

Corrigendum. First PGT-A using human *in vivo* blastocysts recovered by uterine lavage: comparison with matched IVF embryo controls

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In the article entitled “First PGT-A using human *in vivo* blastocysts recovered by uterine lavage: compared with matched IVF controls” (<https://doi.org/10.1093/humrep/dez242>), the authors would like to add the following information:

Missing citation:

In the original Munne *et al.* manuscript, the following manuscript was not cited: “Novel uterine lavage system for recovery of human embryos fertilized and matured *in vivo*.” The authors are now referencing this manuscript with the following citation:

Nadal A, Najmabadi S, Addis B, Buster John E. Novel uterine lavage system for recovery of human embryos fertilized and matured *in vivo*. *Med Devices* 2019;**12**:133–141. <https://doi.org/10.2147/MDER.S193067>.

The Human Reproduction Editorial Team informed the authors on 01 February 2021 that Nadal *et al.* held duplicate data with Munne *et al.* as a response to Murtinger *et al.* The Nadal manuscript was published 24 April 2019, and the Munne *et al.* was published 01 January

2020. The Nadal manuscript reports on the specifications of the uterine lavage catheter used in these studies for a medical device journal; it was not intended to report any clinical data. In the process of peer review, Nadal *et al.* amended the manuscript with lavage efficiency data for the 134 uterine lavage cycles. As a result, Munne *et al.* and Nadal *et al.* had overlapping data on uterine lavage efficiency. Nonetheless, there are distinctions between the papers which warrant publication of each:

- IVF Control Group: Munne *et al.* reports on 20 IVF controls performed on subjects who had undergone a uterine lavage cycle with embryos recovered.
- *In vivo* vs. *in vitro* Comparison: Munne *et al.* performs an *in vivo* vs. *in vitro* comparison between ploidy and morphology using embryos from the same women. No other manuscript has ever published an *in vivo* vs. *in vitro* comparison with human embryos.
- Preliminary pregnancy results: Munne *et al.* reports on first pregnancy results of *in vivo* PGT-A screened euploid embryos transferred into infertile recipients.
- hCG levels in women after uterine lavage: Munne *et al.* provides extensive detail of the residual hCG levels post-lavage and how

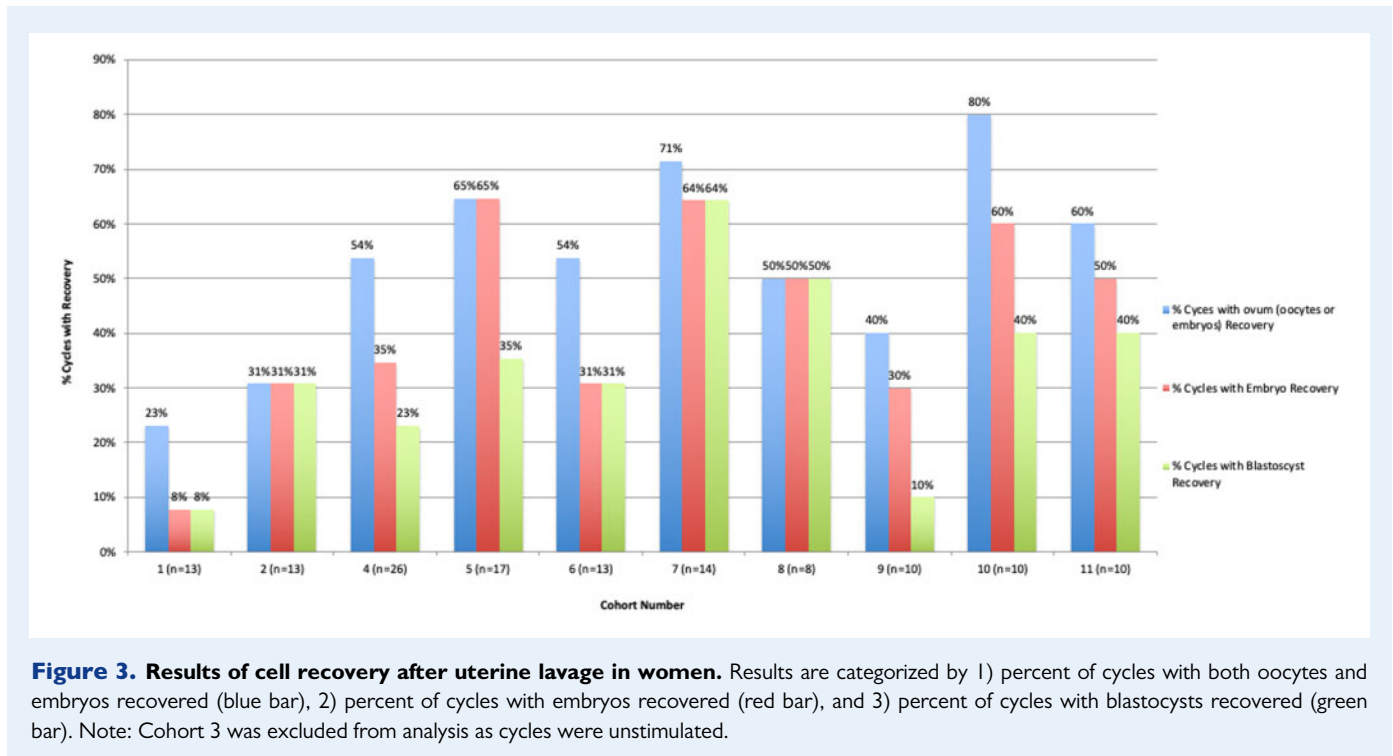


Figure 3. Results of cell recovery after uterine lavage in women. Results are categorized by 1) percent of cycles with both oocytes and embryos recovered (blue bar), 2) percent of cycles with embryos recovered (red bar), and 3) percent of cycles with blastocysts recovered (green bar). Note: Cohort 3 was excluded from analysis as cycles were unstimulated.

each residual hCG came to resolution. Only the gross number of residual hCGs were reported in Nadal et al.

Figure 3 Addendum

Figure 3 from the original article illustrates lavage efficiency per cohort up to cohort #8 when there were actually 11 cohorts reported, com-

prising 134 uterine lavage cycles. The authors are re-submitting Figure 3 to display lavage efficiency data from all cohorts.

They were not initially illustrated due to the variability of the data relative to the first eight cohorts which showed a consistent pattern of improvement.

The authors would like to apologize for any inconvenience caused.

These details have been corrected only in this corrigendum to preserve the published version of record.