

# Family planning methods in the Republic of Moldova in relation to unintended pregnancy

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<b>Registration date</b> 11/05/2020	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 11/05/2020	<b>Condition category</b> Pregnancy and Childbirth	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

Since the number of women using modern methods of contraception is suboptimal, unintended pregnancies remain a persistent problem in the Republic of Moldova. However, the number of abortions in the Republic of Moldova decreased from 14,511 in 2013 to 10,830 in 2018. There are no data in the Republic of Moldova that state how many pregnancies that finalise with delivery are planned and how many of them were unintended. The aim of the study is to assess the level of knowledge, use and uptake of using family planning methods in women evaluated in the postpartum period.

### Who can participate?

Women over 18 years who gave birth within the last 24-72 hours

### What does the study involve?

The study involves a conversation with the investigator based on a survey that includes 58 questions about the medical history of the patient, questions about their knowledge about family planning methods, contraceptive methods used up to the present pregnancy, how the pregnancy occurred (planned or not), reasons for not using a contraceptive method if they did not plan a pregnancy and the prospect of using modern contraceptives after giving birth in future, after discharge from hospital.

### What are the possible benefits and risks of participating?

There were no harms or risks for the participants of the study. No information that could identify the subject is collected. No laboratory investigations are done. The medical chart with personal and private data is not used. All information is provided on a voluntary basis. As a general benefit the conversation with the participant during the survey process aims to improve their knowledge of family planning methods and also helps women think about the possibility of using family planning methods in future, if they did not do so before, it raises some questions about their awareness, maybe points out some gaps that they could work on in the future.

### Where is the study run from?

Nicolae Testemițanu State University of Medicine and Pharmacy (Moldova)

When is the study starting and how long is it expected to run for?

February 2019 to December 2019

Who is funding the study?

Nicolae Testemitanu State University of Medicine and Pharmacy (Moldova)

Who is the main contact?

Dr Irina Sagaidac

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## Contact information

### Type(s)

Public

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## Additional identifiers

EudraCT/CTIS number

Nil known

IRAS number

ClinicalTrials.gov number

Nil known

## Secondary identifying numbers

1

# Study information

## Scientific Title

Contraception use among women in the Republic of Moldova planned vs unplanned pregnancies

## Study objectives

This study aimed to assess the level of knowledge, use and uptake of using family planning methods in women evaluated in the postpartum period.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Approved 11/02/2019, Ethics Review Committee of Hospital no.1, Chisinau (Institutia Medico-Sanitara Publica, Spitalul Clinic Municipal Nr.1, MD 2001, mun. Chisinau str. Melestiu, 20, Moldova; +373 (0)270479; scm1@ms.md): ref: not applicable

## Study design

Observational cross-sectional study

## Primary study design

Observational

## Secondary study design

Cross sectional study

## Study setting(s)

Hospital

## Study type(s)

Other

## Participant information sheet

Not available in web format, please use contact details to request a participant information sheet

## Health condition(s) or problem(s) studied

Contraception methods

## Interventions

Women in the postpartum period were evaluated. The cases were divided into two groups - group 1, in which the pregnancy was unplanned but was accepted psychologically and women gave birth, and group 2 which covered the women who consciously did not use contraception because they were planning a pregnancy.

Women answered a list of 58 questions about the contraception methods they know and used before this pregnancy, whether the pregnancy was intended or not, and perspective on using modern contraception methods after the current birth.

**Intervention Type**

Other

**Primary outcome measure**

1. Number of planned and unplanned pregnancies
  2. Contraception methods used
- Both assessed using a questionnaire at a single timepoint

**Secondary outcome measures**

1. Knowledge about family planning methods
  2. Attitudes to family planning methods
  3. Perspective on using contraceptive methods postpartum
  4. Perspective on an unwanted pregnancy in the future
- All assessed using a questionnaire at a single timepoint

**Overall study start date**

01/02/2019

**Completion date**

31/12/2019

## Eligibility

**Key inclusion criteria**

Women in the postpartum period of 24-72 hours, who gave informed consent

**Participant type(s)**

Healthy volunteer

**Age group**

Adult

**Sex**

Female

**Target number of participants**

600

**Total final enrolment**

600

**Key exclusion criteria**

Cases where pregnancy occurred after a period of infertility

**Date of first enrolment**

01/03/2019

**Date of final enrolment**

31/12/2019

## **Locations**

**Countries of recruitment**

Moldova

**Study participating centre****Hospital no. 1**

str. Melestiu, 20

Chisinau

Moldova

MD2001

## **Sponsor information**

**Organisation**

Nicolae Testemițanu State University of Medicine and Pharmacy

**Sponsor details**

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**Sponsor type**

University/education

**Website**

<http://usmf.md/en/>

**ROR**

<https://ror.org/03xww6m08>

## **Funder(s)**

**Funder type**

University/education

**Funder Name**

Nicolae Testemițanu State University of Medicine and Pharmacy

## **Results and Publications**

**Publication and dissemination plan**

The results of the study are planned to be published in the BMC journal Reproductive Health.

**Intention to publish date**

01/09/2020

**Individual participant data (IPD) sharing plan**

The datasets used and/or analyzed during the current study are available upon request from Maria Cemortan (maria.cemortan@usmf.md). Data files with fully anonymized data, both raw data and subscales for each measure along with some basic demographic data will be available from January 2021 for at least 5 years (indefinitely if it is possible to formally archive). Data will be made available to researchers who have ethical approval to conduct studies that are in line with the original aims of the study. Consent from participants has been given for this, and none of the data will be identifiable.

**IPD sharing plan summary**

Available on request