

from 17 to 24 completed weeks abortions

**by using alone
vaginal misoprostol**

Prof. Dr. NGUYEN Duc Hinh
Vice Director
National Hospital for Obstetrics and
Gynecology
Hanoi, Vietnam

overview

1. **Abortion is legal**
2. **MVA: for up to 12 completed weeks since the woman's last menstrual period.**
3. **MA: up to 49 days (mifepristone & misoprostol)**
4. **D&E: from 13 to 18 weeks**
5. **Misoprostol only: from 17 to 24 weeks**

Objectives

General objective

The study aims at finding a efficacy and safety of termination of pregnancy from 17 to 24 completed weeks since last menstrual period by Misoprostol administration alone.

Objectives

Specific objectives

- ❖ **their effectiveness to induce complete abortion in relation to the length of amenorrhea;**
- ❖ **the frequency of side effects; and**
- ❖ **the complications of abortion**

Study design

- ❖ January to October 2006
- ❖ At National Hospital for Obstetrics and Gynecology
- ❖ A total of 230 women from 17 to 24 completed weeks of pregnancy since last menstrual period.

Method of abortion

- Misoprostol alone in repeated doses
- ❖ Misoprostol tablets of 200mcg (Alsoben – Korea)
 - ❖ Vaginal administration
 - ❖ One tablet / every 6 hours
 - ❖ Up to 3 times /day
 - ❖ Repeated the next day if necessary

Study population

A total 230 subjects will be recruited, who fulfill all of the following criteria:

1. Good general health
2. Requesting abortion and eligible for medical abortion
3. From 17 to 24 gestational weeks verified with ultrasound scanning
4. Have no risk factor for cardiovascular diseases

result

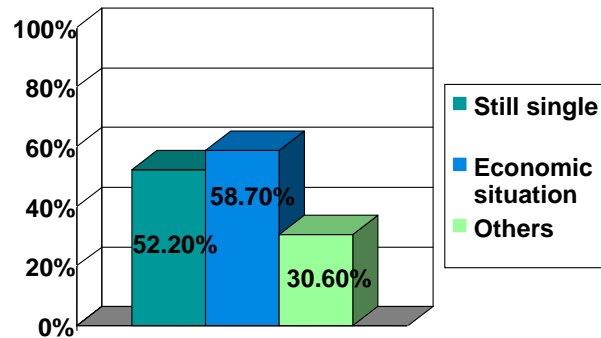
1. Patient characteristics

Women from aged 18 to 43 admitted to study. More than a half of them is single. 19.1% is students. 12.6% has 1 to 5 prior abortions. A small number of them has prior gynecological problems. And surprisingly none of them use contraceptives during intercourse.

	Number	%
Age (mean ±SD)	25.5 ± 6.4	
Marital status		
Single	120	52.2
Married/others	110	47.8
Occupation		
Students	44	19.1
Others	186	80.9
Prior abortion	29	12.6
Prior gynecological problems	3	1.3
Contraceptive use	0	0

result

2. Reasons of termination of pregnancy

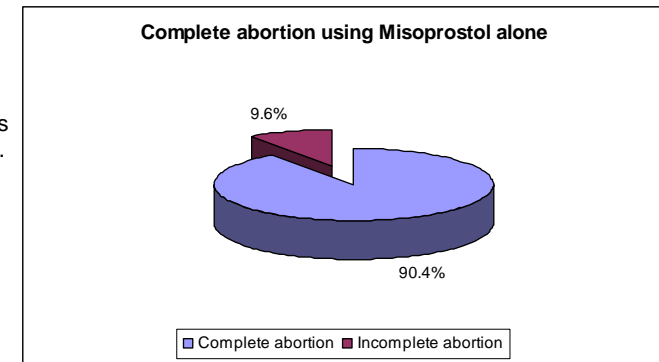


result

3. Outcomes

No case reported having complications after taking regimen.

Only one case reported having a vomit after taking 3 tablet regimen



result

5. Regimen by the the waiting time (from taking MSP to abortion)

Doses	Before 24 hours	24-48 hours	48-72 hours
2 tablets	1	-	-
3 tablets	52	28	1
4 tablets	4	13	-
5 tablets	1	13	-
6 tablets	2	52	5
7 tablets	-	-	1
8 tablets	-	-	3
9 tablets	-	-	25
12 tablets	-	-	3

Abortion time

With this treatment

- 26.1% of woman will abort within 24 hours
- 72.2% within 48 hours
- 88.7% within 72 hours

result

5. Regimen by the the length of hospitalised

Doses	1-2 days	3-5 days	More than 5 days
2 tablets	1	-	-
3 tablets	55	26	-
4 tablets	5	12	-
5 tablets	3	11	-
6 tablets	6	51	-
7 tablets	-	1	-
8 tablets	-	3	-
9 tablets	-	25	-
12 tablets	-	1	2

Complications

- Failed abortion: 9.4%
- Hemorrhage: 4 cases, no need blood transfusion
- No uterine rupture

Conclusion and recommendation

☞ **Misoprostol alone is recommended for medical abortion from 17 to 24 gestational week because of the high successful rate (90.4%), high acceptability by patients and, very low rate of side-effects and complications (Only one case reported vomiting after treatment).**

☞ **3 tablets, 6 tablets and 9 tablets regimen are the most common uses (81, 59 and 25 cases respectively)**

Conclusion and recommendation

Misoprostol 200mcg, vaginally, every 6 hours, up to 3 times a day

☞ **26.1% will abort within 24 hours**

☞ **72.2% within 48 hours**

☞ **88.7% within 72 hours**