

Publications based on the Turku Male Reproductive Health study

(last updated January 2014)

1. Jensen TK, Vierula M, Hjollund NH, Saaranen M, Scheike T, Saarikoski S, Suominen J, Keiski A, Toppari J, Skakkebaek NE, The Danish First Pregnancy Planner Study Team. Semen quality among Danish and Finnish men attempting to conceive. *Eur J Endocrinol.* 2000; 142:47-52.
2. Jørgensen N, Andersen A-G, Eustache F, Irvine DS, Suominen J, Petersen JH, Andersen AN, Auger J, Cawood EHH, Horte A, Jensen TK, Jouannet P, Keiding N, Vierula M, Toppari J, Skakkebaek NE. Regional differences in semen quality in Europe. *Hum Reprod.* 2001; 16:1012-1019.
3. Horte A, Vierula M, Toppari J, Suominen J. Reassessment of sperm morphology of archival semen smears from the period 1980-1994. *Int J Androl.* 2001; 24:120-124.
4. Jensen TK, Slama R, Ducot B, Suominen J, Cawood EHH, Andersen A-G, Eustache F, Irvine DS, Auger J, Jouannet P, Vierula M, Jørgensen N, Toppari J, Skakkebaek NE, Spira A. Regional differences in waiting time to pregnancy among fertile couples from four European cities. *Hum Reprod.* 2001; 16:2697-2704.
5. Auger J, Eustache F, Andersen AG, Irvine DS, Jørgensen N, Skakkebaek NE, Suominen J, Toppari J, Vierula M, Jouannet P. Sperm morphological defects related to environment, lifestyle and medical history of 1001 male partners of pregnant women from four European cities. *Hum Reprod.* 2001; 16:2710-2717.
6. Slama R, Eustache F, Ducot B, Jensen TK, Jørgensen N, Horte A, Irvine S, Suominen J, Andersen A-G, Auger J, Vierula M, Toppari J, Keiding N, Skakkebaek NE, Spira A, Jouannet P. Time to pregnancy and semen parameters: a cross sectional study among fertile couples from four European cities. *Hum Reprod.* 2002; 17:503-515.
7. Jørgensen N, Carlsen E, Nermoen I, Punab M, Suominen J, Andersen A-G, Andersson A-M, Haugen TB, Horte A, Jensen TK, Magnus Ø, Petersen JH, Vierula M, Toppari J, Skakkebaek NE. East-West gradient in semen quality in the Nordic-Baltic area: a study of men from the general population in Denmark, Norway, Estonia and Finland. *Hum Reprod.* 2002; 17:2199-2208.
8. Jensen TK, Jørgensen N, Punab M, Haugen TB, Suominen J, Zilaitiene B, Horte A, Andersen A-G, Carlsen E, Magnus Ø, Matulevicius V, Nermoen I, Vierula M, Keiding N, Toppari J, Skakkebaek NE. In utero exposure to maternal smoking associated with reduced semen quality and testis size in adulthood. A cross-sectional study of 2069 young men from the general population in five European countries. *Am J Epidemiol.* 2004; 159:49-58.
9. Virtanen HE, Rajpert-De Meyts, Main KM, Skakkebaek NE, Toppari J. Testicular dysgenesis syndrome and the development and occurrence of male reproductive disorders. *Toxicol Appl Pharmacol.* 2005; 207:501-5.
10. Skakkebaek NE, Rajpert-De Meyts E, Jørgensen N, Main KM, Leffers H, Andersson AM, Juul A, Jensen TK, Toppari J. Testicular cancer trends as 'whistle blowers' of testicular developmental problems in populations. *Int J Androl.* 2007; 30: 198-204.
11. Paasch U, Salzbrunn A, Glander HJ, Plambeck K, Salzbrunn H, Grunewald S, Stucke J, Vierula M, Skakkebaek NE, Jørgensen N. Semen quality in sub-fertile range for a significant proportion of young men from the general German population: a co-ordinated, controlled study of 791 men from Hamburg and Leipzig. *Int J Androl.* 2008; 31:93-102.
12. Lohi S, Lohi O, Vierula M, Mäki M, Toppari J. Coeliac disease autoantibodies in seminal plasma from cases with screen-detected coeliac disease. *Scand J Gastroenterol.* 2009; 44: 509-11.

13. Jørgensen N, Liu F, Andersson A-M, Vierula M, Irvine S, Auger J, Brazil CK, Drobnis EZ, Jensen TK, Jouannet P, Overstreet JW, Redmon JB, Sparks A, Toppari J, Wang C, Skakkebak NE, H. Swan SH. Serum inhibin-b in fertile men is strongly correlated with low but not high sperm counts: a coordinated study of 1,797 European and US men. *Fertil Steril*. 2010; 94:2128-2134.
14. Fernandez MF, Duran I, Olea N, Avivar C, Vierula M, Toppari J, Skakkebak NE, Jørgensen N. Semen quality and reproductive hormone levels in men from Southern Spain. *Int J Androl*. 2012; 35:1-10.
15. Jørgensen N, Vierula M, Jacobsen R, Pukkala E, Perheentupa A, Virtanen HE, Skakkebak NE, Toppari J. Recent adverse trends in semen quality and testis cancer incidence of Finnish men. *Int J Androl*. 2011; 34:e37-e48.
16. Virtanen HE, Sadov S, Toppari J. Prenatal exposure to smoking and male reproductive health. *Curr Opin Endocrinol Diabetes Obes*. 2012 ; 19: 228-32.
17. Virtanen HE, Sadov S, Vierula M, Toppari J. Finland is following the trend – sperm quality in Finnish men. *Asian J Androl*. 2013; 15: 162-4.