Clinical paper

Medtronic provides the following synopsis of a clinical publication on long-term complications and the reproductive outcome after the management of retained products of conception.

TITLE Long-term complications and the reproductive outcome after the management of retained products of conception: a systematic review

AUTHORS Angelo B. Hooker, M.D., Humeyra Aydin, M.D., Hans A.B. Brolmann, M.D., Ph.D., Judith A. F. Huirne, M.D., Ph.D.

JOURNAL Fertility and Sterility Volume 105 No. 1, January 20, 2016

PURPOSE OF THE STUDY

To examine long term complications and reproductive outcomes after management of retained products of conception (RPOC).

METHODS

- Systematic review of the existing literature in women with "suspected and surgical or medically treated RPOC"
- Original, peer reviewed articles reporting the prevalence of Intrauterine Adhesions and or reproductive outcomes in women treated with RPOC were selected
- 339 patients enrolled across 5 studies that evaluated intrauterine adhesions (IUAs)

PATIENT CHARACTERISTICS

- Women after spontaneous or medically treated miscarriages and after termination of pregnancy (TOP)
- Women incomplete D&C for miscarriage or TOP
- Women suspected of RPOC undergoing medical or surgical intervention after delivery

RESULTS

Significantly more intra-uterine adhesions (IUAs) were encountered after D&C compared to Hysteroscopic Resection (HR)

- IUAs reported in 30% of women in the D&C group vs. 13% in HR.

Significantly more incomplete evacuations were encountered in the D&C group compared to HR.

- Incomplete evacuation reported in 29% of women in the D&C vs. 1% in HR.

LIMITATIONS

Only 10 cohort studies were identified; cohort studies less reliable to confirm treatment associated factors as they are not randomized

Limitations in methodologies of selected studies such as details on eligibility criteria, reasons for treatments, or estrogenic state (which may influence adhesions)

****THIS CONCLUDES THE CLINICAL SYNOPSIS OF THIS PUBLICATION****

Medtronic

©2026 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. All other brands are trademarks of a Medtronic company.
emea-uw-2100032-rpoc-management-dr-hook-clinical-paper-en-emea-23941023