

PATERNAL AGE AND EMBRYO ANEUPLOIDY IN HUMANS

Advanced age has become a major concern in western societies as men and women delay starting families. There are many publications about the negative impact of advanced maternal age on the fertility of couples. However, less attention has been paid to the possible impact of advanced paternal age (APA). Some studies have shown an increase in de novo mutations associated with APA ([doi:10.1038/ng.3597](https://doi.org/10.1038/ng.3597)) as a result of an accumulation of errors during the fertile lifespan of men (mutations related to the process of DNA replication). This new paper from *The Journal of Assisted Reproduction and Genetics* (doi.org/10.1007/s10815-019-01549-z) explores whether there is an association between APA and aneuploidy in embryos. To exclude the contribution of advanced maternal age, authors have compiled data from IVF cycles using egg donors (fertile women under 35 years old). Results support previous findings that indicate a negligible effect of APA on the genesis human aneuploidy.