



Increase Access to Medical Abortion Ukrainian Experience



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Ukraine



Population size - 46 061 403 (1.05.2009)

Female population - about 54%.

Women of reproductive age- 12 238 397 (2007)

Urban population - 69%.

Administrative territories: 24 regions, Autonomous Republic of Crimea and Cities Kiev and Sevastopol





Ukraine, 2009 (one of the most liberal legislations in the world).

Regulation of the Cabinet of Ministers No 144 “On Realization of Article 281 of Civil Code of Ukraine (Перелік підстав, за наявності яких можливе штучне переривання вагітності, строк якої становить від 12 до 22 тижнів)”

Order M3 of Ukraine of 20.07.2006 No 508 «Про затвердження Інструкції про порядок проведення операції штучного переривання вагітності, форм первинної облікової документації та інструкцій щодо їх заповнення»

Order M3 of Ukraine of 29.12.2006 No 782 Clinic Protocol “Medical Abortion”.



Methods for Termination of Pregnancy

Official statistics counts 3 methods for termination of pregnancy:

Method of curettage of cavity of uterus

Vacuum – aspiration

Medical Abortion.

According to official data of the Ministry of Health of Ukraine of 2007, in the event of desire of the women within the term until 12 weeks of pregnancy method of curettage of cavity of uterus is used 55% of cases. Method of vacuum – aspiration is used in 44% and medical abortion- in 1%.





Ukraine Statistics on Abortions.

year	1991	2007
Total number of abortions	957 022	210 454
Per 1000 women of reproductive age	77,6	17,2
Within the term of 12 weeks	88,5%	71%
Spontaneous*	6,8%	6,8%
Неуточненные	3,5%	18,6%
According to medical and social indications	1% (12-28 недель)	2,8% (12-22 недели)
Criminal	0,2%	0,006%

* Abortions without criminal interfere, if the women was not registered at maternity consulting centre



Medical Abortion in Ukraine

- Method was officially permitted in 2001
- Following schemes of intake of the medicine are used:
Используется 600mg Mifepristone + 400µg per os
Misoprostol up to 49 days from first day of the last
menstruation
- Since 2007 recommended dose of Mifepristone is 200 mg
- High cost and low awareness made difficult access on
medical abortion for many women



Introductory Researches

Terms of conducting: November 2005 – February 2007

Involvement: 3 bases(350 women)

1. National Academy for Post Diploma Education, Kiev (n=100)
2. Central Military Hospital, Kiev (n=100)
3. Odessa Regional Hospital, Odessa (n=150)

Protocol :

- ≤ 56 days since first day of the last menstruation (LMP)
- 200 mg Mifepristone + 400 mg Misoprostol orally, at home and in the clinic, within 48 hours
- Women come back to clinic in 2 weeks after the procedure, for control examination



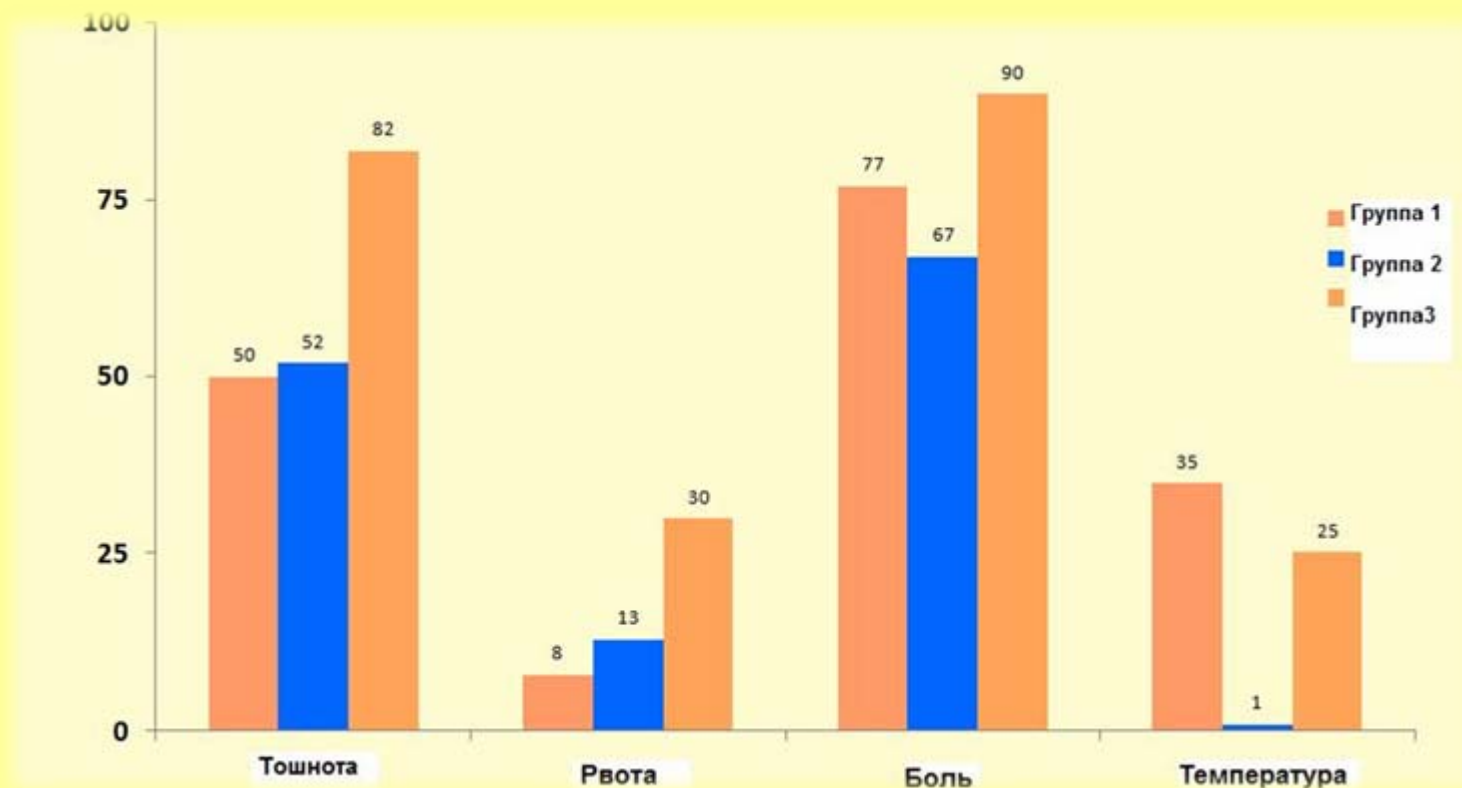
Effectiveness (%)	Group 1 (n=100)	Group 2 (n=100)	Group 3 (n=150)	Total (N=350)
<i>Success</i>	<i>99.0</i>	<i>94.9</i>	<i>97.3</i>	<i>97.1</i>
Surgical intervention				
Ongoing pregnancy	0.0	3.1	0.0	0.9
Incomplete abortion	1.0	1.0	1.3	1.1
Medical indications	0.0	0.0	1.4	0.6
Request of woman	0.0	1.0	0.0	0.3

* There is no statistical difference between the groups

¹ Women failed to show up for examination (n=4) were excluded from analyses

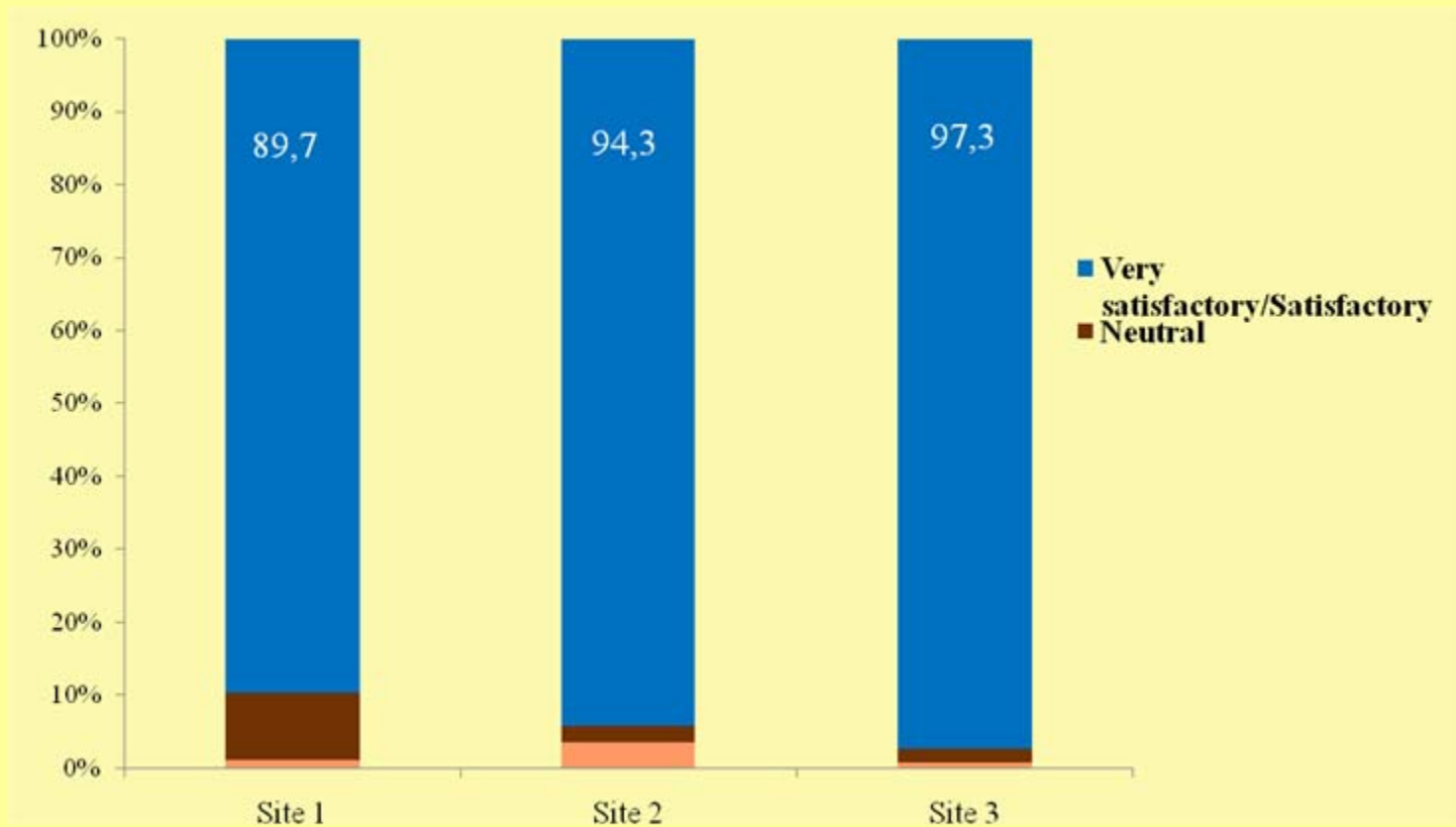
² Events of complete abortion without surgical intervention were considered as successful

Side Effects (%)



* Most of complains on nausea, vomiting and pain are in group 3; most complains on temperature are in groups 1 and 3 compared to group 2

Satisfaction (%)



* Women, failed in show up for examination (n=6) were excluded from the analyses.



Main Results

Are submitted to National Conference of Obstetricians – Gynecologists of all regions of Ukraine in Yalta (April 2007)
Scheme of intake 200 mg mife + 400 μ g oral miso included by the order of the Ministry of Healthcare of Ukraine into National protocol for termination of pregnancy

Project shall be implemented in Autonomous Republic of Crimea and Region of Odessa



Broadening of research

Scheme: 200 mg Mifepristone + 400 mcg Misoprostol
sublingually up to 63 days from the day of last menstruation
Terms of conducting: December 2007 – January 2009.

5 groups (n=450):

- Regional maternal hospital of Odessa (n=100)
- Razdelyanski Rayon, Odessa region (n=50)
- Kominternovski Rayon, Odessa region (n=50)
- Simferopol, Autonomous republic of Crimea (n=180)
- Kiev (n=70)

Difficulties in conducting in Odessa region
Preliminary data on 434 cases



Effectiveness, %	Group 1 (n=100)	Group 2 (n=50)	Group 3 (n=50)	Group 4 (n=179)	Group 5 (n=55)	Total (N=434)
<i>Success</i>	98.0	98.0	100.0	100.0	92.7	98.4
Surgical intervention						
Ongoing pregnancy	2.0	2.0	--	--	--	0.7
Incomplete abortion	--	--	--	--	--	--
Medical indications	--	--	--	--	1.8	0.2
Request of the women	--	--	--	--	5.5	0.7

¹ Women failed to show up for examination (n=2) were excluded from analyses

² Events of complete abortion without surgical intervention were considered as successful



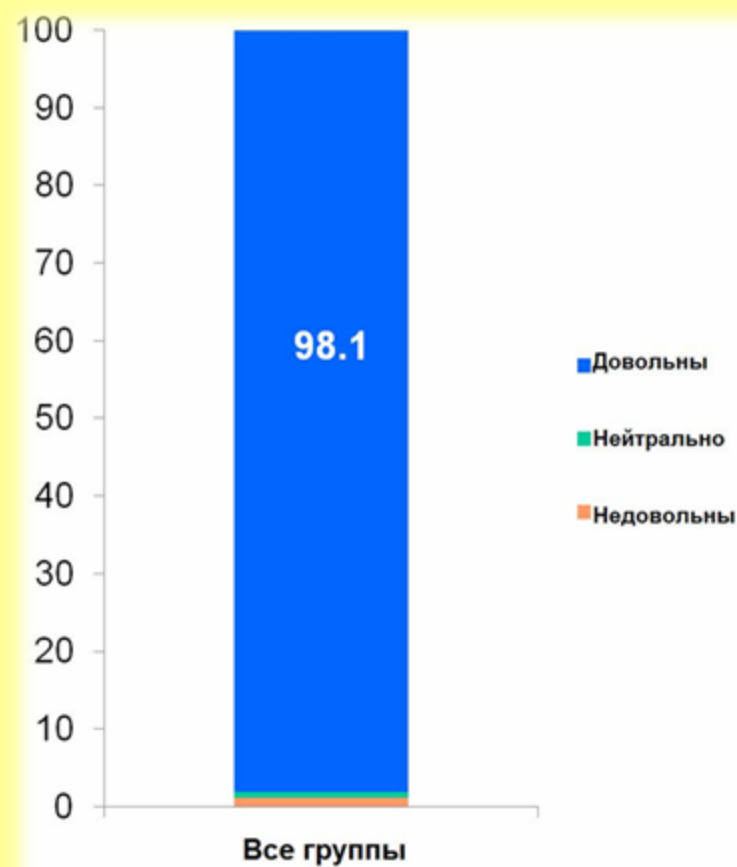
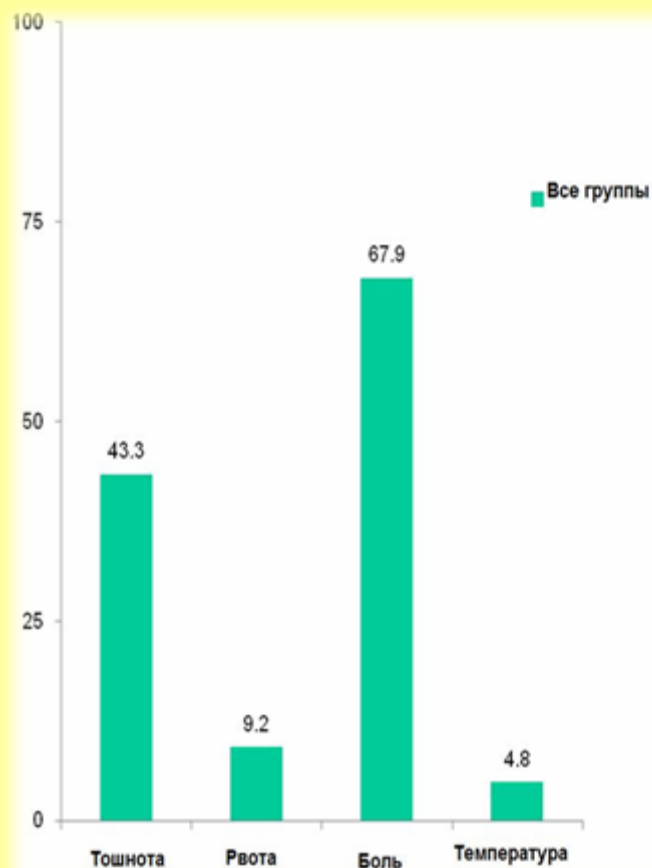
Effectiveness (%): 57-63 days from last menstruation

	Group 1 (n=100)	Group 2 (n=50)	Group 3 (n=50)	Group 4 (n=179)	Group 5 (n=55)	Total (N=434)
<i>Success</i>	100.0	100.0	100.0	100.0	92.3	97.8
Surgical intervention						
Ongoing pregnancy	--	--	--	--	--	--
Incomplete abortion	--	--	--	--	--	--
Request of woman	--	--	--	--	7.7	2.2

¹ Women failed to show up for examination (n=2) were excluded from anal

² Events of complete abortion without surgical intervention were considered as successful

Side effects and level of satisfaction (%)



Thank You For Attention!

