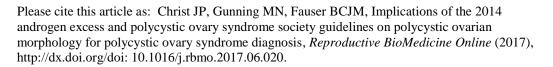
## Accepted Manuscript

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Author: Christ JP, Gunning MN, Fauser BCJM

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## ACCEPTED MANUSCRIPT

Short title: Implications of 2014 AEPCOS guidelines for PCOM on PCOS diagnosis

Implications of the 2014 Androgen Excess and Polycystic Ovary Syndrome Society guidelines on polycystic ovarian morphology for polycystic ovary syndrome diagnosis

Christ JP,<sup>a,b</sup> Gunning MN,<sup>b</sup> Fauser BCJM<sup>b</sup>

<sup>a</sup>Cleveland Clinic Foundation, Cleveland, OH, USA. <sup>b</sup>Department of Reproductive Medicine, University Medical Center Utrecht, Utrecht, The Netherlands.

\*Corresponding author: Bart CJM Fauser, Head and Chair of the Department of Reproductive Medicine and Gynaecology, UMC Utrecht, Reproductive Medicine, Room F. 05.126, PO Box 85500, Utrecht, 3508GA, the Netherlands. Tel: +31887557524; FAX: +31887557554; E-mail address: b.c.fauser@umcutrecht.nl

## Abstract

The Androgen Excess and Polycystic Ovary Syndrome Society (AEPCOS) has recommended an updated threshold for polycystic ovarian morphology (PCOM) of 25 follicles or more, 10 ml or more of ovarian volume, or both. We describe the effect of these guidelines on reproductive and metabolic characteristics in 404 women. These women were separated into four groups: group A: hyperandrogenism and oligo-amenorrhoea (n = 157); group B: hyperandrogenism or oligo-amenorrhoea and PCOM meeting AEPCOS 2014 criteria (n = 125); group C: hyperandrogenism or oligo-amenorrhoea and PCOM meeting Rotterdam 2003 but not AEPCOS 2014 criteria (n = 72); and group D: non-PCOS not meeting either criteria (n = 50). Groups B, C and D did not differ across any metabolic markers. The AEPCOS 2014 guidelines may have limited utility in

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