

Abstract Details

Session title: Session 09: ESHRE Recommendations for good practice

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Abstract title:

Recommendations for good practice in ultrasound - oocyte pick-up: The practice

Biography

I work as Consultant in Assisted Reproduction at Wales Fertility Institute, Cardiff and as Honorary Senior Clinical Lecturer in Obstetrics and Gynaecology at Cardiff University. I am currently the Director of the postgraduate teaching Diploma/Master in Ultrasound at Cardiff University. I have 20 years' experience in Assisted Reproduction and ultrasound.

I am Past Coordinator of the Special Interest Group (SIG) in Safety and Quality in ART (SQART) for the European Society of Human Reproduction & Embryology (ESHRE). I am member, reviewer, co-reviewer and translator of the Cochrane Menstrual Disorders and Subfertility Group (MDSG). I am currently involved in the guidelines development group working on ESHRE guideline on fertility preservation and one on Ultrasound.

My research interests are ultrasound, ovarian hyperstimulation syndrome, fertility preservation and cancer, recurrent implantation failure, markers of ovarian reserve and ovarian cancer screening. I am author of several international publications; speaker at national and international conferences and peer-reviewer for many journals in the field of reproductive medicine and ultrasound.

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Abstract text

STUDY QUESTION

What is good practice in ultrasound, and more specifically during the different stages of transvaginal oocyte retrieval?

SUMMARY ANSWER

This document provides good practice recommendations covering technical aspects of transvaginal oocyte pick up.

WHAT IS ALREADY KNOWN

Ultrasound guided transvaginal oocyte pick up is a widely performed procedure, but standards for best practice are not available.

STUDY DESIGN SIZE, DURATION

A working group collaborated on writing recommendations on the practical aspects of transvaginal oocyte pick up.

PARTICIPANTS/MATERIALS, SETTING, METHODS

This document focused on transvaginal oocyte pick up. Further documents in this series will provide recommendations for other ultrasound procedures in infertility and assisted reproduction.

MAIN RESULTS AND THE ROLE OF CHANCE

The document presents general recommendations for transvaginal oocyte pick up, and specific recommendations for its different stages, including prior to, during and after the procedure. In addition, information is provided on equipment and materials, possible risks and complications, audit and training.

LIMITATIONS REASONS FOR CAUTION

The recommendations of this paper were mostly based on clinical expertise as at present only few clinical trials have focused on the oocyte retrieval techniques, and almost all available data are observational. In addition, studies focusing on oocyte pick up were heterogeneous with significant difference in techniques used, which made drafting conclusion and recommendations based on these studies even more challenging.

WIDER IMPLICATIONS OF THE FINDINGS

These recommendations complement previous guidelines on the management of good laboratory practice in assisted reproduction techniques. Some useful troubleshooting/checklist recommendations were given for easy implementation on clinical practice. These recommendations were aimed to contribute to the standardization of a rather common procedure which is still performed with great heterogeneity.

Keywords:

Oocyte Retrieval
ultrasound
Good clinical practise
egg collection
ART