

human reproduction **SUPPLEMENTARY DATA**

Supplementary Table S1 Diagnostic codes used in the analysis.

	ICD10	ICD9	ICD 8	Nomesco
Genetic and congenital malformation codes				
Autosome chromosomal abnormalities	Q90	7580	759.3	
	Q91.0, Q91.1, Q91.2, Q91.3	7582	759.40	
	Q91.4, Q91.5, Q91.6, Q91.7	7581	759.41	
	Q92		759.42	
	Q93	7583		
	Q95	7584, 7585	759.48	
	Q99.8, Q99.9, Q87.11			
Sex chromosome abnormalities (Turner excluded)	Q99.0, Q99.1, Q99.2, Q87.10,	7588X		
	Q97	7588D	752.70, 752.69, 752.72, 759.52	
	Q98	7587, 7588B, 7588E, 7588D	752.71, 759.51, 759.52, 759.53, 759.59	
Skin and mammary gland anomalies	Q80, q81, Q82, q84, Q85	7570, 7571, 7572, 7573, 7574, 7575, 7576, 7596		757
Congenital malformation syndromes due to known exogenous causes	Q86			
Turner syndrome	Q96	7586	310.54, 311.54, 312.54, 313.54, 314.54, 315.54, 759.5	
Autosomal single-gene disorders	Q87.01, Q87.02, Q87.03, Q87.06, q87.4, Q87.13, Q87.14, Q87.15, Q87.16, Q87.17, Q87.18, Q87.20, Q87.21, Q87.22 Q87.23, Q87.25, Q87.27, Q87.30, Q87.31, Q87.81, Q87.82, Q87.83, Q87.84, Q87.86,	7598a, 7598B, 7598C, 7597	759.8 310.28, 311.28, 312.28, 313.28, 314.28, 315.28	759.80, 759.81, 759.82, 759.83, 759.84, 759.88, 759.99,
Other chromosomal abnormalities	Q87.12, Q87.80	7589X	310.48, 311.48, 312.48, 313.48, 314.58, 315.48	
Unspecified congenital malformations	Q87.04, Q87.8, Q87.24, Q87.26, Q87.88, Q89.3, Q89.4, Q89.7, Q89.8, Q89.9	7598D, 7593, 7594, 7595, 7597, 7599, 7598	745.8, 758.9, 759.00, 759.1, 759.21, 759.28, 759.29, 759.60	
Congenital malformations of the nervous system	Q00, Q01, Q02, Q03, Q04, Q05, Q06, Q07, Q87.05	740, 741, 742	740, 741, 742, 743	
Congenital malformations of the eye, ear, face, and neck	Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q87.09	743, 744,	744, 745, 759.20	

(continued)

Supplementary Table SI Continued

	ICD10	ICD9	ICD 8	Nomesco
Congenital malformations of the circulatory system	Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28	745, 746, 747	746, 747	
Congenital malformations of the respiratory system	Q30, Q31, Q32, Q33, Q34	748	748	
Cleft lip and cleft palate	Q35, Q36, Q37	749	749	
Other congenital malformations of the digestive system	Q38, Q39, Q40, Q41, Q42, Q43, Q44, Q45	750, 751	750, 751	
Congenital malformations of the ovary, fallopian tubes, and broad ligaments	Q50	7520, 7521	752.54, 752.55, 752.56, 752.59,	
Congenital malformations of the uterus and cervix	Q51	7522, 7523, 7524,	752.51, 752.52, 752.53	
Other congenital malformations of female genitalia	Q52	7529	752.6, 752.61, 752.62, 752.69	
Disorders of sexual differentiation or development	Q56	7588A, 7588C	752.0, 752.08	
Congenital malformations of the urinary system	Q60, Q61, Q62, Q63, Q64	753	753	
Congenital malformations and deformations of the musculoskeletal system	Q65, Q66, Q67, Q68, Q69, Q70, Q71, Q72, Q73, Q74, Q75, Q76, Q77, Q78, Q79, Q87.1, Q87.28, Q87.3, E34.3, Q87.5, Q87.38	754, 755, 756	754, 755, 756	
Congenital malformations of spleen	Q89.0	7590	758.00, 758.01, 758.02, 758.09	
Congenital malformations of endocrine glands	Q89.1, Q89.2,	7591, 7592	758.10, 758.2, 758.3, 758.8	