

Appendix 1. Rates and Odds Ratios* for Hemorrhagic and Ischemic Stroke by Selected Risk Factors Among Pregnancy

Hospitalizations With Hypertensive Disorders in Pregnancy Hospitalizations: The 1994-2011 Nationwide Inpatient Sample (N = 6,186,738).

	Hemorrhagic Stroke (n = 3,405)			Ischemic Stroke (n = 2,695)		
Risk Factor	Total Number (N) of HDP Hospitalizations with Risk Factor and Stroke	Rates (SE) of Stroke per 10,000 HDP Hospitalizations	Unadjusted OR (95% CI)*	Total Number (N) of HDP Hospitalizations with Risk Factor and Stroke	Rates (SE) of Stroke per 10,000 HDP Hospitalizations	Unadjusted OR (95% CI)*
Congenital heart disease	30	40.8 (0.36)	7.38 (3.30-16.50)	64	85.4 (0.65)	20.69 (12.14-35.26)

Leffert LR, Clancy CR, Bateman BT, Bryant AS, Kuklina EV. Hypertensive disorders and pregnancy-related stroke: frequency, trends, risk factors, and outcomes. Obstet Gynecol 2014;125.

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Atrial fibrillation	N/A	18.8 (0.17)	3.37 (0.47-24.08)	28	92.1 (0.42)	20.36 (9.07-45.75)
Primary thrombocytopenia	23	31.9 (0.30)	5.82 (2.39-14.18)	30	41.6 (0.44)	9.10 (4.09-20.26)
Migraine	72	17.7 (0.53)	3.27 (1.99-5.37)	107	26.3 (0.94)	5.92 (3.64- 9.63)
Systemic lupus erythematosus	30	13.3 (0.36)	2.42 (1.08-5.39)	45	19.7 (0.62)	4.37 (2.08- 9.15)
Sickle cell anemia	36	9.2 (0.40)	1.68 (0.80-3.53)	52	13.4 (0.58)	3.26 (1.82- 5.83)
Valve disorders	46	7.4 (0.44)	1.34 (0.69-2.60)	108	17.5 (0.82)	3.95 (2.60- 6.00)

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Congenital coagulation defects	57	15.8 (0.47)	2.90 (1.65-5.07)	38	10.4 (0.49)	2.28 (1.14-4.55)
Postpartum hemorrhage	121	7.4 (0.70)	1.62 (0.97-2.71)	87	5.3 (0.74)	0.98 (0.58- 1.67)
Pre-existing diabetes	75	3.4 (0.59)	0.60 (0.35-1.03)	190	8.6 (1.13)	1.99 (1.43- 2.79)

OR = Odds Ratios, CI = Confidence Interval, SE = Standard Error

* Referent group: HDP hospitalizations without selected risk factor. For example, for hospitalizations with congenital heart disease, the referent group is hospitalizations without congenital heart disease.

N/A: Sample size < 10.

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