TECHNICAL PASSPORT
AND OPERATING MANUAL OF THE DEVICE "VESTA»

1.PURPOSE OF THE DEVICE

The device "Vesta" is used for rapid one-step determination of physiological state of women by saliva. The device is designed for individual use in order to:

- determinate egg formation in the female menstrual cycle and ovulation period;
- detect specific female diseases;
- determine the reduction of physiological properties of the organism to a critical state.

Areas of application: medical and preventive institutions of reproductive or gynaecological profile, individual use of women of reproductive age for family planning and diagnosis of diseases.

The principle of operation of the device is based on the phenomenon of changes in the concentration of alkali metal cations in saliva during the menstrual cycle. The device is individually adjusted to the concentration corresponding to the absence of ovulation (baseline) and, based on changes in the current level of the relative baseline, gives a forecast of the onset of ovulation.

2.TECHNICAL PARAMETERS

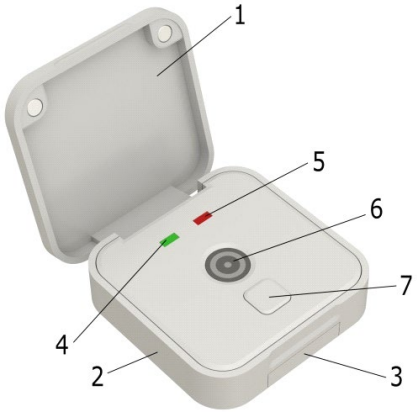
2.1. The device is powered from the 1st galvanic cell CR2032 voltage 3V.
2.2. Current consumption in standby mode-no more than 3..5mka, in operating mode-no more than 8mA.
2.3. Safety protection class-product with internal power supply, type B.
2.4. The average service life from a single battery in 1 - 3 daily measurements is 1 - 2 years.
2.5. Overall dimensions of the product-no more than 61h61h21mm.
2.6. Weight-no more than 50g.

3.COMPLETENESS

3.1. "Vesta" device TУ9442-001-98943029 - 1 pc.
3.2. TC 64-1-462-79 blade - 1 pc.
3.3. Passport - 1 pc.
3.4. Package - 1 pc.

4.PREPARING FOR OPERATION

4.1. The external view of the device with the housing cover open is shown in Fig.:



The device consists of a protective cover (pos.1) covering the panel of the device, a housing (pos.2) and a battery compartment cover (pos.3). The panel has green (4) and red (5) indicators, sensor (6) and control button (7).

4.2. Open the cover (1) of the device with a slight force. Make sure that there are no foreign particles or contaminants on the sensor surface (6). If necessary, wipe it with a soft cloth slightly wetted with 3% hydrogen peroxide solution.

4.3. The results of rapid diagnosis can be negatively affected, i.e. food residues (especially acute) on teeth, smoking and alcohol consumption immediately before analysis can give unreliable results,, so it is

recommended to abandon food, smoking and alcohol consumption 2 hours before testing. Inflammation of the mouth and throat (angina, etc.) and some other diseases may also distort the test result.

4.4. Individual application of the instrument is recommended.

4.5. It is necessary to protect the device from dust, moisture and high temperatures.

4.6. In case of non-compliance with the above recommendations, the manufacturer shall not be responsible for incorrect operation of the instrument.

5.OPERATING PROCEDURE

Apply saliva to the sensor and make sure there are no air bubbles in it. Saliva should completely cover the sensor.

Press the control button for a short time. If the red indicator turns on for a short time after pressing, saliva is not enough, or air bubbles are not completely removed. If the green indicator is turned on for a short time, saliva is sufficient and the device makes a measurement.

When the measurement is finished, the green or red indicator is turned on for a longer period, depending on the result. The evaluation of the measurement results is described in paragraphs 7 and 8.

If the red and green lights are turned on at the same time after pressing the button, the power supply must be replaced.

6.SETUP OF THE DEVICE

6.1. This procedure is performed between 2 and 5 days from the beginning of menstruation. For this purpose, after application of saliva on the sensor, press the control button and keep it pressed for 4.. 6 seconds until the moment when the green indicator flashes (the device determines that it is not an accidental pressing and it is really necessary to reconfigure) and release. Alternating activation of green and red indicators after release of the button - confirms completion of recording of new data in the device memory.

6.2. Once configured, the device becomes individual and can be used for testing.

7.ASSESSMENT OF MEASUREMENT RESULTS

If the green indicator is turned on, there is no ovulation and conception is unlikely. If the red indicator is turned on, the ovulation process takes place and conception is very likely.

It is recommended to 1 measurements once a day (in the morning, immediately after waking up). If possible at the same time.

8.ADDITIONAL FUNCTIONS

8.1. The device allows to control and prevent the development of dangerous diseases, which appear as a result of physical or mental overload of the human body, action of unfavourable external factors or unbalanced nutrition.

8.2. If the red indicator turns on 5 times during the measurement, the device records a decrease in the functional state of human organs and systems and warns that it is better to give up sex at the moment. This indicates a decrease in potassium levels in the body. If this inclusion of the red indicator remains stable for several days during testing, it is desirable to consult a doctor about the disorder of metabolic processes in the body.

8.3. Turning on the red indicator may also occur when the sensor is contaminated before testing begins. Therefore, make sure that the sensor is clean, and only then start testing.

9.WORK COMPLETION

9.1. After completion of express diagnostics carefully wipe the sensor and remove saliva residues from the device surface.

9.2. Close the device cover and keep it dry until the next use.

10.MANUFACTURER'S GUARANTEES

10.1. The manufacturer guarantees compliance of the device with technical characteristics under conditions of transportation, storage and operation specified by this certificate.

10.2. Warranty service life - 18 months from the date of sale of the device.

10.3. Warranty shelf life - 1 year from the moment of acceptance of the device by technical control of the manufacturer.

10.4. During the warranty period, repair of the device is carried out at the expense of the manufacturer.

10.5. At the end of the warranty period or during the warranty period, if the rules of transportation, storage or operation have been violated, repair of the device is carried out at the expense of the consumer.

10.6. The consumer forfeits the right to warranty repair if the device has been opened by the user or if the device has external defects.