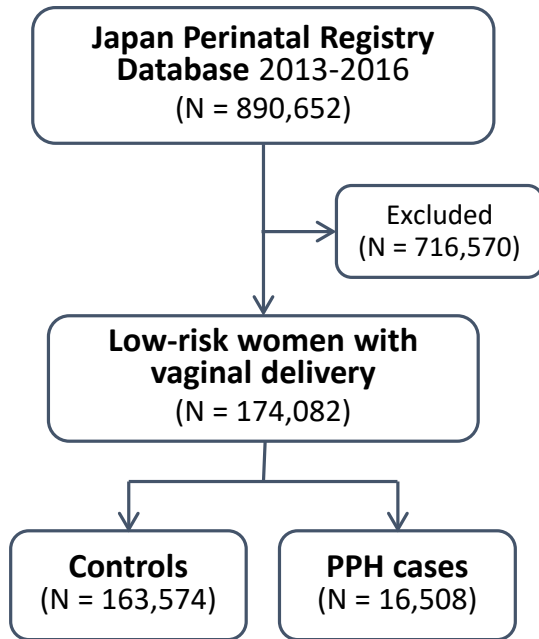


# Poor uterine contractility and postpartum hemorrhage among low-risk women: A case-control study of a large-scale database from Japan



Diagnosis of abnormal labor patterns	Uterotonics use	Univariable analysis			Multivariable analysis		
		Crude OR	95% CI	P value	Adjusted OR	95% CI	p value
-	-	ref.			ref.		
+	-	1.76	1.58-1.96	<0.001	1.23	1.10-1.37	<0.001
-	+	1.74	1.66-1.83	<0.001	1.36	1.29-1.43	<0.001
+	+	1.82	1.73-1.91	<0.001	1.30	1.23-1.37	<0.001

Postpartum hemorrhage (PPH) is a major cause of maternal death. Even seemingly obstetrically low-risk women suddenly develop PPH. Women with **abnormal labor patterns (hypotonic uterine dysfunction, prolonged labor, and arrest of labor)** were at a significantly increased risk for PPH regardless of whether they had used uterotonics.

This study suggests that among low-risk women, poor uterine contractility in labor could be a significant predisposing risk factor for PPH.