

Does delaying fatherhood reduce fertility?

August 18 2021



Credit: Pixabay/CC0 Public Domain

In a study published in *Acta Obstetricia et Gynecologica Scandinavica*, couples in which the prospective father was older had a reduced likelihood of a successful birth through *in vitro* fertilization/intracytoplasmic sperm injection (IVF/ICSI). This was true independent of the prospective mother's age.

The study included 4,833 IVF/ICSI cycles (involving 4,271 men), with 40.8% of cycles resulting in a live birth. Compared with younger men, the probability of a live birth was 33% lower for men older than 50 years of age.

"Paternal age over 50 significantly affects the chance of achieving a [live birth](#) following assisted reproductive technology," the authors wrote.

"There should be a public health message for men to not delay fatherhood."

More information: Guy Morris et al, Paternal age over 50 years decreases assisted reproductive technology (ART) success: A single UK center retrospective analysis, *Acta Obstetrica et Gynecologica Scandinavica* (2021). [DOI: 10.1111/aogs.14221](https://doi.org/10.1111/aogs.14221)

Provided by Wiley

Citation: Does delaying fatherhood reduce fertility? (2021, August 18) retrieved 5 May 2024 from <https://medicalxpress.com/news/2021-08-fatherhood-fertility.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--