

Appendix 2 Malformations among live births.

*Binomial test: N = No of informative cases, k = frequency in study sample, p[expected] = % of neonates in general population. †Of 92 live birth cases informative for malformation status. ‡Of 26 male live birth cases informative for malformation status.

Malformation	% (frequency) in study sample	% of neonates in general population	Significance*
VSD	16.3% (15†)	0.117% [1]	p < 0.0001
ASD	9.8% (9†)	0.065% [2]	p < 0.0001
Hypospadias	26.9% (7‡)	0.8% [3]	p < 0.0001

[1] Ammash NM, Warnes CA. Ventricular septal defects in adults. *Ann Intern Med* 2001;135:812-824.

[2] Riopel DA. The heart. In: Stevenson RE, Hall JG, Goodman RM (eds) *Human Malformations and Related Anomalies*, Oxford monographs on medical genetics no. 27. New York: Oxford University Press; 1993;237-253.

[3] Gallentine ML, Morey AF, Thompson, IM, Jr. Hypospadias: A contemporary epidemiologic assessment. *Urology* 2001;57:788-790.