

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

Submission date 04/05/2020	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 11/05/2020	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 11/05/2020	Condition category 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 Testemițanu State University of Medicine and Pharmacy (Moldova)

Who is the main contact?

Dr Irina Sagaidac

irina.sagaidac@usmf.md

Contact information

Type(s)

Public

Contact name

Mrs Cemortan Maria

Contact details

Department of Obstetrics and Gynecology

Nicolae Testemitanu State University of Medicine and Pharmacy

Chisinau

Moldova

MD 2004

+373 (0)69672425

maria.cemortan@usmf.md

Type(s)

Scientific

Contact name

Dr Irina Sagaidac

Contact details

Department of Obstetrics and Gynecology

Nicolae Testemitanu State University of Medicine and Pharmacy

Chisinau

Moldova

MD 2004

+373 (0)69340259

irina.sagaidac@usmf.md

Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

ClinicalTrials.gov (NCT)

Nil known

Protocol serial number

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

Study type(s)

Other

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(s)

1. Number of planned and unplanned pregnancies
2. Contraception methods used

Both assessed using a questionnaire at a single timepoint

Key secondary outcome(s)

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

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

Healthy volunteers allowed

No

Age group

Adult

Sex

Female

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

ROR

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

Funder(s)

Funder type

University/education

Funder Name

Nicolae Testemițanu State University of Medicine and Pharmacy

Results and Publications

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes