Supplemental Table 8. The incidence and prevalence of hypertension in the multiple sclerosis population as compared to controls

Study (year)	MS, n	Controls, n (matched)	Source of controls	Hypertension in MS	Hypertension in controls	Comparison
Incidence						
Christiansen[5] (2010)	13,963	66,407 (yes: sex, age)	DNRP general population	At 1 year: 0/13,963 = 0% At 2-30yr follow-up: 521/13.963 = 3.7%	At 1 year: 0/66,407 = 0% At 2-30yr follow-up: 521/4,666 = 7.0%	NR
Jadidi[28] (2013)	7,664	66,215 (yes: sex, age)	Total Population Register of Sweden	32/7,664 = 0.42%	447/66,214 = 0.68%	NR
Prevalence						
Allen[7] (2008)	9,949	19,898 (yes: sex, age, race/ethnicity, insurance)	Hospitalization from SPARCS database of non-MS patients	1820/9,949 = 18.3%	29.3%	p<0.05
Fleming[11] (1994)	5384	5384 (yes: sex, age)	Medicare Population without history of MS	7.42/100 = 7.42%	15.95/100 = 15.9%	Statistically significant difference using X^2 (P < 0.05)
Kang[8] (2010)	898	4490 (yes: sex, age, monthly income level of urbanization in community)	Randomly selected patients from the NHIRD	144/898 = 16%	575/4,490 = 12.8%	OR 1.4 (1.1-1.7)
Khan[9] (2007)	62	62 (no)	Caregivers of MS participants	9/62 = 14.5%	11/62 = 22.0%	NR
LaVela[10] (2012)	1,142	31,500 (no)	Historical data from respondents to 2003 BRFSS: General Veteran U.S. Population with no history of MS	533/ 1,142 = 46.7%	12,978/ 31,500 = 13.6%	P< 0.001
Lindegard[32] (1985)	351	159,200 (no)	General Hospital in-patient hospitalization within the city of Gothenburg, Sweden	Young males 2.5%	NR	p >0.05

				Older males 5.7% Young females 0.0% Older females 4.3%		
Lu[33] (2013)	432	2,975 (yes: frequency-matched sample by maternal age, local health authority, delivery year)	Female patients from the BCPDR	33/432= 8%	157/2,975= 5%	P=0.046 X^2 test
Marrie[34] (2012)	430	20,940 (yes: sex, age, region)	Manitoba Health Population Registry	20.8% (19.1–22.5%)	22.5% (21.7–23.3%)	Significantly lower in the MS population from 1985-2004 (PR 0.85; 0.80–0.89) but not in 2005 (PR 0.91; 0.78–1.06)
Sheu[44] (2013)	326	1580 (yes: sex, age, index year)	LHID 2000 Database of Taiwan	69/316= 21.8%	242/1580= 15.3%	P=0.004
Sun[14] (2013)	1292	5168 (Yes: age, sex, index year)	NHIRD without history of MS	103/1292 = 7.97%	105/5168 = 2.03%	P< 0.0001

NR: Not Reported, OR: Odds Ratio, SPARCS: New York Department of Health Statewide Planning and Research Cooperate System, DNRP: Danish National Registry of Patients, NHIRD:

National Health Insurance Research Database, BCPDR: British Columbia Perinatal Database Registry, LHID 2000 Database: Taiwan Longitudinal Health Insurance Database, BRFSS:

Behavioral Risk Factor Surveillance System