-39	21.7 (20.8, 22.6)	20.4 (19.5, 21.3)
		40-49	38.0 (32.2, 43.8)	35.9 (29.9, 41.9)
	No	20-29	5.3 (5.1, 5.4)	5.2 (5.0, 5.3)
		30-39	6.7 (6.6, 6.9)	6.6 (6.5, 6.9)
		40-49	11.4 (10.4, 12.4)	11.4 (10.4, 12.4)

HDP, hypertensive disorders of pregnancy.

\* Hypertensive disorder of pregnancy in a woman's first pregnancy, for cumulative incidences calculated from the first delivery, and in either the first or second pregnancy, for cumulative incidences calculated from the second delivery.

† Women who developed hypertension in 3-12 months post-partum were excluded from these analyses.

**Table 2. Hazard ratios\* for hypertension by time since most recent pregnancy and hypertensive disorder of pregnancy severity, among women with at least one live birth or stillbirth in Denmark, 1978-2012.**

Years since most recent pregnancy	Hypertensive disorder of pregnancy status in the most recent pregnancy										
	Normotensive pregnancy (reference group)		Severe preeclampsia			Moderate preeclampsia			Gestational hypertension		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
<1	768	2326	5.2	327	24.5 (21.8, 27.6)	14.5	442	11.6 (10.4, 12.8)	6.2	426	23.7 (21.4, 26.4)
1	962	3278	6.3	115	6.45 (5.35, 7.78)	18.0	280	5.25 (4.64, 5.94)	7.2	220	9.65 (8.41, 11.1)
2	806	3880	5.0	92	4.61 (3.75, 5.68)	14.3	262	4.35 (3.83, 4.93)	5.4	178	7.16 (6.15, 8.32)
3	680	4219	3.8	89	4.22 (3.42, 5.21)	11.4	230	3.61 (3.16, 4.12)	4.2	163	6.25 (5.34, 7.31)
4	603	4406	3.2	82	3.81 (3.06, 4.75)	9.7	249	3.75 (3.30, 4.27)	3.5	158	6.17 (5.26, 7.24)
5	554	4782	2.8	72	3.20 (2.53, 4.04)	8.7	269	3.75 (3.32, 4.25)	3.0	130	4.93 (4.14, 5.87)
6	520	4886	2.5	66	2.93 (2.29, 3.74)	8.1	253	3.44 (3.03, 3.91)	2.7	136	5.18 (4.37, 6.15)
7	494	5172	2.3	74	3.17 (2.52, 3.99)	7.7	263	3.32 (2.93, 3.76)	2.5	136	5.00 (4.21, 5.94)
8	471	5294	2.1	70	2.98 (2.35, 3.78)	7.3	258	3.20 (2.82, 3.63)	2.3	112	4.12 (3.41, 4.97)
9	453	5457	2.0	69	2.90 (2.29, 3.69)	7.0	274	3.32 (2.94, 3.76)	2.2	109	4.12 (3.40, 4.98)
10-14	2050	32 409	8.3	349	2.73 (2.46, 3.04)	32.3	1329	2.67 (2.52, 2.82)	9.9	562	3.48 (3.20, 3.78)
15-19	1701	37 683	5.3	256	2.24 (1.98, 2.53)	27.7	1346	2.26 (2.14, 2.39)	9.0	545	2.71 (2.49, 2.95)
≥20	1788	57 119	4.0	214	1.71 (1.49, 1.95)	26.9	1673	1.95 (1.86, 2.05)	8.7	634	2.26 (2.09, 2.44)

CI, confidence interval.

\* Follow-up began in 1995 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.

**Table 3. Hazard ratios\* for hypertension by time since most recent pregnancy and hypertensive disorder of pregnancy severity, among women with at least one live birth or stillbirth in Denmark, 1978-2012, with and without additional adjustment for diabetes.**

Years since most recent pregnancy	Hypertensive disorder of pregnancy status in the most recent pregnancy													
	Normotensive pregnancy (reference group)		Severe preeclampsia				Moderate preeclampsia				Gestational hypertension			
	Person -years x 10 <sup>3</sup>	No. events	Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	
					Not adjusted for diabetes	Additionally adjusted for diabetes			Not adjusted for diabetes	Additionally adjusted for diabetes			Not adjusted for diabetes	Additionally adjusted for diabetes
<1	768	2326	5.2	327	24.5 (21.8, 27.6)	23.3 (20.7, 26.3)	14.5	442	11.6 (10.4, 12.8)	11.1 (10.0, 12.3)	6.2	426	23.7 (21.4, 26.4)	23.5 (21.2, 26.2)
1	962	3278	6.3	115	6.45 (5.35, 7.78)	5.95 (4.92, 7.19)	18.0	280	5.25 (4.64, 5.94)	4.99 (4.40, 5.65)	7.2	220	9.65 (8.41, 11.1)	9.34 (8.13, 10.7)
2	806	3880	5.0	92	4.61 (3.75, 5.68)	4.41 (3.58, 5.44)	14.3	262	4.35 (3.83, 4.93)	4.20 (3.70, 4.77)	5.4	178	7.16 (6.15, 8.32)	6.99 (6.00, 8.14)
3	680	4219	3.8	89	4.22 (3.42, 5.21)	4.07 (3.29, 5.03)	11.4	230	3.61 (3.16, 4.12)	3.49 (3.05, 3.99)	4.2	163	6.25 (5.34, 7.31)	6.05 (5.16, 7.09)
4	603	4406	3.2	82	3.81 (3.06, 4.75)	3.75 (3.01, 4.68)	9.7	249	3.75 (3.30, 4.27)	3.66 (3.22, 4.17)	3.5	158	6.17 (5.26, 7.24)	6.03 (5.14, 7.09)
5	554	4782	2.8	72	3.20 (2.53, 4.04)	3.11 (2.46, 3.93)	8.7	269	3.75 (3.32, 4.25)	3.63 (3.21, 4.12)	3.0	130	4.93 (4.14, 5.87)	4.87 (4.08, 5.80)
6	520	4886	2.5	66	2.93 (2.29, 3.74)	2.86 (2.24, 3.66)	8.1	253	3.44 (3.03, 3.91)	3.30 (2.91, 3.76)	2.7	136	5.18 (4.37, 6.15)	5.03 (4.23, 5.99)
7	494	5172	2.3	74	3.17 (2.52, 3.99)	3.06 (2.43, 3.87)	7.7	263	3.32 (2.93, 3.76)	3.20 (2.82, 3.63)	2.5	136	5.00 (4.21, 5.94)	4.85 (4.08, 5.77)
8	471	5294	2.1	70	2.98 (2.35, 3.78)	2.82 (2.22, 3.58)	7.3	258	3.20 (2.82, 3.63)	3.11 (2.74, 3.53)	2.3	112	4.12 (3.41, 4.97)	4.04 (3.34, 4.89)
9	453	5457	2.0	69	2.90 (2.29, 3.69)	2.74 (2.16, 3.49)	7.0	274	3.32 (2.94, 3.76)	3.24 (2.87, 3.66)	2.2	109	4.12 (3.40, 4.98)	4.10 (3.38, 4.96)
10-14	2050	32 409	8.3	349	2.73 (2.46, 3.04)	2.60 (2.34, 2.89)	32.3	1329	2.67 (2.52, 2.82)	2.57 (2.44, 2.72)	9.9	562	3.48 (3.20, 3.78)	3.43 (3.16, 3.73)
15-19	1701	37 683	5.3	256	2.24 (1.98, 2.53)	2.13 (1.88, 2.40)	27.7	1346	2.26 (2.14, 2.39)	2.17 (2.06, 2.29)	9.0	545	2.71 (2.49, 2.95)	2.63 (2.42, 2.86)
≥20	1788	57 119	4.0	214	1.71 (1.49, 1.95)	1.65 (1.45, 1.89)	26.9	1673	1.95 (1.86, 2.05)	1.88 (1.79, 1.98)	8.7	634	2.26 (2.09, 2.44)	2.21 (2.04, 2.39)

CI, confidence interval.

\* Follow-up began in 1995 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.

**Table 4. Hazard ratios\* for hypertension by time since most recent pregnancy and hypertensive disorder of pregnancy severity, among women with at least one live birth or stillbirth in Denmark 1991-2012, with and without additional adjustment for smoking.**

Years since most recent pregnancy	Hypertensive disorder of pregnancy status in the most recent pregnancy													
	Normotensive pregnancy (reference group)		Severe preeclampsia				Moderate preeclampsia				Gestational hypertension			
	Person -years x 10 <sup>3</sup>	No. events	Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	
					Not adjusted for smoking	Additionally adjusted for smoking			Not adjusted for smoking	Additionally adjusted for smoking			Not adjusted for smoking	Additionally adjusted for smoking
<1	744	2187	5.1	303	23.1 (20.4, 26.1)	23.7 (21.0, 26.8)	14.5	415	10.9 (9.82, 12.1)	11.0 (9.87, 12.2)	6.1	408	23.3 (20.9, 25.9)	23.6 (21.2, 26.3)
1	940	3175	6.2	110	6.19 (5.12, 7.50)	6.29 (5.20, 7.62)	18.2	278	5.13 (4.54, 5.81)	5.16 (4.56, 5.84)	7.2	213	9.32 (8.11, 10.7)	9.45 (8.22, 10.9)
2	787	3760	4.9	92	4.58 (3.72, 5.63)	4.65 (3.77, 5.72)	14.4	266	4.31 (3.81, 4.89)	4.35 (3.84, 4.93)	5.5	180	7.16 (6.16, 8.32)	7.23 (6.22, 8.41)
3	662	4087	3.8	83	3.93 (3.16, 4.89)	4.03 (3.24, 5.01)	11.5	220	3.40 (2.97, 3.90)	3.44 (3.00, 3.94)	4.2	164	6.29 (5.38, 7.36)	6.29 (5.37, 7.37)
4	570	4113	3.1	79	3.84 (3.07, 4.80)	3.94 (3.15, 4.93)	9.6	244	3.75 (3.29, 4.27)	3.79 (3.33, 4.32)	3.4	147	5.94 (5.03, 7.00)	6.02 (5.10, 7.11)
5	496	4247	2.6	65	3.13 (2.45, 4.00)	3.21 (2.51, 4.11)	8.2	256	3.83 (3.37, 4.34)	3.86 (3.40, 4.38)	2.8	121	5.03 (4.19, 6.03)	5.10 (4.25, 6.11)
6	440	4148	2.2	55	2.70 (2.07, 3.53)	2.77 (2.12, 3.62)	7.1	221	3.39 (2.96, 3.88)	3.43 (3.00, 3.93)	2.4	113	5.02 (4.16, 6.05)	5.07 (4.20, 6.12)
7	394	4143	2.0	54	2.68 (2.05, 3.51)	2.73 (2.08, 3.57)	6.3	204	3.13 (2.72, 3.61)	3.14 (2.73, 3.62)	2.0	109	5.06 (4.18, 6.12)	5.13 (4.24, 6.22)
8	353	4025	1.8	61	3.10 (2.41, 4.00)	3.17 (2.46, 4.09)	5.5	213	3.40 (2.96, 3.90)	3.44 (3.00, 3.96)	1.7	76	3.79 (3.02, 4.76)	3.80 (3.02, 4.77)
9	318	3902	5.2	50	2.72 (2.06, 3.60)	2.76 (2.09, 3.65)	4.9	189	3.19 (2.76, 3.70)	3.21 (2.77, 3.71)	1.5	75	4.07 (3.24, 5.12)	4.14 (3.29, 5.22)
10-14	1129	18 433	5.2	209	2.58 (2.25, 2.96)	2.65 (2.31, 3.03)	16.8	705	2.63 (2.44, 2.83)	2.66 (2.47, 2.87)	4.7	291	3.81 (3.40, 4.28)	3.90 (3.48, 4.38)
15-19	460	10 241	1.7	83	2.25 (1.81, 2.80)	2.33 (1.88, 2.89)	6.2	284	2.15 (1.91, 2.42)	2.19 (1.94, 2.46)	1.6	92	2.51 (2.04, 3.08)	2.58 (2.10, 3.17)
≥20	33.1	778	0.12	7	2.45 (1.16, 5.18)	2.46 (1.16, 5.22)	0.40	11	1.19 (0.65, 2.16)	1.22 (0.67, 2.21)	0.12	11	3.79 (2.08, 6.89)	3.95 (2.17, 7.21)

CI, confidence interval.

\* Follow-up began in 1995 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.

**Table 5. Hazard ratios\* for hypertension by time since most recent pregnancy and hypertensive disorder of pregnancy severity, among women with at least one live birth or stillbirth in Denmark 2004-2012, with and without additional adjustment for body mass index.**

Years since most recent pregnancy	Hypertensive disorder of pregnancy status in the most recent pregnancy													
	Normotensive pregnancy (reference group)		Severe preeclampsia				Moderate preeclampsia				Gestational hypertension			
	Person -years x 10 <sup>3</sup>	No. events	Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)		Person -years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	
					Not adjusted for body mass index	Additionally adjusted for body mass index			Not adjusted for body mass index	Additionally adjusted for body mass index			Not adjusted for body mass index	Additionally adjusted for body mass index
<1	326	887	2.5	126	21.7 (18.0, 26.3)	19.7 (16.2, 24.0)	6.4	157	10.4 (8.79, 12.4)	8.32 (6.98, 9.93)	3.4	190	21.7 (18.5, 25.5)	16.9 (14.3, 20.0)
1	360	1225	2.6	34	4.56 (3.24, 6.43)	4.20 (2.97, 5.93)	6.7	99	5.00 (4.06, 6.14)	4.13 (3.35, 5.10)	3.4	94	8.74 (7.08, 10.8)	7.07 (5.69, 8.78)
2	258	1180	1.8	37	5.45 (3.92, 7.58)	4.94 (3.54, 6.89)	4.4	78	4.41 (3.50, 5.56)	3.56 (2.82, 4.50)	2.2	70	7.43 (5.83, 9.48)	5.91 (4.61, 7.57)
3	182	1128	1.1	25	4.24 (2.85, 6.32)	3.97 (2.65, 5.94)	2.8	64	3.98 (3.09, 5.13)	3.21 (2.48, 4.17)	1.4	48	5.67 (4.24, 7.59)	4.08 (3.01, 5.53)
4	131	908	0.74	19	3.99 (2.52, 6.30)	3.37 (2.12, 5.35)	1.9	49	3.84 (2.87, 5.13)	3.02 (2.25, 4.07)	0.94	38	5.71 (4.12, 7.92)	4.31 (3.07, 6.03)
5	93.6	778	0.48	9	2.45 (1.27, 4.73)	2.06 (1.06, 4.01)	1.3	41	3.79 (2.76, 5.20)	3.02 (2.18, 4.18)	0.59	19	3.99 (2.53, 6.30)	3.14 (1.96, 5.01)
6	62.9	592	0.29	4	1.57 (0.59, 4.22)	1.46 (0.54, 3.96)	0.90	14	1.70 (0.99, 2.89)	1.34 (0.78, 2.30)	0.36	17	5.02 (3.09, 8.15)	3.94 (2.38, 6.51)
7	36.1	339	0.18	2	1.31 (0.33, 5.29)	1.15 (0.28, 4.76)	0.52	20	3.86 (2.44, 6.09)	2.92 (1.81, 4.71)	0.21	10	4.73 (2.49, 8.98)	3.44 (1.73, 6.83)
8	11.6	125	0.06	0	-	-	0.16	4	2.00 (0.73, 5.49)	1.45 (0.50, 4.22)	0.07	1	-	-

CI, confidence interval.

\* Follow-up began in 2004 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.

**Table 6. Hazard ratios\* for hypertension by time since most recent pregnancy and timing of delivery in pregnancies complicated by hypertensive disorders of pregnancy, among women with at least one live birth or stillbirth in Denmark, 1978-2012.**

Years since most recent pregnancy	Normotensive pregnancy (reference group)		Timing of delivery in hypertensive disorders of pregnancy (most recent pregnancy)								
			Early (delivery <34 weeks)			Intermediate (34-36 weeks)			Late (≥ 37 weeks)		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
<1	769	2326	1.6	156	36.8 (31.2, 43.4)	2.8	193	25.2 (21.7, 29.2)	21.4	843	14.7 (13.6, 15.9)
1	962	3278	1.9	60	10.6 (8.20, 13.7)	3.5	81	7.94 (6.36, 9.91)	26.0	472	6.08 (5.51, 6.70)
2	806	3880	1.6	35	5.23 (3.75, 7.31)	2.9	66	5.55 (4.35, 7.08)	20.1	431	5.01 (4.53, 5.54)
3	680	4219	1.4	48	6.33 (4.75, 8.42)	2.3	59	4.53 (3.50, 5.87)	15.6	375	4.18 (3.76, 4.65)
4	603	4406	1.1	45	5.94 (4.42, 7.97)	2.0	57	4.18 (3.22, 5.43)	13.2	384	4.19 (3.77, 4.66)
5	554	4782	0.97	34	4.28 (3.05, 6.01)	1.8	43	2.96 (2.19, 4.00)	11.7	391	4.01 (3.62, 4.45)
6	520	4886	0.87	34	4.13 (2.95, 5.80)	1.6	46	3.16 (2.36, 4.23)	10.8	373	3.78 (3.40, 4.20)
7	494	5172	0.80	31	3.76 (2.64, 5.36)	1.5	45	2.94 (2.19, 3.95)	10.2	393	3.73 (3.36, 4.13)
8	471	5294	0.73	23	2.82 (1.87, 4.26)	1.4	54	3.58 (2.74, 4.69)	9.6	358	3.34 (3.00, 3.72)
9	453	5457	0.67	22	2.69 (1.77, 4.10)	1.3	50	3.39 (2.56, 4.49)	9.2	376	3.45 (3.11, 3.83)
10-14	2050	32 409	2.6	124	2.98 (2.50, 3.56)	5.1	208	2.64 (2.30, 3.02)	42.3	1882	2.85 (2.72, 2.99)
15-19	1701	37 683	1.6	67	1.89 (1.49, 2.40)	3.3	166	2.31 (1.98, 2.69)	34.6	1805	2.40 (2.29, 2.52)
≥20	1788	57 119	1.1	65	1.86 (1.46, 2.37)	2.4	146	1.95 (1.66, 2.29)	31.8	2020	2.00 (1.91, 2.09)

CI, confidence interval.

\* Follow-up began in 1995 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.



**Table 7. Hazard ratios\* hypertension by history of most severe hypertensive disorder of pregnancy and attained age, among women with at least one live birth or stillbirth in Denmark, 1978-2012.**

Attained age (years)	Most severe hypertensive disorder of pregnancy in any pregnancy										
	Normotensive pregnancy (reference group)		Severe preeclampsia			Moderate preeclampsia			Gestational hypertension		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
<30	1215	3789	13.1	222	5.40 (4.72, 6.19)	38.2	463	3.80 (3.45, 4.18)	10.0	175	5.78 (4.97, 6.73)
30-34	1953	10 120	22.4	516	4.49 (4.11, 4.91)	69.3	1234	3.33 (3.14, 3.54)	19.7	535	5.47 (5.01, 5.96)
35-39	2376	20 366	26.0	721	3.35 (3.11, 3.61)	88.4	2160	2.82 (2.70, 2.95)	25.1	892	4.34 (4.06, 4.64)
40-44	2278	31 207	20.6	727	2.71 (2.52, 2.92)	80.5	2845	2.60 (2.50, 2.70)	22.3	970	3.30 (3.10, 3.52)
45-49	1793	37 313	12.1	548	2.30 (2.11, 2.50)	55.4	2676	2.34 (2.25, 2.43)	16.0	870	2.68 (2.50, 2.86)
≥50	1960	60 993	7.9	417	1.80 (1.63, 1.98)	46.4	2610	1.86 (1.79, 1.94)	15.4	1054	2.26 (2.13, 2.41)

CI, confidence interval.

\* Follow-up began in 1995 or 3 months postpartum, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year, parity and time since most recent pregnancy.

**Table 8. Hazard ratios\* for hypertension by hypertensive disorder of pregnancy sequence in the two first pregnancies according to years since second pregnancy, among women with at least two live births or stillbirths in Denmark, 1978-2012.**

Years since second pregnancy	Normotensive first and second pregnancies (reference group)		HDP in the first pregnancy followed by normotensive second pregnancy			Normotensive first pregnancy followed by HDP in the second pregnancy			HDP in both the first and second pregnancy		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
0-4	1545	7166	57.0	660	2.52 (2.33, 2.73)	20.1	581	5.88 (5.40, 6.40)	11.4	418	7.76 (7.03, 8.57)
5-9	1241	11627	44.6	974	2.38 (2.23, 2.54)	16.2	564	3.57 (3.28, 3.88)	8.9	403	4.86 (4.40, 5.37)
10-14	1059	15 281	35.7	1130	2.25 (2.12, 2.39)	14.0	561	2.72 (2.50, 2.96)	6.9	386	3.92 (3.55, 4.34)
15-19	748	15 858	23.4	899	1.85 (1.73, 1.98)	9.5	472	2.34 (2.13, 2.56)	4.3	285	3.20 (2.85, 3.60)
≥20	581	17 150	16.2	784	1.65 (1.54, 1.78)	6.6	387	1.99 (1.80, 2.20)	2.6	199	2.59 (2.25, 2.97)

CI, confidence interval. HDP, hypertensive disorder of pregnancy.

\* Follow-up began in 1995 or 3 months after the second delivery, whichever came later. All hazard ratios adjusted for maternal age, maternal birth year and parity.

**Table 9 Hazard ratios\* for hypertension >1 year post-partum by history of most severe hypertensive disorder of pregnancy and attained age, among women with at least one live birth or stillbirth in Denmark, 1978-2012.**

Attained age (years)	Most severe hypertensive disorder of pregnancy in any pregnancy										
	Normotensive pregnancy (reference group)		Severe preeclampsia			Moderate preeclampsia			Gestational hypertension		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
<30	887	3084	9.6	118	3.52 (2.93, 4.24)	27.9	321	3.22 (2.87, 3.62)	6.9	93	3.99 (3.25, 4.91)
30-34	1674	9323	18.9	370	3.53 (3.19, 3.92)	60.0	1034	3.01 (2.82, 3.21)	16.4	392	4.46 (4.03, 4.93)
35-39	2253	19 871	24.4	610	2.93 (2.71, 3.18)	83.9	1975	2.64 (2.53, 2.77)	23.3	766	3.88 (3.61, 4.17)
40-44	2256	31 064	20.2	702	2.65 (2.45, 2.85)	79.6	2793	2.57 (2.47, 2.67)	21.9	923	3.17 (2.97, 3.39)
45-49	1792	37 304	12.0	546	2.29 (2.11, 2.50)	55.4	2673	2.34 (2.25, 2.43)	16.0	866	2.67 (2.49, 2.85)
≥50	1960	60 993	7.9	417	1.80 (1.63, 1.98)	46.4	2610	1.86 (1.79, 1.94)	15.4	1054	2.26 (2.13, 2.41)

CI, confidence interval.

\* Follow-up began 1995 or 1 year post-partum, whichever came later. Women who developed hypertension between 3 and 12 months post-partum were excluded from the analyses. All hazard ratios adjusted for maternal age, maternal birth year, parity and time since most recent pregnancy.

**Table 10. Hazard ratios\* for hypertension >1 year post-partum by hypertensive disorder of pregnancy sequence in the two first pregnancies according to years since second pregnancy, among women with at least two live births or stillbirths in Denmark, 1978-2012.**

Time since second pregnancy (years)	Normotensive first and second pregnancies (reference group)		HDP in the first pregnancy followed by normotensive second pregnancy			Normotensive first pregnancy followed by HDP in the second pregnancy			HDP in both the first and second pregnancy		
	Person-years x 10 <sup>3</sup>	No. events	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)	Person-years x 10 <sup>3</sup>	No. events	Hazard ratio (95% CI)
1-4	1277	6500	47.1	597	2.52 (2.32, 2.74)	16.5	414	4.66 (4.22, 5.15)	9.4	303	6.25 (5.57, 7.01)
5-9	1241	11627	44.6	974	2.38 (2.23, 2.54)	16.2	564	3.57 (3.28, 3.88)	8.9	403	4.86 (4.40, 5.37)
10-14	1059	15 281	35.7	1130	2.25 (2.12, 2.39)	14.0	561	2.72 (2.50, 2.96)	6.9	386	3.92 (3.55, 4.34)
15-19	748	15 858	23.4	899	1.85 (1.73, 1.98)	9.5	472	2.34 (2.13, 2.56)	4.3	285	3.20 (2.85, 3.60)
≥20	581	17 150	16.2	784	1.65 (1.54, 1.78)	6.6	387	1.99 (1.80, 2.20)	2.6	199	2.59 (2.25, 2.97)

CI, confidence interval. HDP, hypertensive disorder of pregnancy.

\* Follow-up began 1995 or 1 year post-partum, whichever came later. Women who developed hypertension between 3 and 12 months post-partum were excluded from the analyses. All hazard ratios adjusted for maternal age, maternal birth year and parity.

Supplementary Figure 1. Hazard ratios for hypertension by hypertensive disorder of pregnancy (if any) in the most recent pregnancy and time since most recent pregnancy, among women with at least one live birth or stillbirth in Denmark, 1978-2012. Hypertensive disorders of pregnancy are classified by timing of delivery, such that hazard ratios compare rates of hypertension among women with hypertensive disorders of pregnancy and delivery <34 gestational weeks (orange), hypertensive disorders of pregnancy and delivery at 34-36 weeks (green), and hypertensive disorders of pregnancy and delivery  $\geq 37$  gestational weeks (black) in the latest pregnancy, with rates of hypertension in women whose most recent pregnancy was normotensive. Follow-up began in 1995 or 3 months postpartum, whichever came later. Hazard ratios are adjusted for maternal age, maternal birth year and parity.

