

**Supplementary Table S1** Proportion of semen analysis and genotyping of Y-chromosomal microdeletions performed at the Andrology Centre, Tartu University Hospital (AC-TUH) from all respective analysis in Estonia during the study period.

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Semen analysis <sup>a</sup>										
Total in Estonia (n)	3535	4838	5512	6076	4955	4852	5309	6075	6393	47 545
AC-TUH (n)	2561	3920	4408	4723	3907	3808	3909	4099	4213	35 548
Proportion of AC-TUH (%)	72.4%	81.0%	80.0%	77.7%	78.8%	78.5%	73.6%	67.5%	65.9%	74.8%
Y microdeletion analysis <sup>a</sup>										
Total in Estonia (n)	156	131	140	122	137	123	112	146	164	1231
AC-TUH (n)	146	125	133	116	124	120	106	138	155	1163
Proportion of AC-TUH (%)	93.6%	95.4%	95.0%	95.1%	90.5%	97.6%	94.6%	94.5%	94.5%	94.5%

<sup>a</sup>Data for the analyses covered by Estonian Health Insurance Fund, which is the only organization in Estonia dealing with compulsory health insurance.