

Accepted Manuscript

Title: Early oocyte denudation does not compromise ICSI cycle outcome: a large retrospective cohort study

Author: Osama Naji, Natalie Moska, Yaser Dajani, Awatuf El-Shirif, Hassan El-Ashkar, Mohamed Hosni, Mohamed Khalil, Yacoub Khalaf, Virginia Bolton, Tarek El-Toukhy



PII: S1472-6483(18)30138-X
DOI: <https://doi.org/10.1016/j.rbmo.2018.03.014>
Reference: RBMO 1920

To appear in: *Reproductive BioMedicine Online*

Received date: 30-5-2017
Revised date: 10-3-2018
Accepted date: 14-3-2018

Please cite this article as: Osama Naji, Natalie Moska, Yaser Dajani, Awatuf El-Shirif, Hassan El-Ashkar, Mohamed Hosni, Mohamed Khalil, Yacoub Khalaf, Virginia Bolton, Tarek El-Toukhy, Early oocyte denudation does not compromise ICSI cycle outcome: a large retrospective cohort study, *Reproductive BioMedicine Online* (2018), <https://doi.org/10.1016/j.rbmo.2018.03.014>.

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.

Short title: Early versus late oocyte denudation has no impact on ICSI cycle outcome

Early oocyte denudation does not compromise ICSI cycle outcome: a large retrospective cohort study

Osama Naji ^{a,*}, Natalie Moska ^a, Yaser Dajani ^a, Awatuf El-Shirif ^a, Hassan El-Ashkar ^a, Mohamed Hosni ^a, Mohamed Khalil ^a, Yacoub Khalaf ^{a,b}, Virginia Bolton ^{a,b}, Tarek El-Toukhy ^{a,b}

^a Assisted Conception Unit, Guy's and St Thomas' Foundation Trust, Guy's Hospital, London, UK; ^b King's College London, London, UK

* Corresponding author. *E-mail address:* o.naji@alumni.imperial.ac.uk (O Naji).

Key message

Oocyte denudation can be carried out at any time up to 5 h following oocyte retrieval without compromising ICSI cycle outcome.



Osama Naji is a specialist registrar in reproductive medicine and surgery and currently training at Guy's and St Thomas' Hospital in London. He trained in north-west London and obtained his MD from Imperial College London.

Abstract

This retrospective cohort study of 2051 consecutive fresh non-donor intracytoplasmic sperm injection (ICSI) cycles investigated whether time from oocyte retrieval to denudation, precisely measured and recorded by an operator-independent automated radiofrequency-based system, affected cycle outcome. ICSI cycles were divided into two groups: group I (denudation within <2 h of oocyte retrieval, $n = 1118$) and group II (denudation 2–5 h after oocyte retrieval, $n = 933$). Univariate analysis by two-sample t-test or Mann-Whitney test was used, as appropriate. Both groups were comparable with regards to mean number of oocytes retrieved and fertilized normally after ICSI. The mean number of embryos transferred and surplus embryos cryopreserved at the blastocyst stage were similar. There was no significant difference

Download English Version:

<https://daneshyari.com/en/article/8783736>

Download Persian Version:

<https://daneshyari.com/article/8783736>

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