

# Accepted Manuscript

Title: Cumulative live birth rates after IVF in patients with polycystic ovaries: phenotype matters

Author: Michel De Vos, Stéphanie Pareyn, Panagiotis Drakopoulos, José M. Raimundo, Ellen Anckaert, Samuel Santos-Ribeiro, Nikolaos P. Polyzos, Herman Tournaye, Christophe Blockeel



PII: S1472-6483(18)30258-X  
DOI: <https://doi.org/10.1016/j.rbmo.2018.05.003>  
Reference: RBMO 1945

To appear in: *Reproductive BioMedicine Online*

Received date: 19-10-2017  
Revised date: 29-4-2018  
Accepted date: 1-5-2018

Please cite this article as: Michel De Vos, Stéphanie Pareyn, Panagiotis Drakopoulos, José M. Raimundo, Ellen Anckaert, Samuel Santos-Ribeiro, Nikolaos P. Polyzos, Herman Tournaye, Christophe Blockeel, Cumulative live birth rates after IVF in patients with polycystic ovaries: phenotype matters, *Reproductive BioMedicine Online* (2018), <https://doi.org/10.1016/j.rbmo.2018.05.003>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Reproductive outcomes of ART in women with polycystic ovaries

## Cumulative live birth rates after IVF in patients with polycystic ovaries: phenotype matters

Michel De Vos <sup>a,\*</sup>, Stéphanie Pareyn <sup>a</sup>, Panagiotis Drakopoulos <sup>a</sup>, José M Raimundo <sup>a</sup>, Ellen Anckaert <sup>b</sup>, Samuel Santos-Ribeiro <sup>a</sup>, Nikolaos P Polyzos <sup>a</sup>, Herman Tournaye <sup>a</sup>, Christophe Blockeel <sup>a,c</sup>

<sup>a</sup> Centre for Reproductive Medicine, Universitair Ziekenhuis Brussel, Brussels, Belgium;

<sup>b</sup> Laboratory of Clinical Chemistry and Radioimmunology, UZ Brussel, Brussels, Belgium; <sup>c</sup> Department of Obstetrics and Gynaecology, School of Medicine, University of Zagreb, Croatia

\* Corresponding author. *E-mail address*: michel.devos@uzbrussel.be (M De Vos).

### Key message

Compared to normoandrogenic phenotypes, patients with hyperandrogenic PCOS phenotypes have significantly lower cumulative live birth rates after ART. Data from this study illustrate the importance of using the phenotypic features of PCOS rather than the diagnostic criteria of the disorder in daily ART practice and in reporting outcomes after ART.



### Author Biography

Michel De Vos is an associate professor and senior medical director at the Centre for Reproductive Medicine at UZ Brussel-VUB. He is recognized as a subspecialist in reproductive medicine and surgery by ESHRE and EBCOG. His current research activities are focused on reproductive endocrinology, in-vitro maturation and fertility preservation.

### Abstract

**Research question:** Do cumulative live birth rates (CLBR) vary among women with different polycystic ovary syndrome (PCOS) phenotypes who undergo IVF/intracytoplasmic sperm injection (ICSI) treatment?

**Design:** In this retrospective cohort study, data from 567 patients undergoing an assisted reproductive technology (ART) cycle between January 2010 and December 2015 were collected. Demographical traits, cycle characteristics and clinical and laboratory data were analysed.

Download English Version:

<https://daneshyari.com/en/article/8783714>

Download Persian Version:

<https://daneshyari.com/article/8783714>

[Daneshyari.com](https://daneshyari.com)