

# Second trimester abortion methods in Mongolia

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## BACK GROUND - Mongolia



- Location : center of Asia
- Population : 2.6 million (2005)
- 21 Aimags
- 336 Soums
- 1700 bags ( smallest adm/unit)

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## Induced abortion –Legal environment

- Induced abortions by medical indication have been performed since 1940, mainly to preserve the mother's health

- In 1989, amendments to the Health Protection Law:

***“A women has the right to decide on her motherhood”***

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## Induced abortion –Legal environment

Legal context of abortion:

**Article 36**, Health Law of Mongolia (1998)

- 36.1. Abortion should be performed only in the facilities that meet the requirements and be performed by medical doctors who have been certified.

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## A Strategic Assessment

- In 2003, a strategic assessment of policy, program and research issues related to abortion and contraceptive services were done.

### Strategic Questions:

- How to improve the quality of abortion services?
- How to reduce the demand for abortion services?

- Development of background paper
- Assessment Methodology:
  - interviews, observations of services & FGD

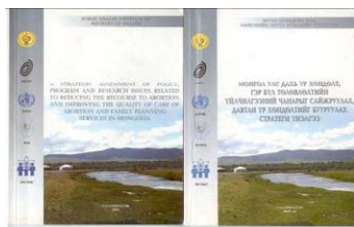
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## The 2<sup>nd</sup> phase of the strategic approach

- Registration of mifepristone and misoprostol
- Adopted clinical guidelines for abortion (Ipas)
- Introduction of medical abortion (training, practice and counseling)
- MVA / medical abortion – Systematic training of OBGYN with assistance from WHO experts.
- Comprehensive abortion care (standard)
  - Health Care Technology- Comprehensive Abortion Care MNS 5488:2005*

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## Publications related to abortion



Report of the Strategic Assessment

Comprehensive abortion care - guidelines



National Standard



Post abortion counselling

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## Mongolian national standard

### Health Care Technology- Comprehensive Abortion Care

- MNS 5488:2005
- This standard is valid from 1<sup>st</sup> Oct, 2005.
- Normative requirements of this standard must be followed in all settings in Mongolia.
- Dissemination workshop: 2006

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## Comprehensive abortion care (Standard)

### This standard aims :

- to reduce number of abortions and its complications through the provision of comprehensive abortion care package in safe environment by specialist physicians.

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## Comprehensive abortion care

### Classification

- Early – up to 12 weeks
  - Medical conditions
  - At the request of women
- Late – 13-22 weeks of gestation by Health Minister's order

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## Health Minister order. 56

Late abortion is only legally allowed next criteria:

- If it is determined that the pregnancy threatens the life and/or health of the mother and/or fetus.
- At the requests of women if she is aged less than 16 and a woman over 45 years old
- If the woman has a mental disorder
- If it is determined that the pregnancy is the result of incest
- If the pregnancy is due to rape

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## Comprehensive abortion care

- **Two methods of second trimester abortion:**
  - Administration of 2.4% Ethacridine lactat solution through the abdominal wall into the *amniotic fluid* (19-22 weeks of gestation)
- Termination of pregnancy using mifepristone and misoprostol in combination (13-22 weeks of gestation)

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## Second trimester Medical abortion method

- 200 mg mifepristone orally  
After 36-48 hours
- 800 µg Misoprostol vaginally + 400 µg misoprostol orally every 3 hrs 4 times
- All women undergoing medical abortion should stay in hospital.

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## Clinical observation on medical abortion

### Objective:

- To evaluate the clinical progress, side effects and to estimate the cost of medicine

### Settings :

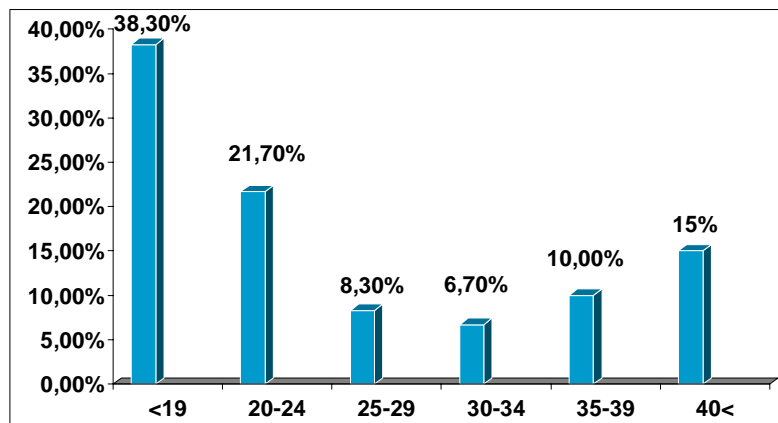
- Obstetric ward, OBGYN hospital, MCHRC
- The first half of 2006

### Subjects :

- 60 women undergoing for medical abortion during second trimester.

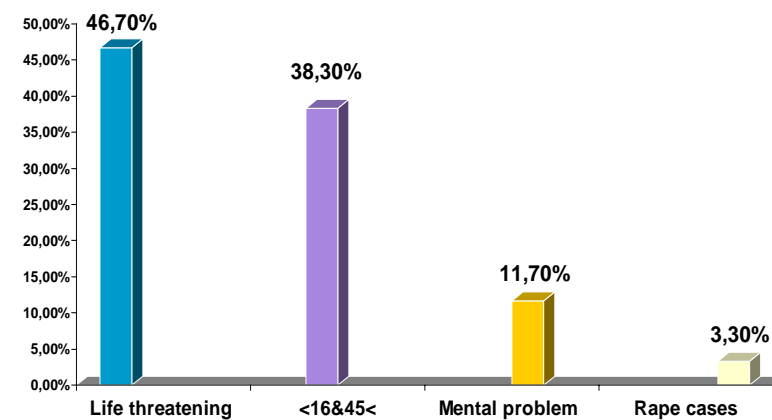
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## Results (by age group)



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## Results (by causes)



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## Results (*cont'd*)

- The mean duration of procedure after first dosage of misoprostol:  $10.58 \pm 7.95$  hrs
- An average bleeding:  $120 \pm 50.8$  ml during the procedure
- Total dosage of misoprostol:  $1373,3 \pm 527,8$   $\mu$ g
- The average cost of medicine (mifepristone and misoprostol) :  $28 \pm 6$  USD

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## Results (Cont'd)

- Complications:
  - In 28.3% cases curettage was done due to:
    - Retained products of conception
- Adverse / side effects:
  - Fever - 6 cases
  - Vomiting - 1 case

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## Conclusions

- Medical abortion in second trimester were with less complications and side effects.
- This method is relatively expensive compared to old procedure but more safer.
- Therefore, we are recommending this procedure to use routinely in all settings, where abortion care is available by standard.

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