

Medical abortion at first trimester of pregnancy with misoprostol

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Abstract

Objectives: To evaluate the efficacy of medical abortion at first trimester of pregnancy with vaginal misoprostol. **Methods:** This is a descriptive analytic study. It was performed on 100 women at first trimester of pregnancy referred to teaching hospitals related to the Medical Sciences of Mashhad University, Mashhad, Iran for termination of pregnancy in 2006. Each patient received first dose of misoprostol (800 µg/vaginal), the second dose (800 µg/vaginal) was administered 24 hours after the first dose if expulsion of conceptus was not successful and curettage was performed if product of conception remained. **Results:** From 100 patients, 82 women (82%) had successful complete abortion, and 18 cases required curettage. Among them, pregnancy was terminated in 66 (62%) with first dose of misoprostol and 14 (33%) of them required second dose. No important side-effects were noted due to vaginal misoprostol treatment. **Conclusion:** Termination of pregnancy by medical methods at first trimester of pregnancy with vaginal misoprostol is safe, cost effective, and without side-effects.

Reaxys Database Information

Indexed Keywords

EMTREE drug terms: misoprostol

EMTREE medical terms: adult; article; cost effectiveness analysis; curettage; descriptive research; drug efficacy; drug safety; female; first trimester pregnancy; human; Iran; major clinical study; medical abortion; pregnancy termination; teaching hospital; university hospital; unspecified side effect

MeSH: Abortifacient Agents, Nonsteroidal; Abortion, Induced; Female; Humans; Misoprostol; Pregnancy; Pregnancy Trimester, First

Medline is the source for the MeSH terms of this document.

Chemicals and CAS Registry Numbers: misoprostol, 59122-86-2, 59122-88-4; Abortifacient Agents, Nonsteroidal; Misoprostol, 59122-86-2

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