



**Health Software Product KOLIBRI<sup>®</sup>**

**HSP KOLIBRI<sup>®</sup>**

# Instruction for use

## (IFU)



**Read this IFU carefully before use.**

*The present IFU contains the description of the Health Software Product, and operating instructions.*

*The operating manual, including all its parts, is protected by copyright. Any use of the materials from this manual that violates the requirements of the current copyright law without the written permission of the manufacturer is forbidden.*

*This provision concerns, copying, translating, scanning, placing and manipulation, etc both in electronic systems and with printed versions.*

User manual according to ANNEX I, section 23 and Commission Regulation (EU) No 207/2012

**Note:**

**HA (heart activity) - the potential difference of the electric field generated by the heart muscle, measured at several points on the surface of the human body.**

**HSP – Health software product**

Standards:

IEC 62304:2006/AMD 1:2015 (IEC 62304:20015 ed.1.1) Medical device software -Software life cycle processes -Amendment 1 (next IEC 62304)

IEC 82304-1:2016 Health Software-Part 1: General requirements for product safety  
MEDDEV 2.1/6 July 2016 Guidelines on the qualification and classification of standard

alone software used in healthcare within the regulatory framework of medical devices.

REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices.

Council Directive 93/42/EEC concerning medical devices.

<b>CONTENT</b>	<b>3</b>
A. Classification of the HSP KOLIBRI	6
1. Start of the HSP KOLIBRI	8
1.1. Authorization and authentication	8
1.2. Registration	9
1.3. Authorization	13
1.4. Reset your password.	14
2. Activate an account in the app.	18
2.1. Activate an account with the activation key.	18
2.2. Activate an account by purchasing a plan.	21
3. Navigation - a description of the personal account menu.	23
3.1. Main menu.	23
3.2. Notification and message center.	24
4. Main screen of the HSP KOLIBRI.	27
5. Texts.	28
5.1. Latest test	28
5.2. Test archive.	35
6. Graphs, statistics, results.	37
6.1. Parameters.	37
6.2. Electrocardiogram	41
7. Balance.	44
7.1. Balance replenishment.	44
7.2. Balance history.	46
8. Invoices system.	47
8.1. Invoices.	47
8.2. Invoice.	50
9. Plan system.	54
9.1. Tariff plans.	54
9.2. Personal tariff plan.	54
9.3. Corporate tariff plans.	57
9.4. Purchase of the tariff plan.	59
9.5. Set up a tariff plan.	63
10. Email settings.	67
11. Setup of the HSP KOLIBRI.	68
11.1. E-mail setup.	68
11.2. Passwords setup.	71
11.3. Interface settings of the HSP KOLIBRI.	73
11.4. Deleting of the account in the HSP KOLIBRI.	75
12. Setting up a user account in the HSP KOLIBRI.	76
12.1. Setting up of personal data of a user in the HSP KOLIBRI.	77



12.2. Setting up contact information in the HSP KOLIBRI.	78
12.3. Setting up of medical data configuration in the HSP KOLIBRI.	78
12.4. Setting up of medical data configuration (bad habits).	80
12.5. Editing and setting up of medical data configuration.	80
13. Remote doctor.	82
13.1 Connection to a remote doctor's account using a QR-code.	82
13.2 Connection to a remote doctor's account using an email.	83
13.3 Disconnection from a remote doctor's account.	85
14. Error messages or inability to perform actions in the HSP KOLIBRI.	87
14.1 Error messages when exchanging data with the HSP KOLIBRI server.	87
14.2 Error messages when using the HSP KOLIBRI.	88
15. Calendar.	93
15.1 Filter «Calendar».	93
16. Doctor's account. Corporate tariff plans.	97
16.3.1 Main menu (Doctor's account).	97
16.3.2 Messages (Doctor's account).	100
16.4 Main screen (Doctor's account).	102
16.5 Patient's menu (Doctor's account).	103
16.5.1 List of patients (Doctor's account).	103
16.5.6 Statistics (Doctor's account).	105
16.5.7 Medical card of the patient (Doctor's account).	110
16.5.8 Creation of a medical card of a patient (Doctor's account).	111
16.5.8.1 Creation of patient's medical ID – Information (Doctor's account).	112
16.5.8.1.1 Creation of patient's medical ID – Personal information (Doctor's account).	112
16.5.8.1.2 Creation of patient's medical ID – Contacts (Doctor's account).	113
16.5.8.1.3 Creation of patient's medical ID – Medical information (Doctor's account).	114
16.5.8.1.4 Creation of patient's medical ID – Bad habits (Doctor's account).	115
16.5.8.2 Creation of patient's medical ID – Create patient (Doctor's account).	116
16.5.9 Editing of patient's medical ID – Edit self patient (Doctor's account).	117
16.5.9.1 Editing of patient's medical ID – Information (Doctor's account).	117
16.5.9.2 Editing of patient's medical ID – Diseases (Doctor's account).	118
16.5.9.3 Editing of patient's medical ID – Notes (Doctor's account).	121
16.5.10 Removal of patient's medical ID – Delete patient (Doctor's account).	122
16.6 Remote patients (Doctor's account).	124
16.6.1 Remote patients list (Doctor's account).	124
16.6.2 Latest test (Doctor's account).	125
16.6.3 Test archive (Doctor's account).	126
16.6.4 Parameters (Doctor's account).	126
16.6.5 ECG (Doctor's account).	126
16.6.6 Statistics (Doctor's account).	126

16.6.7 Medical ID (Doctor's account).	126
16.6.8 Add remote patient (Doctor's account).	127
16.6.9 Edit remote patient (Doctor's account).	131
16.6.10 Delete remote patient (Doctor's account).	131
16.7 Staff (Doctor's account).	132
16.7.1 Staff list (Doctor's account).	132
16.7.2 Add staff (Doctor's account).	133
16.7.3 Personal information about the staff (Doctor's account).	134
16.7.4 Edit staff (Doctor's account).	136
16.7.5 Access to patient accounts (Doctor's account).	137
16.7.6 Delete Staff (Doctor's account).	139
16.8 Balance (Doctor's account).	140
16.9 Invoice system (Doctor's account).	140
16.9.1 Invoices (Doctor's account).	140
16.9.2 Invoice (Doctor's account).	140
16.10 Plans (Doctor's account).	140
16.11 System settings (Doctor's account).	140
16.12 User profile (Doctor's account).	140
16.12.1 Personal information of a user (Doctor's account).	141
16.13 Error messages generated in the user's account (Doctor's account).	143
17. Staff (Staff's account).	146
17.1 Entry in the HSP KOLIBRI - Staff (Staff account).	146
17.2 Profile (Staff account).	148
17.3 Overview (Staff account).	150
17.4 Self-patients (Staff account).	151
18 Support (All accounts).	153

## A. Classification of the HSP KOLIBRI

The main purpose of the HSP KOLIBRI is to determine the functional, metabolic and hemodynamic parameters of the human body on the basis of data processing of cardiovascular activity, electrical impedance, thermography, photoplethysmography, galvanic skin reaction, ultrasound, their reflection and storage. A computer program allows you to order services, perform testing and process data, provide the user with necessary health information, and provides a user relationship (such as doctor and patient, medical facility and patient, etc.).

### **93/42 EEC Article 1 Chapter 2a) and MEDDEV 2.1/6 July 2016:**

For the purposes of this Directive, the following definitions shall apply:

- (a) 'medical device' means any instrument, apparatus, appliance, software, material or another article, whether used alone or in combination, including the software intended by its manufacturer to be used specifically for diagnostic and/or therapeutic purposes and necessary for its proper application, intended by the manufacturer to be used for human beings for the purpose of:  
— diagnosis, prevention, monitoring, treatment or alleviation of disease.

### **MDR 2017/745 Article 2 Chapter 1:**

For the purposes of this Regulation, the following definitions apply: (1) ‘medical device’ means any instrument, apparatus, appliance, software, implant, reagent, material or other article intended by the manufacturer to be used, alone or in combination, for human beings for one or more of the following specific medical purposes:

— diagnosis, prevention, monitoring, prediction, prognosis, treatment or alleviation of disease.

**Chapter 4:**

an ‘active device’ means any device, the operation of which depends on a source of energy other than that generated by the human body for that purpose, or by gravity, and which acts by changing the density of or converting that energy.

Software shall also be deemed to be an active device;

**MEDDEV 2.1/6 July 2016:**

**3.1.1 Software intended for diagnosis or therapy**

According to rule 10 of Annex IX to Directive 93/42/EEC, active devices intended for diagnosis are in Class IIa:

Software for the presentation of the heart rate or other physiological parameters during routine checkups (Class IIa);

**ANNEX I**

**d.1) Telemedicine Systems.**

Telemedicine Systems are intended to allow monitoring and/or delivery of healthcare to patients at locations remote from where the healthcare professional is located.

**e) Web systems for monitoring of data.**

A web system for the monitoring of clinical data typically interacts with a medical device (e.g. implanted devices or homecare devices) and uses a transmitter to send the information over the internet, a landline telephone or a mobile network.

The information is collected and stored on a web server usually run by an external party who is generally the manufacturer of the system. The information can be reached by authorized health professionals or the patient through an internet connection.

**Conclusion:**

HSP KOLIBRI is an active medical device.

HSP KOLIBRI are active medical device-related telemedicine systems with web monitoring of data.

**HSP KOLIBRI - class A**

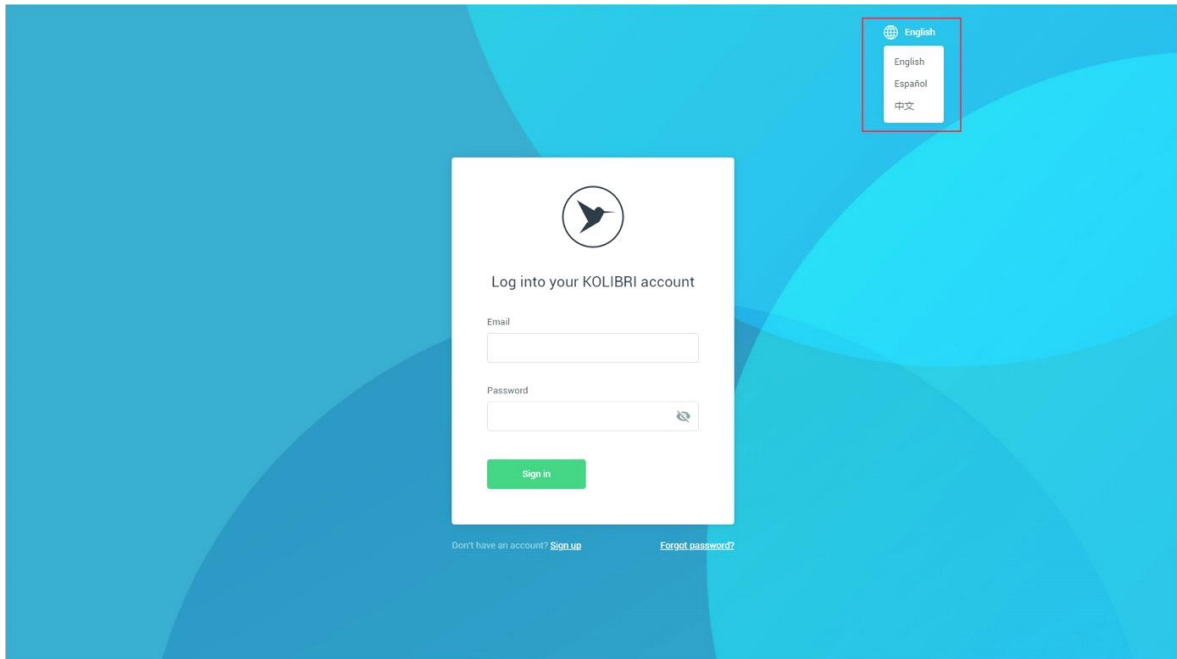
## 1. START OF THE HSP KOLIBRI

### 1.1. Authorization and authentication.

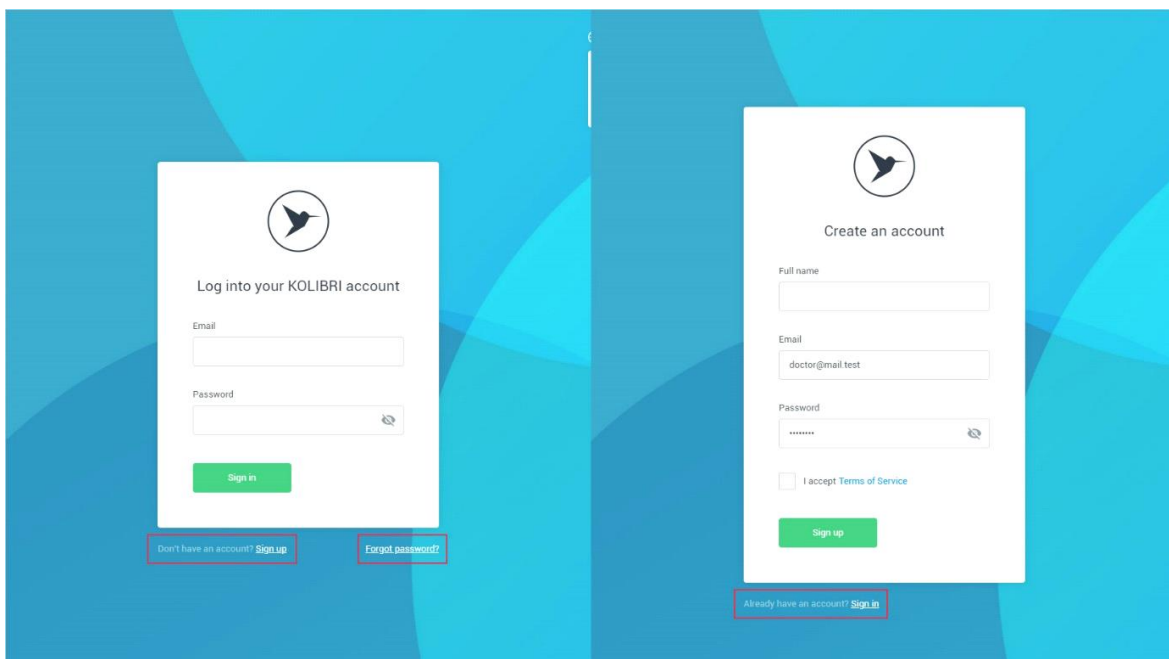
The authorization and authentication page for the app. KOLIBRI is located at:

<https://kolibri.one/auth>.

When downloaded, the page's display language is automatically determined and depends on the user's region of residence. The default language is English. You can change the language of the page using the language selection panel:



The links for switching between the "Login", "Registration" and "Password regeneration" (password reset) tabs are in the active form:

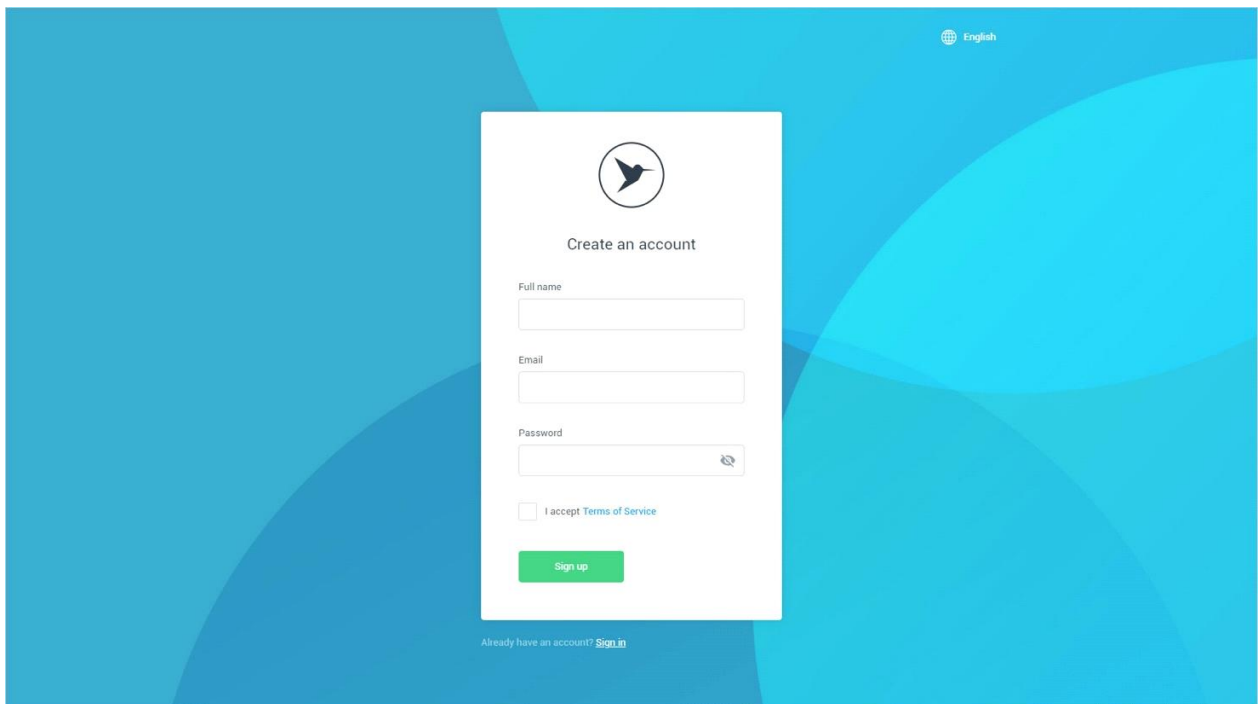


## 1.2. Registration

To sign up for the application, you must go to <https://kolibri.one/auth/signup>. The registration form consists of 4 fields, all of which are required:

- Full name;
- Email;

- Password;
- Terms of service.



Each of the registration form fields has a built-in data validation mechanism. Requirements for form fields:

Full name:

- a field cannot be blank;
- only letters and spaces are allowed.

Email:

- a field cannot be blank;
- only email is allowed (W3C Email Regex check).

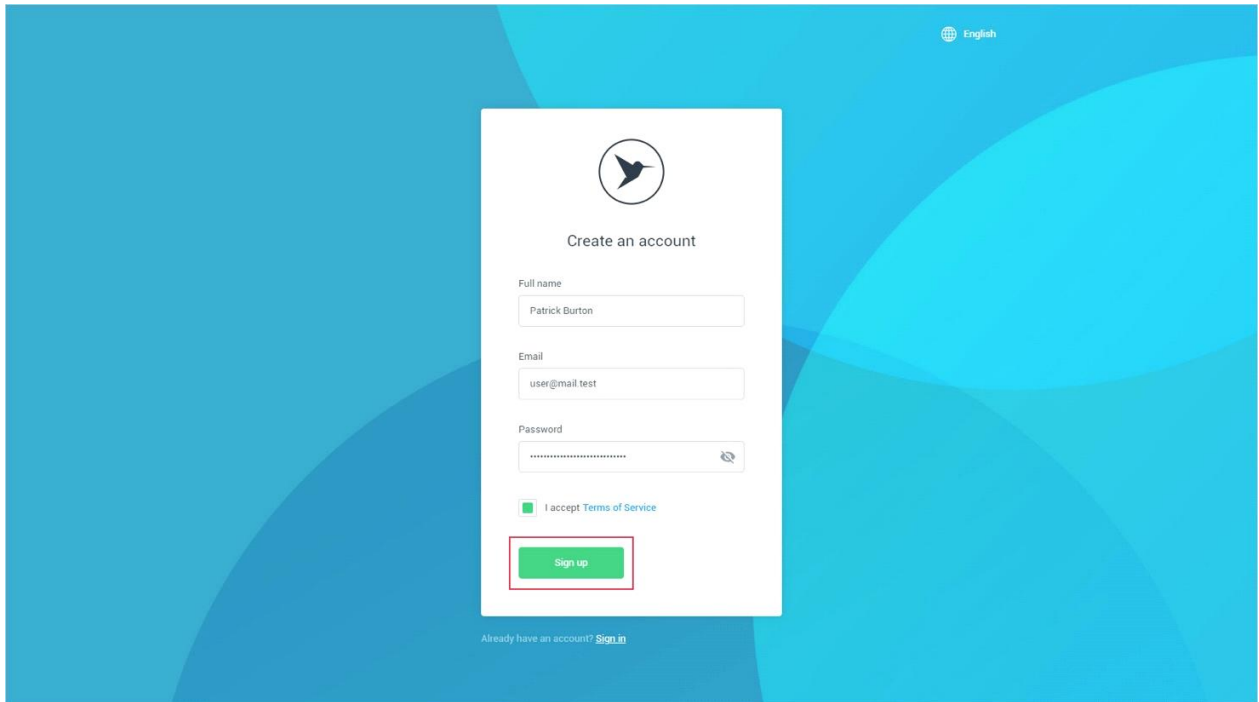
Password:

- a field cannot be blank;
- minimum password length: 5 characters;
- gaps are forbidden.

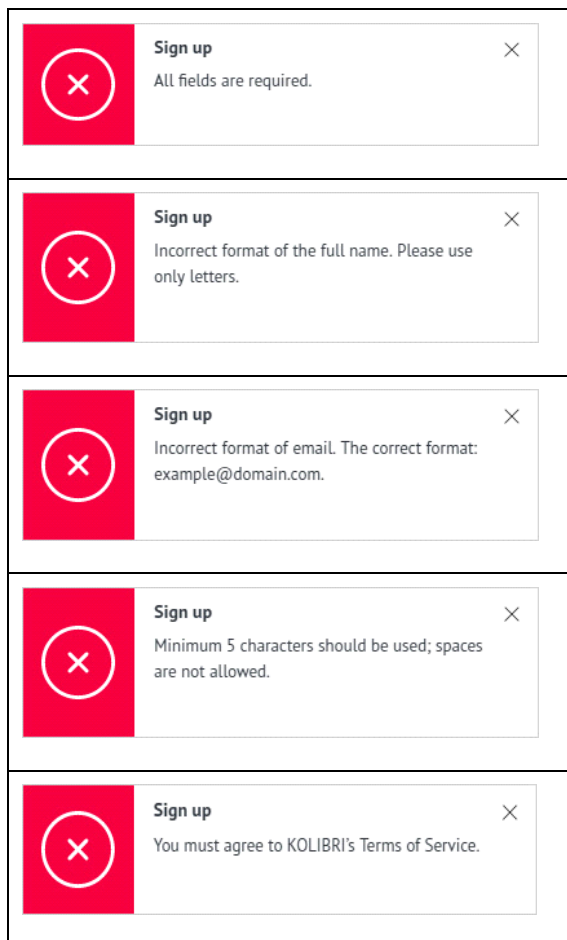
Terms of service:

- a field cannot be blank (not specified).

A user clicks the "Sign up" button after completing the registration form.

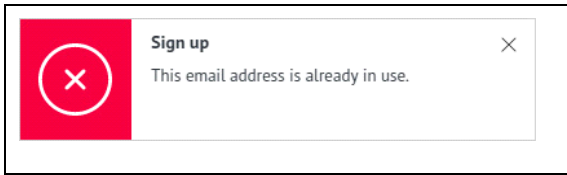


The application informs a user if the entered data contains errors:

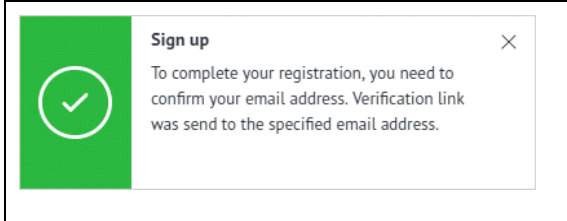


If at registration the user enters an email already registered in the HSP KOLIBRI, the application informs him about it:

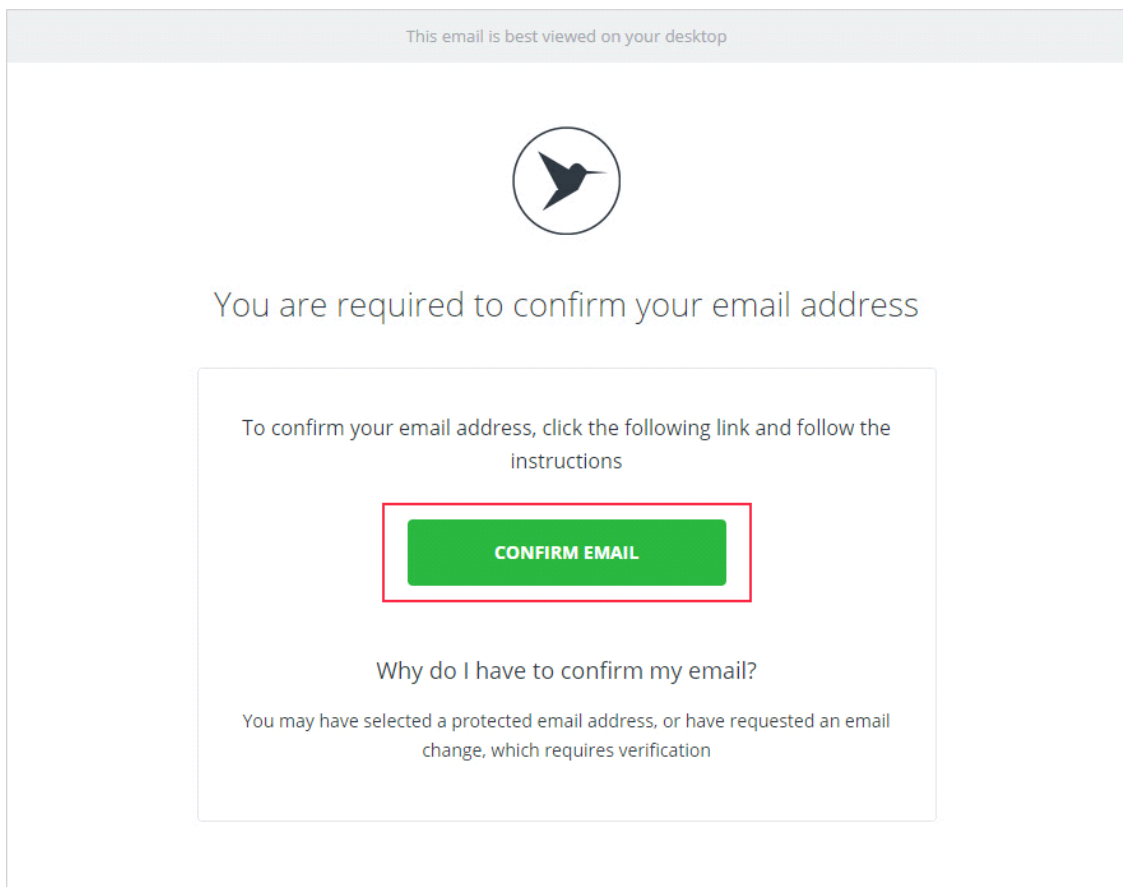




If the form fields are filled out correctly, the application will notify you of the need to confirm the email you provided during registration:

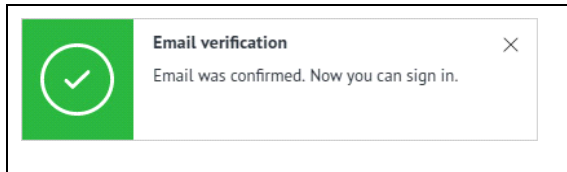


Email confirmation:

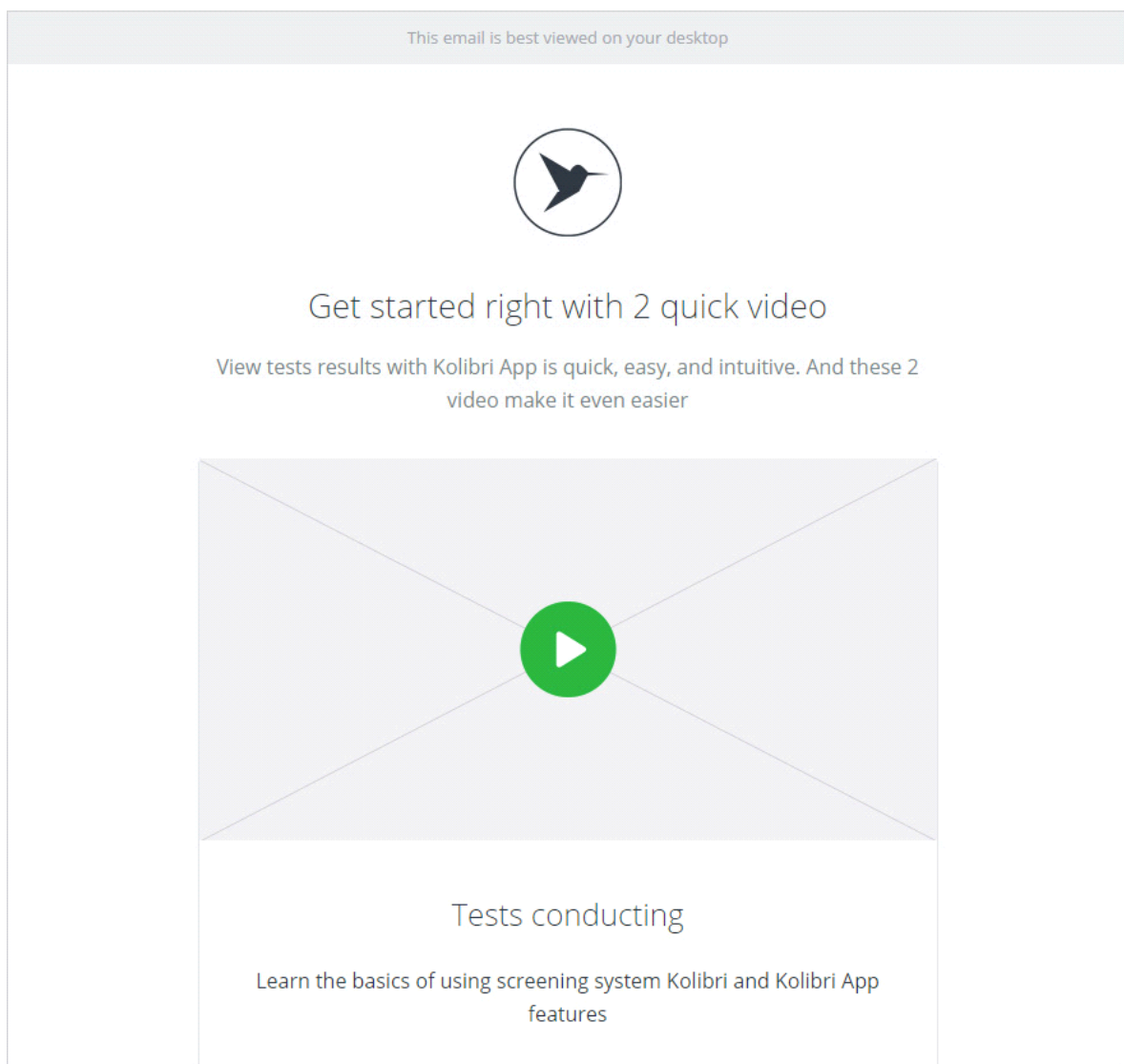


To confirm email, the user must click on the “CONFIRM EMAIL” button. Clicking on the “CONFIRM EMAIL” button will redirect the user to: <https://kolibri.one/auth/signin>.

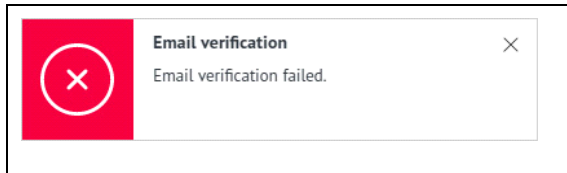
If the user's email is verified, the registration process has completed successfully. The application will notify the successful confirmation of the email and invite him to log in to the HSP KOLIBRI:



A letter explaining the instructions comes to the email specified by the user at registration:



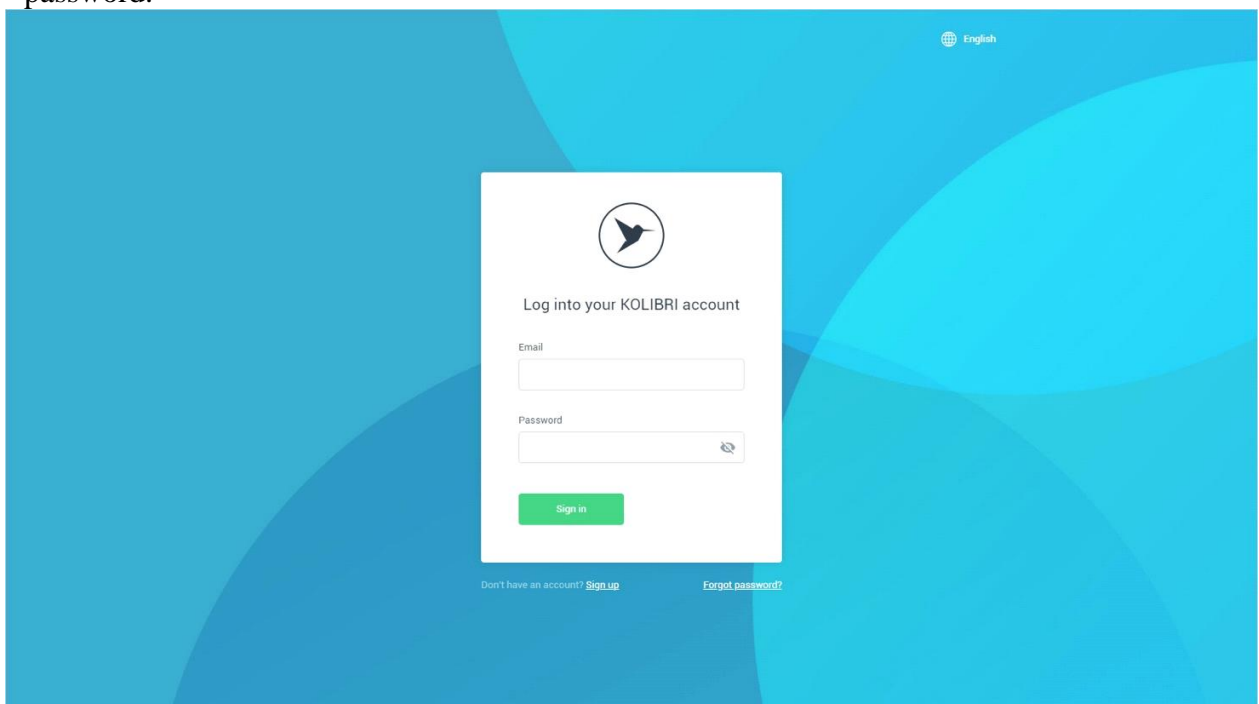
If the user's email is not verified, the registration process fails. Registration is failed. The app will notify you when email confirmation fails:



### 1.3. Authorization

To be authorized in the KOLIBRI application, you must go to <https://kolibri.one/auth/signin>. The authorization form consists of 2 fields, which are required for completion:

- email;
- password.



Each form field has a built-in data validation mechanism. Requirements for authorization form fields:

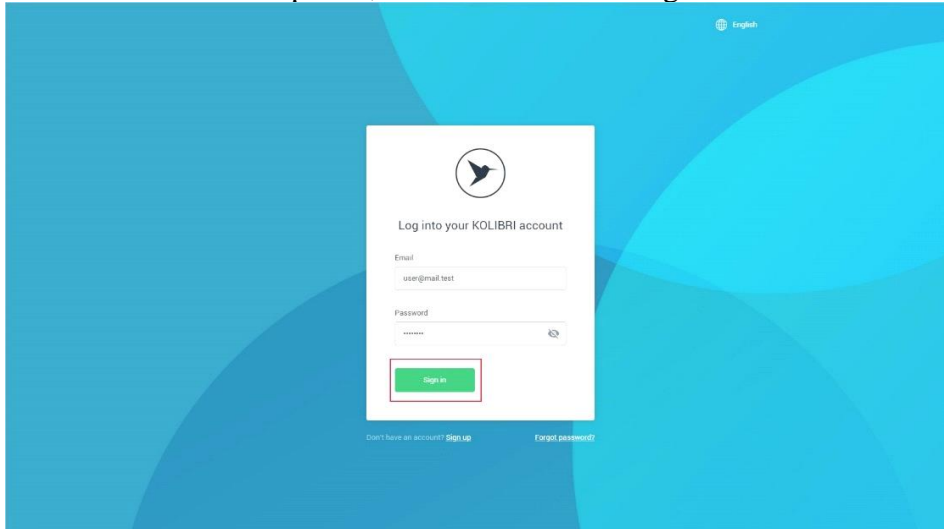
Email:

- field cannot be blank;
- only email is allowed (W3C Email Regex check).

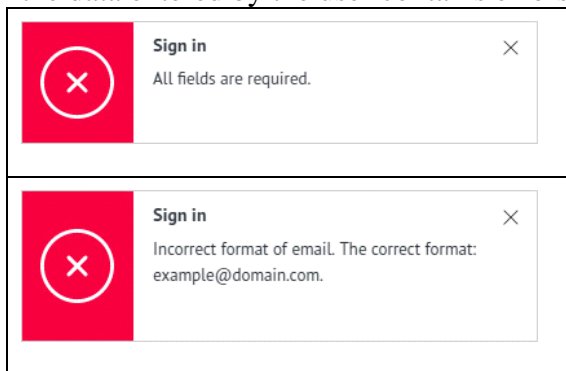
Password:

- field cannot be blank

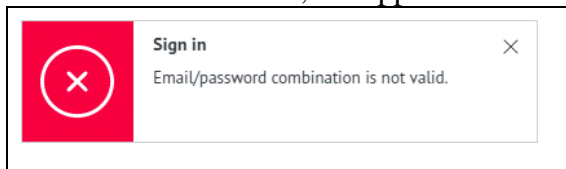
When the form is completed, the user clicks the "Sign in" button.



If the data entered by the user contains errors, the application informs him about it:



If the authorization fails, the application will notify you of this:



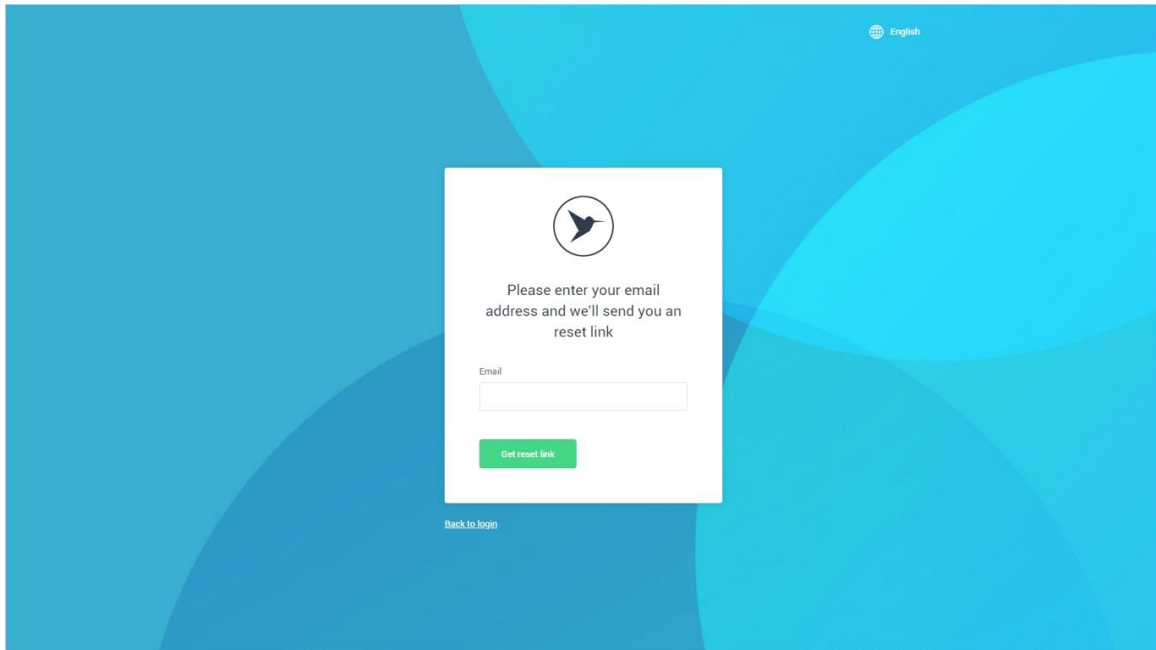
If the email / password combination is correct, the user is logged in to the HSP KOLIBRI and redirected to the main application screen at <https://kolibri.one/main/overview>.

WARNING! When you download KOLIBRI, an authentication is automatically verified. If authentication is confirmed and authenticated, the authorization in the KOLIBRI application is automatic.

#### 1.4. Reset your password.

WARNING! The HSP KOLIBRI does not explicitly store user passwords, so it is not possible to remind the password by sending it to the user. If a user forgets their password, the KOLIBRI application offers to replace the old password with a new one using the password reset link.

To reset your password in the HSP KOLIBRI, you must go to <https://kolibri.one/auth/pass-reset>. The password reset form consists of one field, which is required:

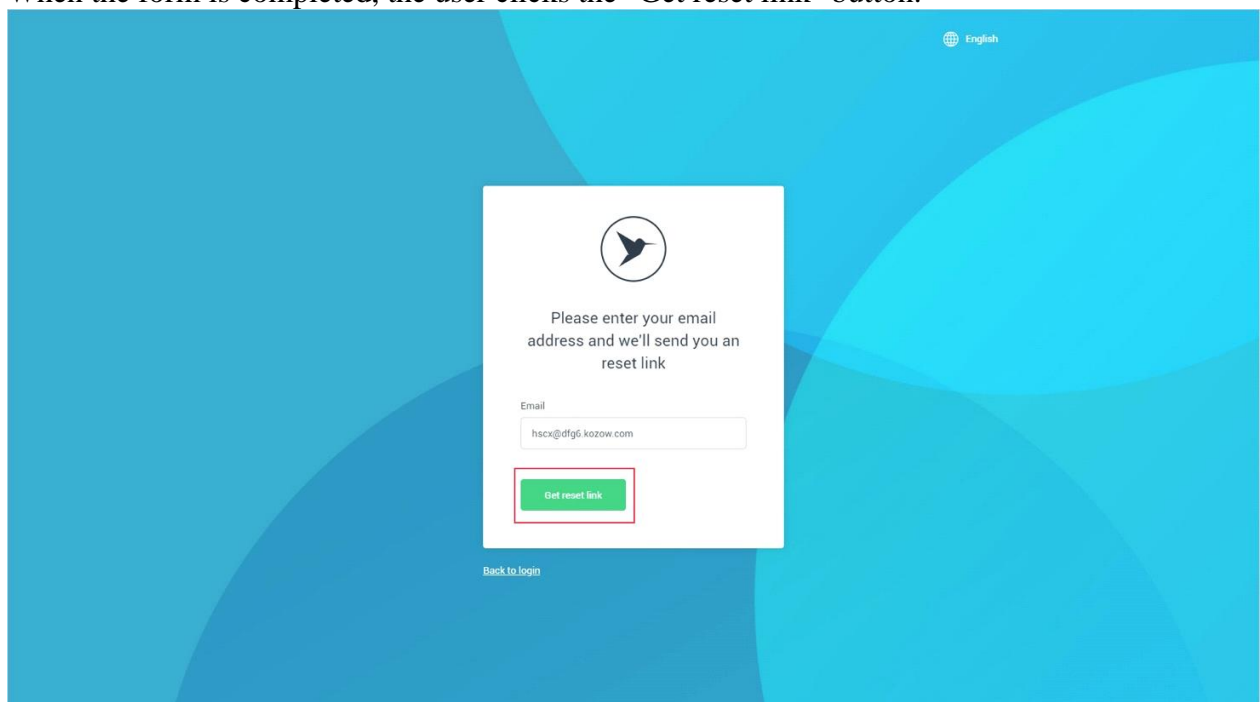


The password reset form field has a built-in data validator. Field requirements:

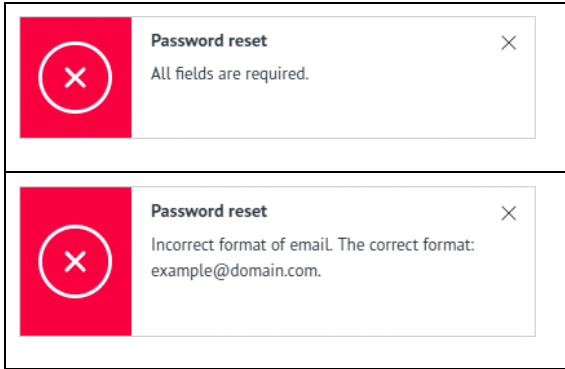
Email:

- the field cannot be empty;
- Email only is allowed (W3C Email Regex check).

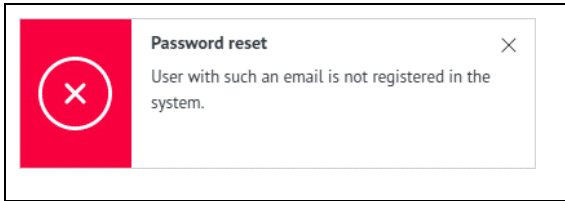
When the form is completed, the user clicks the "Get reset link" button.



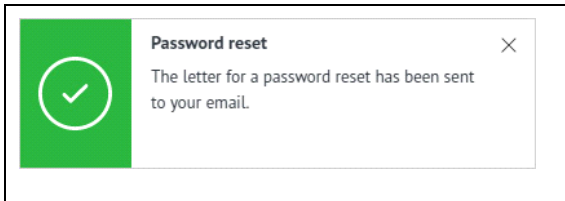
If the data entered by the user contains errors, the application informs him about it:



If you entered an email not registered with the HSP KOLIBRI, the application informs you about it:

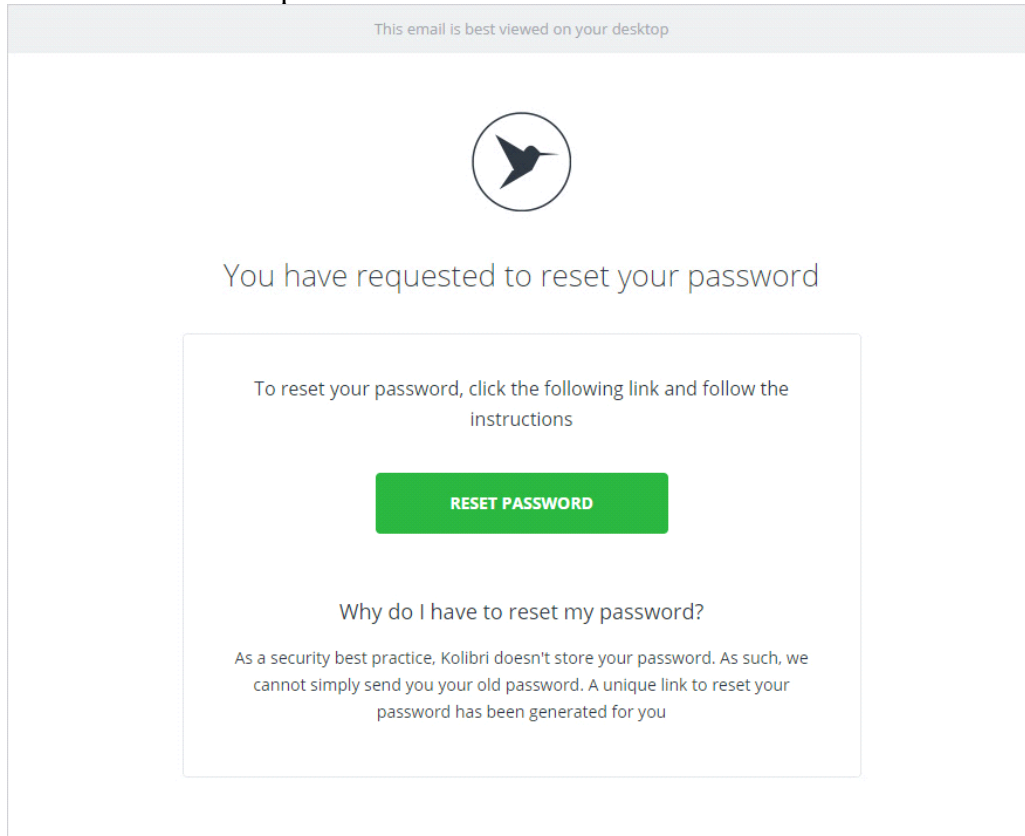


If you have entered the email registered with the HSP KOLIBRI yourself, you will be sent an email with a link to reset your password and inform the user about it:

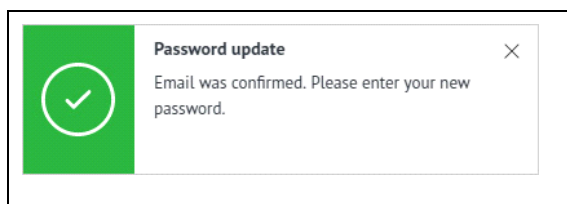




The email contains a password reset link:

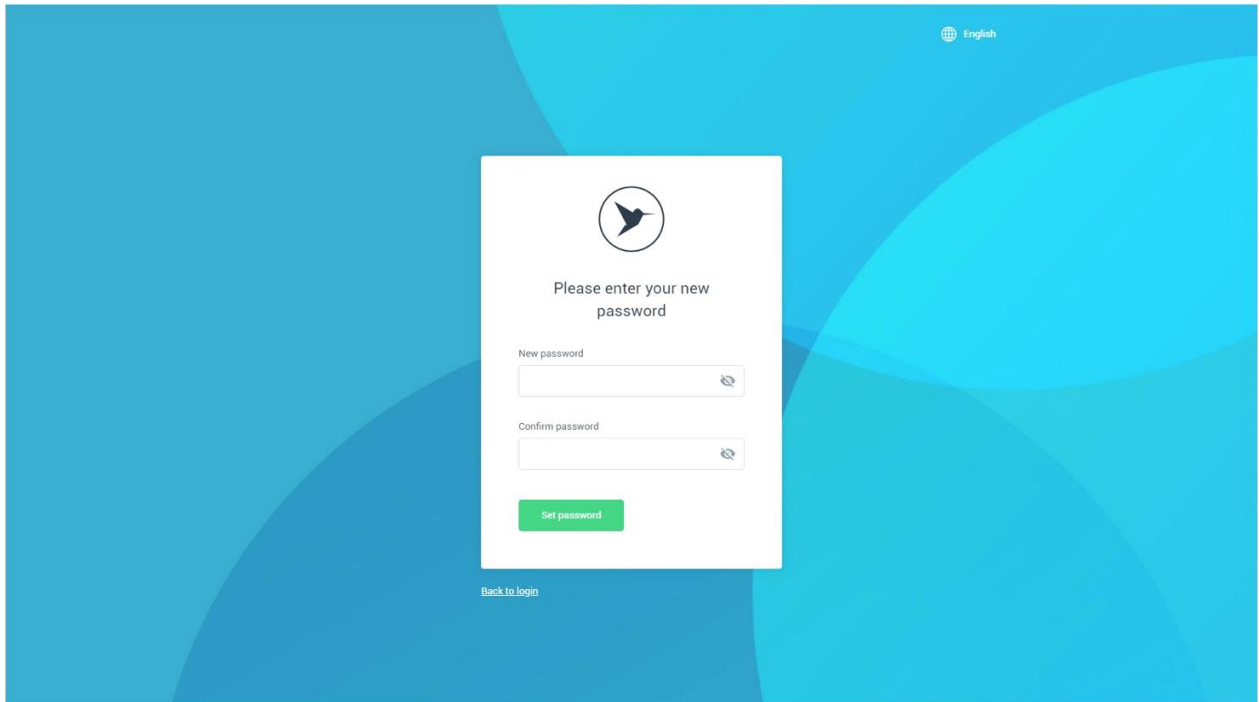


To continue the password reset procedure, the user must click on the "PASSWORD RESET" button. Clicking on the "PASSWORD RESET" button will redirect you to <https://kolibri.one/auth/pass-update>, where the user can enter a new password. If the redirect comes from a user's mail account, the app notifies him of the successful email confirmation and prompts for a new password:



The form for entering a new password consists of two fields, which are required:

- New password;
- Confirm password.



Each form field has a built-in data validation mechanism. Requirements for form fields for entering a new password:

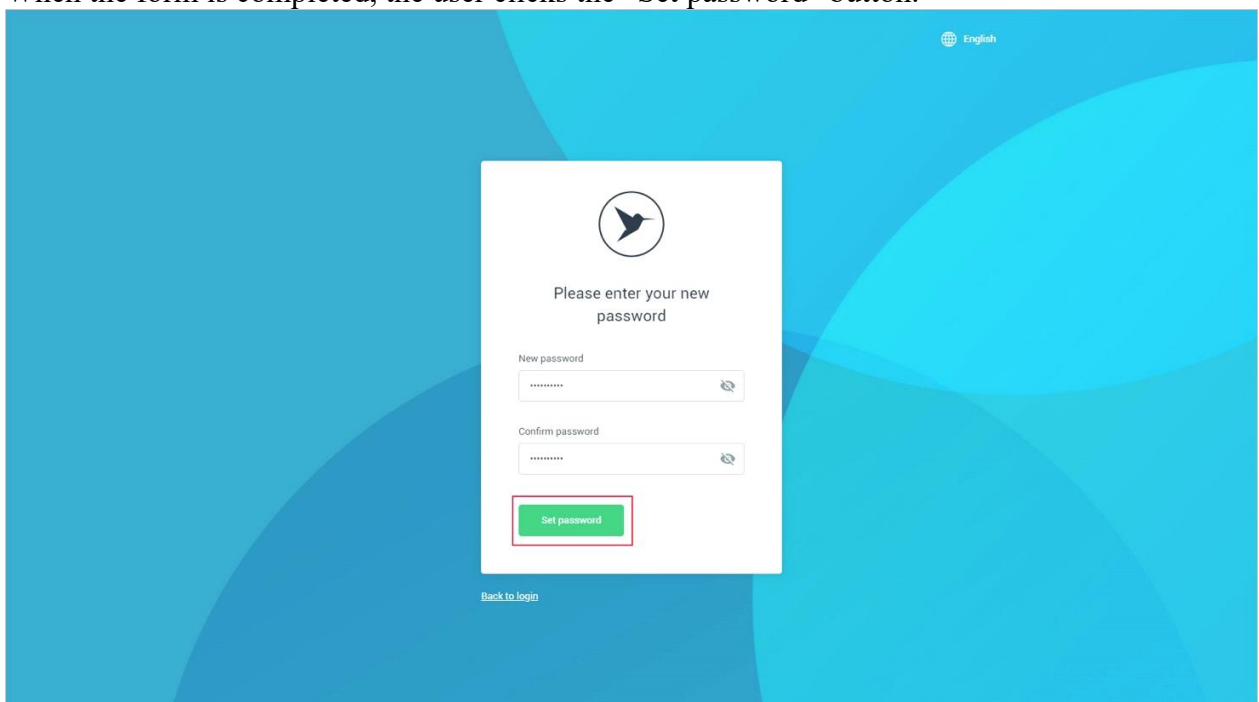
New password:

- field cannot be blank;
- minimum password length: 5 characters;
- spaces are not allowed.

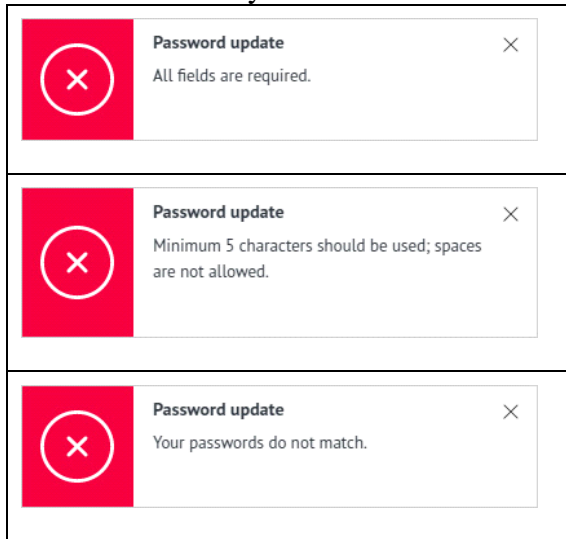
Confirm password:

- field cannot be blank.
- the data must match the "New password" field.

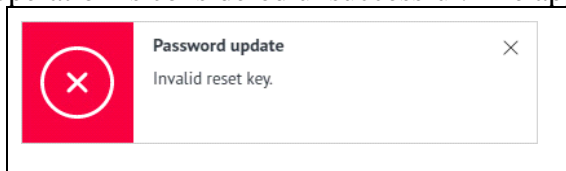
When the form is completed, the user clicks the “Set password” button.



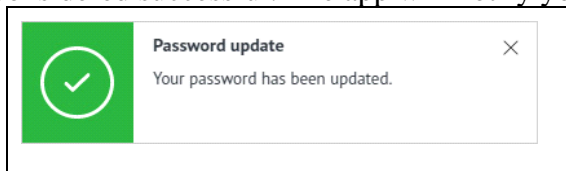
If the data entered by the user contains errors, the application informs him about it:



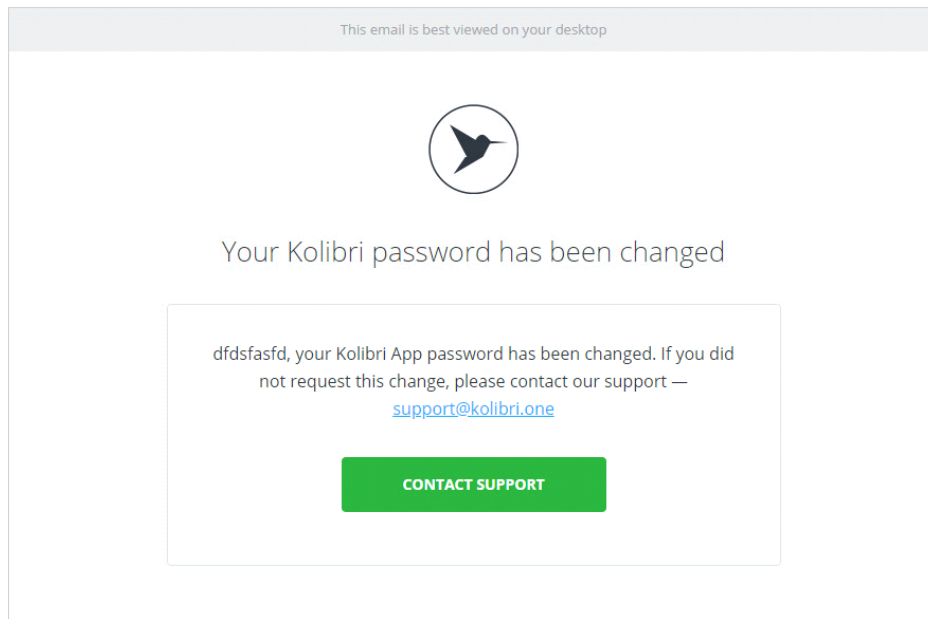
If a secret password reset key that is transmitted to the application after being forwarded from the user's email does not pass validation to the HSP KOLIBRI, the password reset operation is considered unsuccessful. The app will notify you about this:



If a secret password reset key that is transmitted to the application after being forwarded from the user's email passes validation to the HSP KOLIBRI, the password reset operation is considered successful. The app will notify you about this:



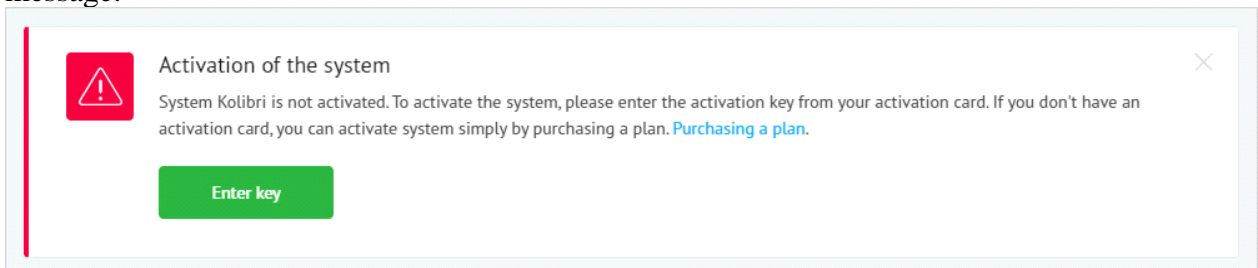
An email confirming the success of the password reset operation is sent to the email provided by the user at registration:



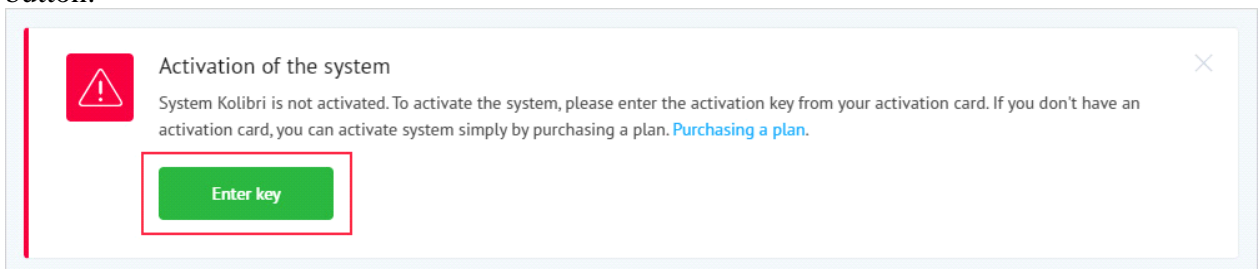
## 2. Activate an account in the app.

### 2.1. Activate an account with the activation key.

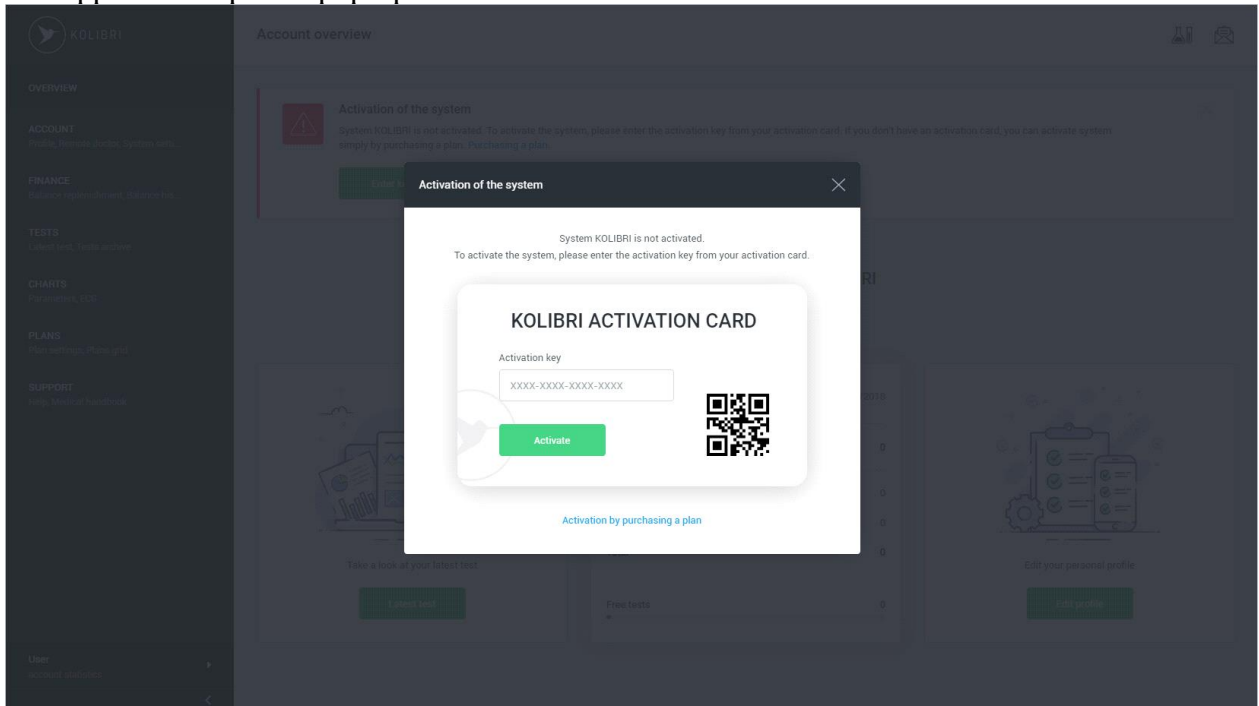
If your HSP KOLIBRI account is not activated, the application informs you via a system message:



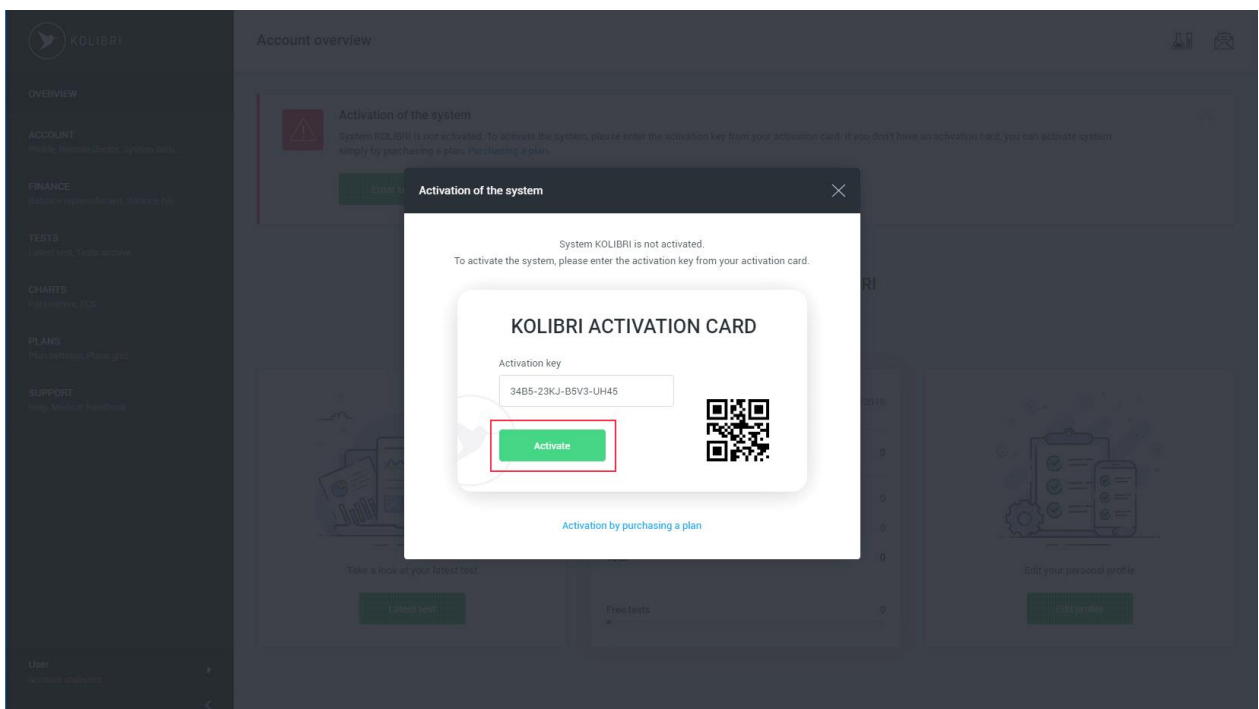
To activate your KOLIBRI account with the activation key, you must press the “Enter key” button:



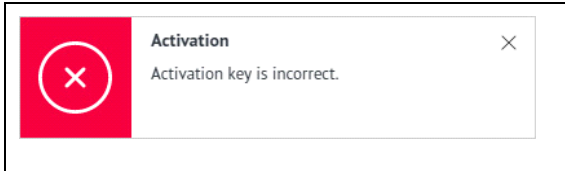
The application opens a pop-up modal window to activate the account:



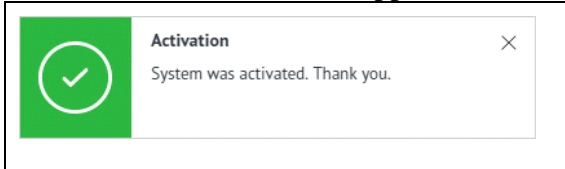
You must enter an activation key in the Activation key field. The activation key is a 16-character code indicated on the scratch card that comes with the device. Once the activation key is entered, you must click on the "Activate" button:



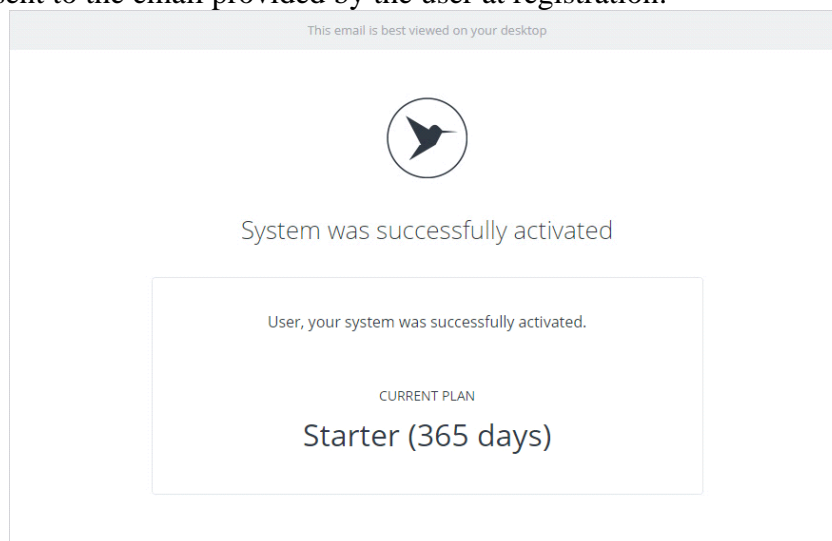
If the activation key you entered contains an error, or you have already used the activation key, the activation is considered unsuccessful, the application will notify you of this:



If the activation key is entered correctly and the HSP KOLIBRI has accepted it, the activation is considered successful, the application will notify you of this:

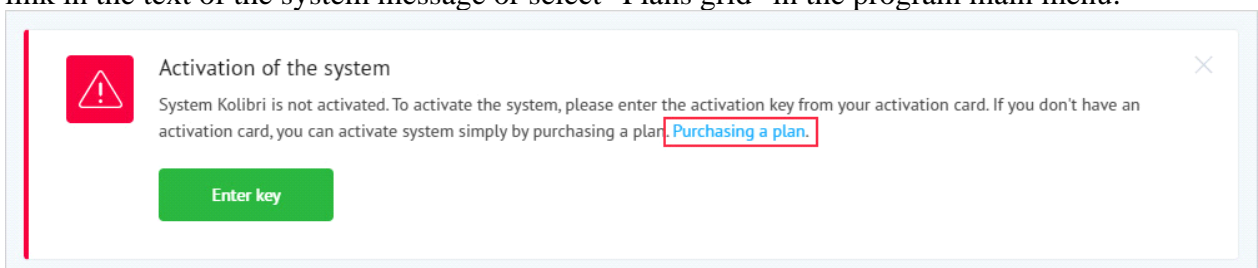


An email confirming the success of the operation to activate your account in the HSP KOLIBRI is sent to the email provided by the user at registration:

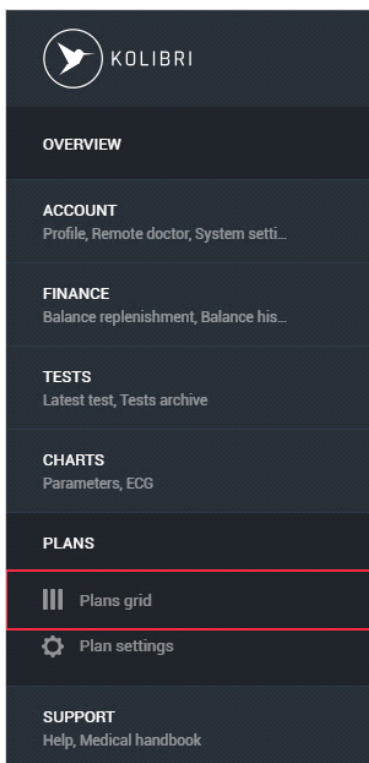


## 2.2. Activate an account by purchasing a plan.

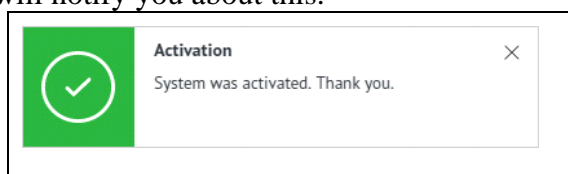
The purchase of any tariff plan in the application automatically activates the HSP KOLIBRI. To activate the HSP KOLIBRI by purchasing a tariff plan, click on the "Purchasing a plan" link in the text of the system message or select "Plans grid" in the program main menu:



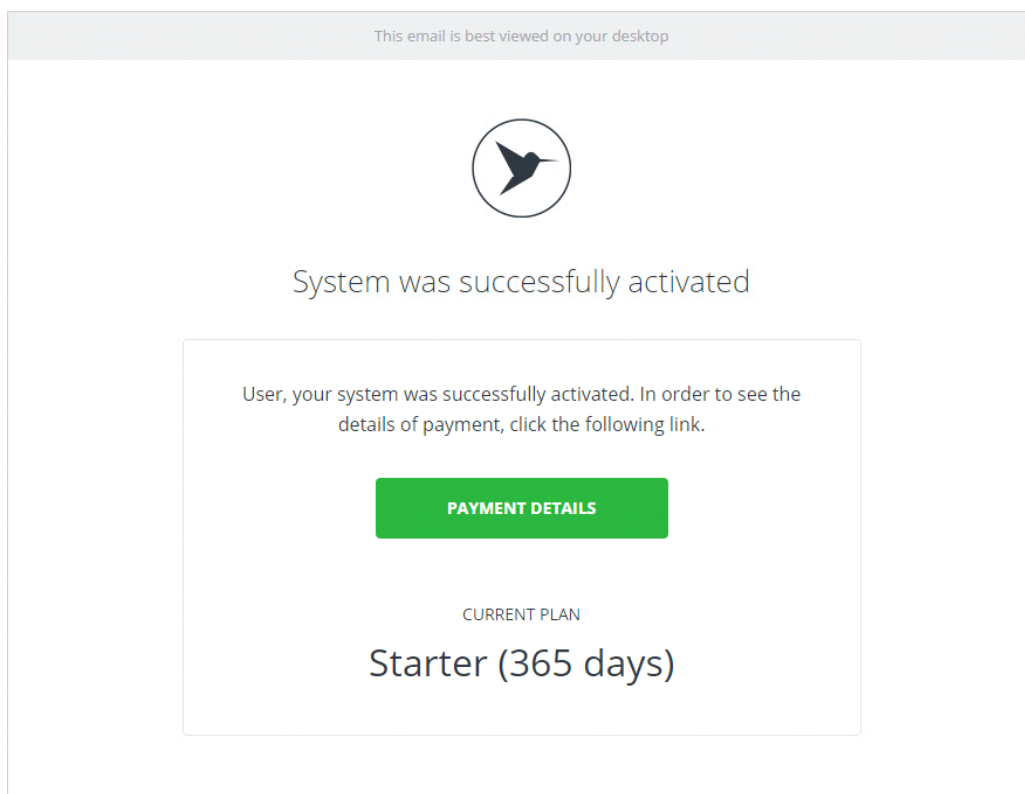




The application will navigate to: <https://kolibri.one/main/plans/personal>. The process for purchasing a tariff plan is described in **SECTION 9.4**. If the purchase was successful, the HSP KOLIBRI will be activated automatically. The app will notify you about this:



An email confirming the success of the account activation operation in the HSP KOLIBRI is sent to the email provided by the user at registration:



### 3. Navigation - a description of the personal account menu.

#### 3.1. Main menu.

	<p>Overview – main screen of the application.</p> <p>Profile - user profile settings.</p> <p>Remote doctor.</p> <p>System settings.</p> <p>Email notifications.</p> <p>Balance replenishment.</p> <p>Balance history.</p> <p>Invoices.</p> <p>Latest test.</p> <p>Tests archive.</p> <p>Parameters.</p> <p>ECG.</p> <p>Plans grid.</p>
--	--

	<p>Plans settings.</p> <p>Help.</p> <p>Medical handbook.</p>
--	--

The main navigation menu contains the statistics bar:

Statistics panel contains three points:

Free services:

- Tests - the number of free tests (the value is updated every 24 hours).

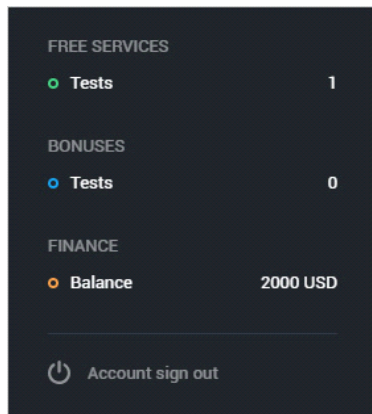
Bonuses:

- Tests – the number of bonus tests.

Finance:

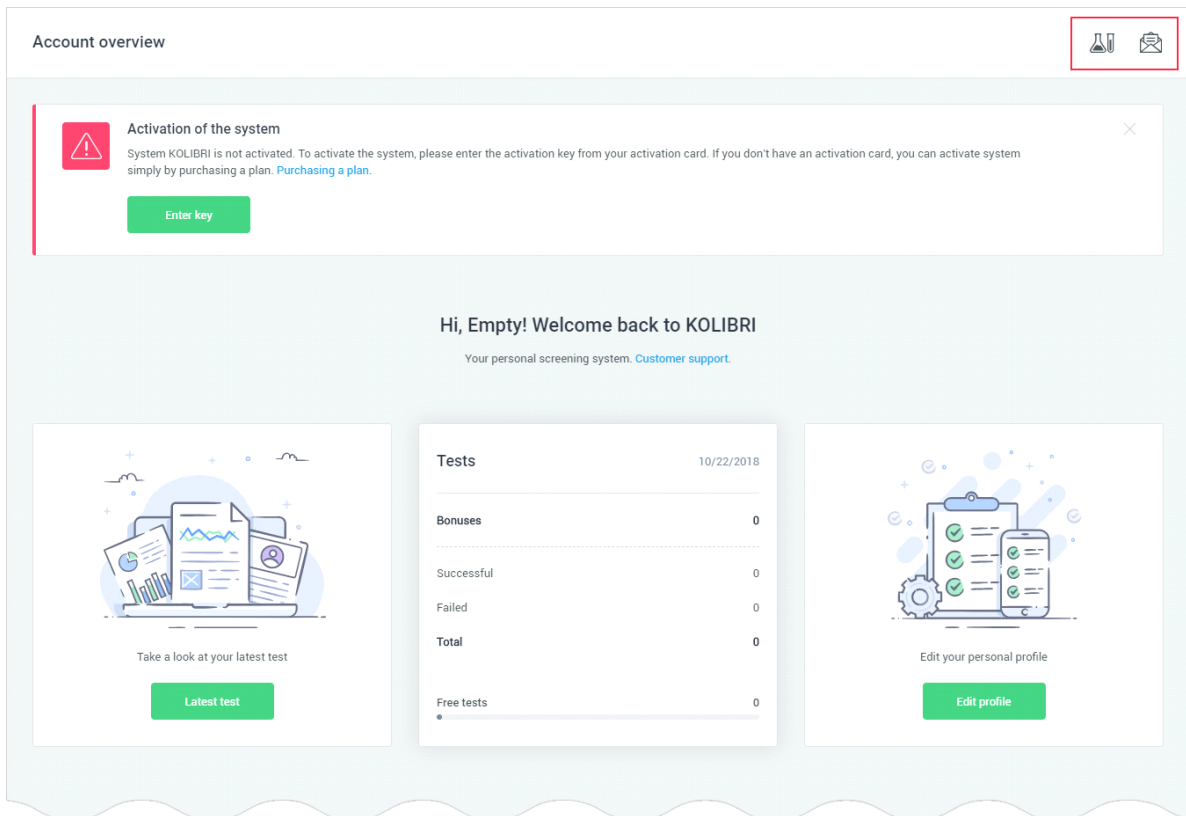
- Balance - the user's current balance.

The statistics bar also contains links to log out of your account - «Account sign out».

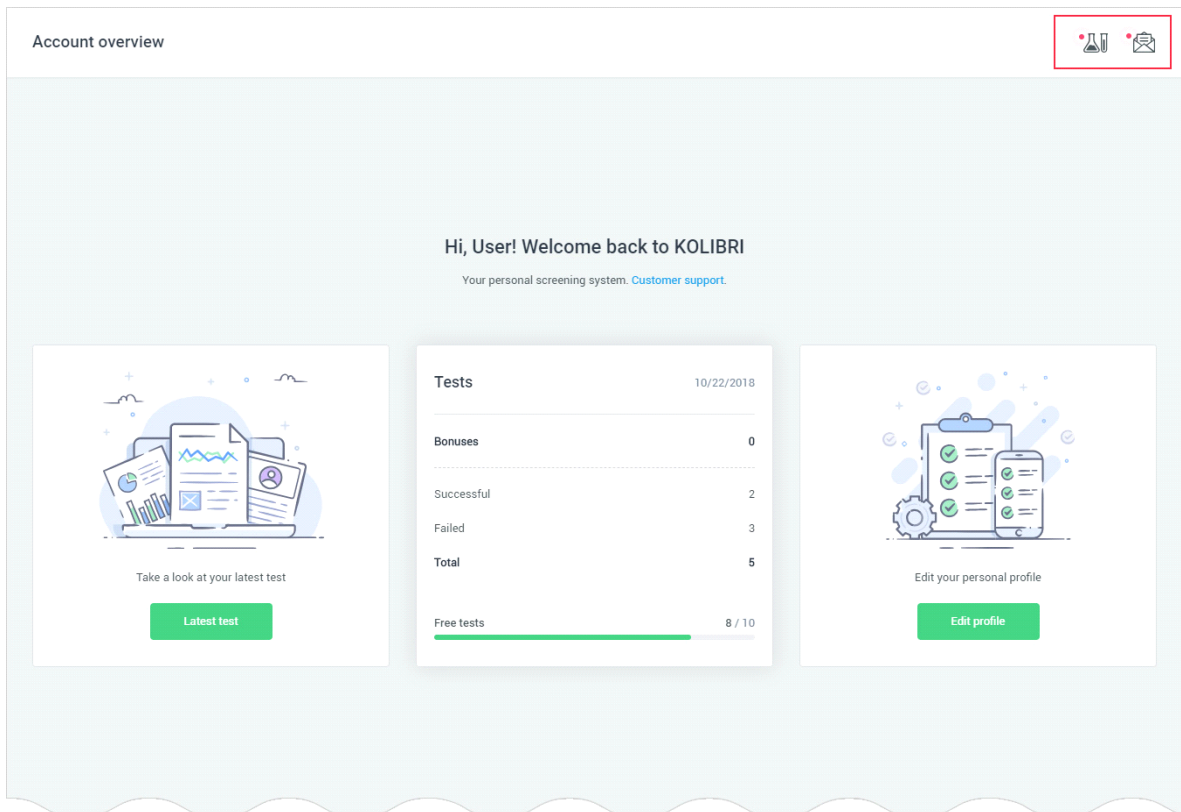


### 3.2. Notification and Message Center.

The message center contains two tabs: tests and messages. To call the message center, the user must click on the icons at the top of the application:



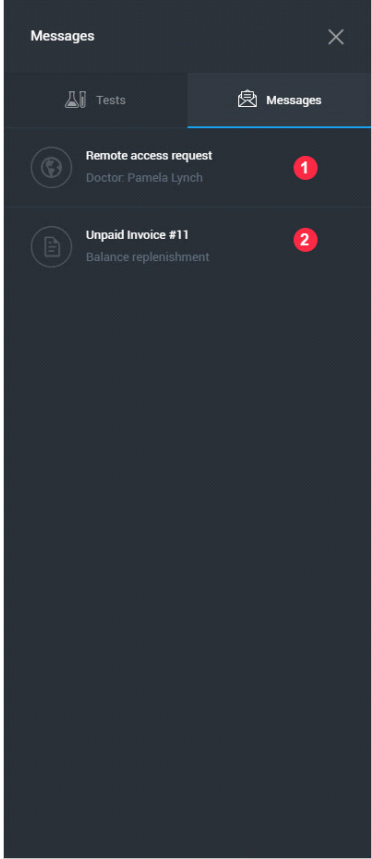
If there is a message for the user, a red flashing marker will appear above the icons at the top of the application:



Tab «Tests»:

	<p>The "Tests" tab displays all the unposted user tests.</p> <p>To view the test, the user clicks on the test - <b>marker 1</b>. The application automatically redirects the user to the selected test.</p>
--	---

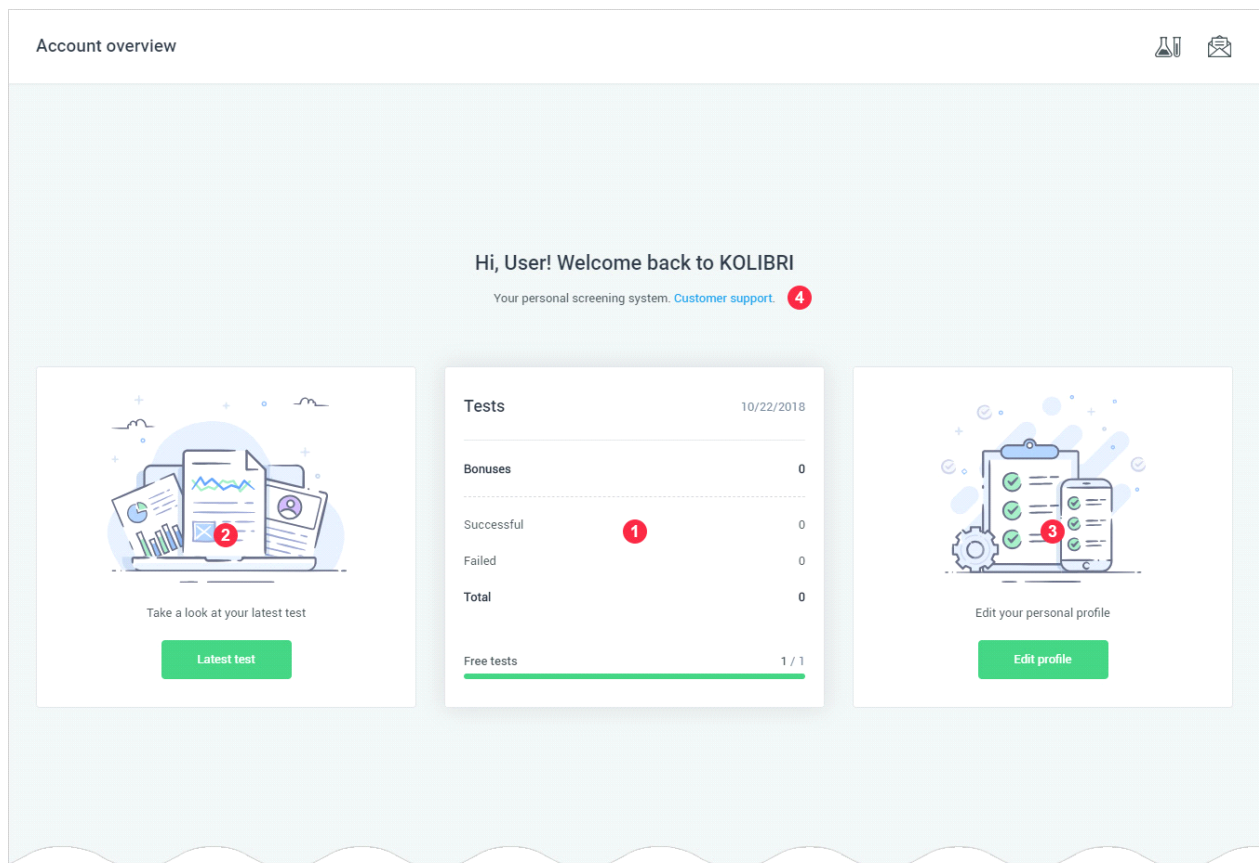
### Tab «Messages»:

	<p>The “Messages” tab displays unpaid user invoices and doctors' requests for remote access to personal health information.</p> <p>To view the remote access request, the user clicks on the message - <b>marker 1</b>. The application automatically redirects the user to the remote access control tab of his account - <b>SECTION 13</b>.</p> <p>To view the unpaid invoice, the user clicks on the invoice - <b>marker 2</b>. The application automatically redirects the user to the selected invoice.</p>
--	--

#### 4. Main screen of the HSP KOLIBRI.

Account Overview is the main screen of the HSP KOLIBRI application located at <https://kolibri.one/main/overview>. On this screen, the user can view statistics on the tests performed or to quickly navigate to the sections of the program.





1: A block of statistics on tests conducted during the day and the number of remaining bonus tests. The lower scale of the block shows the number of free tests left to the user for the rest of the day

2: Button (links) leading to the page with the latest successful test.

URL: <https://kolibri.one/main/tests/latest>.

3: Button (links) leading to the user's personal profile page.

URL: <https://kolibri.one/main/settings/user>.

4: Links to the support page.

URL: <https://kolibri.one/main/support>.

## 5. Tests.

### 5.1. Latest test.

Latest test - an app page that contains information about the latest successful test. The page is located at: <https://kolibri.one/tests/latest>. Viewing tests that “fail” is prohibited by the HSP KOLIBRI.

Test #243

Interpretation of the results  
KOLIBRI is the screening system. Interpretation of the results and diagnosing must be made by a physician/professional only. Results of the test are not considered as a decisive for making a diagnosis.

Test #243 1

2 Date: 10/20/2018 3 Time: 12:00 AM

4 Signal quality: Medium 94

5 Noise level: Low 4

6

7 Risk of pathologies  
8 out of 8 pathologies is shown

8 ECG findings  
2 ECG findings were found

9 General parameters  
1 parameter is out of the normal ranges

Parameter	Result	Normal ranges	Reliability, %	Actions
Heart rate	99 bpm	60 – 90 bpm	100 / 100	

93 / 1

1: Serial number of the test in the HSP KOLIBRI.

2: The date of the test.

3: Test time.

4: Signal quality during the test. The signal quality can have one of three values:

- high - high quality signal;
- medium - average signal quality.
- low - poor signal quality.

If the signal quality is too low during the test, the application will inform the user of this:

Signal quality is low  
Make sure the system is used according to the instruction. We recommend to repeat a test.

5: Noise level during the test.

The noise level can have one of three values: • high - high noise level in the signal • medium - average noise level in the signal • low - small (small) noise level in the signal.

If the noise level is too high during the test, the application will inform the user about it:

Noise level is high  
Make sure the device is properly connected. We recommend to repeat a test.

## 6: List menu:

The screenshot shows the 'Test #247' interface. At the top, there is a header with 'Test #247' and two icons (a test tube and an envelope). Below this is a blue information box titled 'Interpretation of the results' with a close button. The main content area includes 'Test #247' with a date of '10/21/2018' and time of '7:50 AM'. It features two progress bars: 'Signal quality' (High, 100) and 'Noise level' (Low). A red box highlights a list menu with three options: 'Send via email', 'Download PDF', and 'Open ECG'. Below the menu are sections for 'Risk of pathologies' (6 out of 6 shown) and 'ECG findings' (7 findings). A 'General parameters' section is partially visible, showing a table with columns for Parameter, Result, Normal ranges, and Reliability, %.

Parameter	Result	Normal ranges	Reliability, %
Heart rate	88 bpm	60 – 90 bpm	99 / 100

When selecting the "Send via email" menu, a modal window is opened to send the test to the email specified by the user:

The screenshot shows the 'Send via email' modal window. It has a title bar with a close button. The main content area contains the text 'Send your Test #4 via email:' followed by an 'Email' label and an input field with the placeholder text 'Enter email address'. Below the input field is a green 'Send test' button.

The form for sending the test to the specified email consists of one field, which is required:• email.

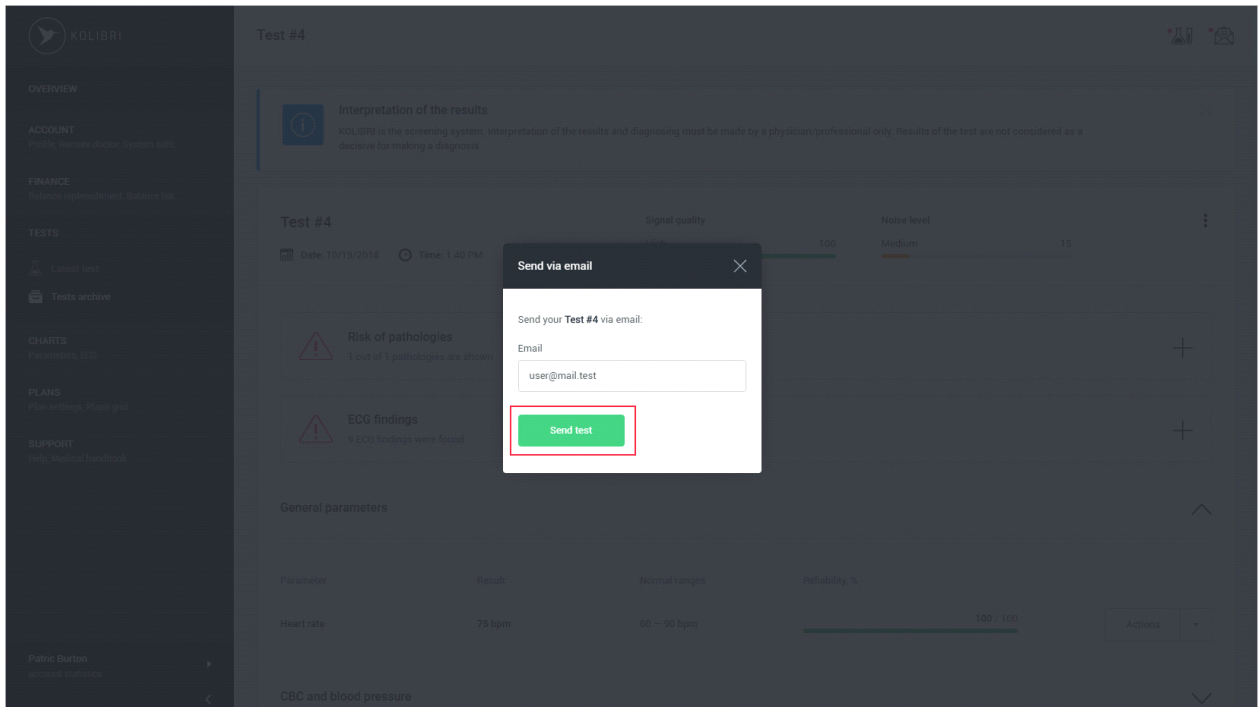
The email field has a built-in data validator.

Requirements for the field to send the test to the specified email:

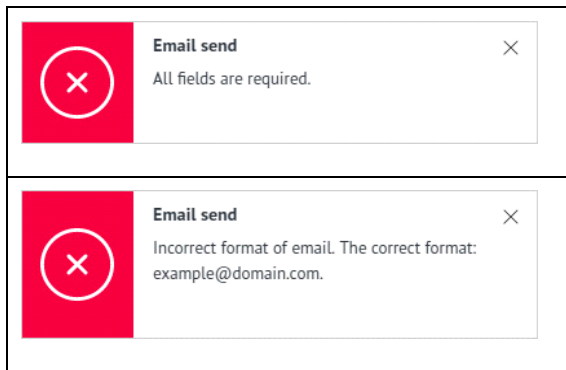
Email:

- field cannot be blank;
- only email is allowed (W3C Email Regex check).

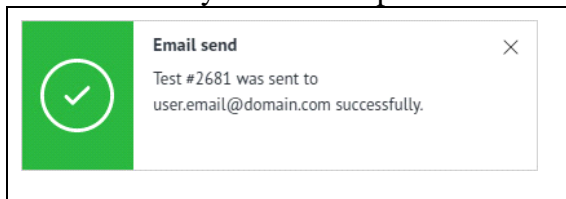
After completing the form to send the test to the specified email, the user clicks the "Send test" button.



If the data entered by the user contains errors, the application informs him about it:



If the form fields are filled in correctly, the application will notify you that the test has been successfully sent to the specified email:



A test email is sent to the email specified by the user. The test is attached to the email as a PDF file:



You have requested Test #2681 on your email

Test #2681 attached to this email

**User:** Patric Burton

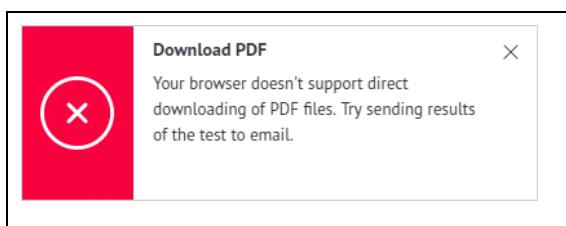
**Test number:** 2681

**Date:** 01/10/2018

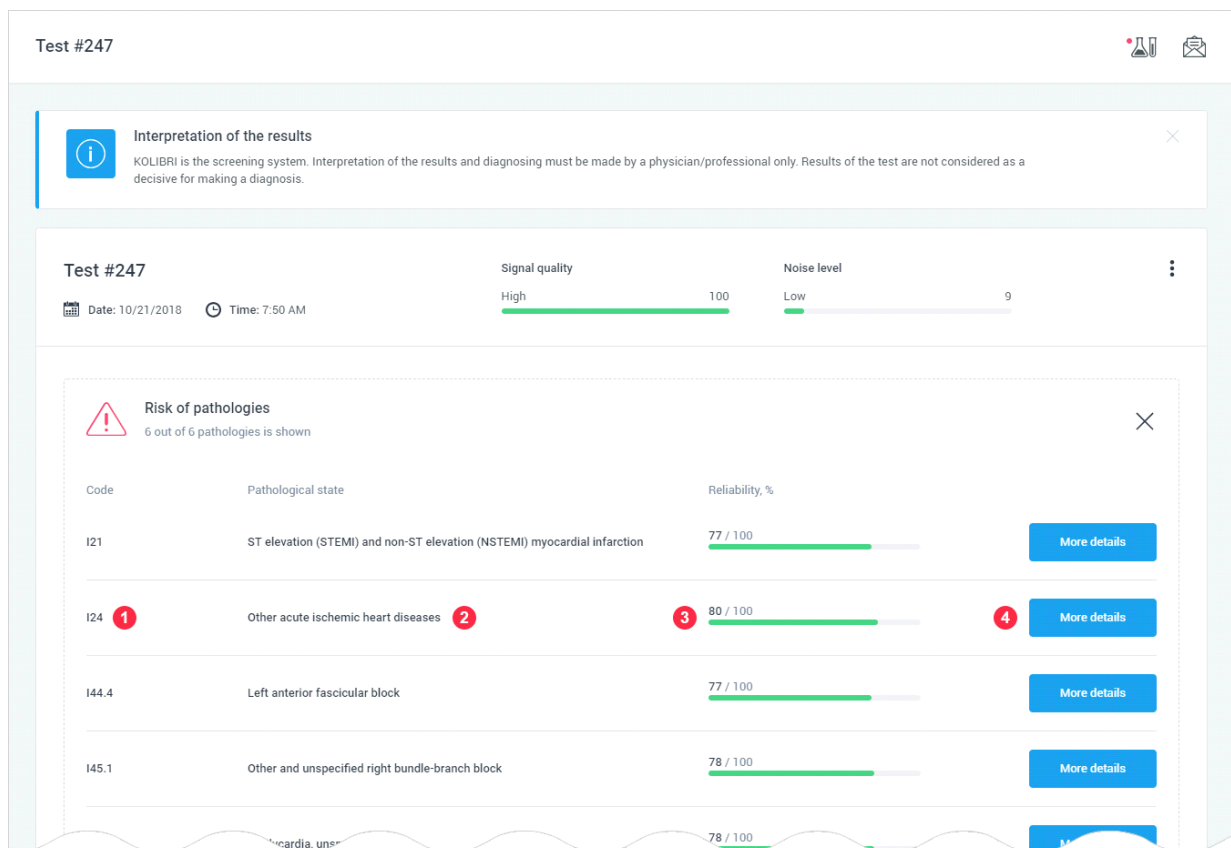
**Risk of pathologies:** 1 detected

**ECG findings:** 1 detected

The Download PDF link, in the drop-down menu, is used to download the test as a PDF file. To download the file, the user clicks on the specified link. Generating a file takes 20 to 30 seconds. If the user's browser does not support direct download of the PDF file, the application will inform you about this:

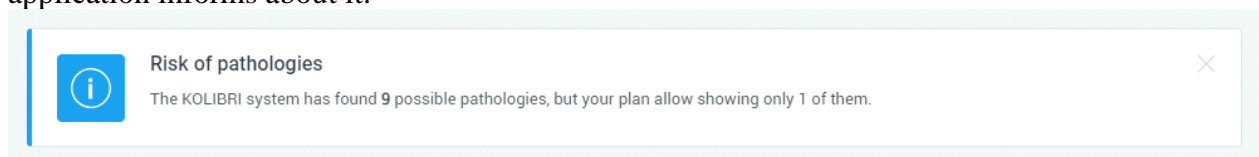


7: If a user finds a probable pathology during a survey, the application displays the “Risk of pathologies” panel. To open a list of possible pathologies, the user clicks on the “Risk of pathologies” panel:



- 1: International pathological code.
- 2: Name of the pathology.
- 3: The reliability (probability) that the pathology is present indeed in the user.
- 4: Button (link) leading to an article in the medical directory. Description of pathology.

If the plan of the user does not allow to show all detected pathological conditions, the application informs about it:



8: If a user is found to be in the course of the examination for the possibility of ECG changes, the application displays the “ECG findings” panel. To open a list of ECG changes, the user clicks on the “ECG findings” panel:

Test #247

**Interpretation of the results**  
 KOLIBRI is the screening system. Interpretation of the results and diagnosing must be made by a physician/professional only. Results of the test are not considered as a decisive for making a diagnosis.

Test #247  
 Date: 10/21/2018 Time: 7:50 AM

Signal quality: High 100  
 Noise level: Low 9

**Risk of pathologies**  
 6 out of 6 pathologies is shown

**ECG findings**  
 7 ECG findings were found

Method	Code	Pathological state	Reliability, %	More details
Simplified Minnesota Code	3.41	Borderline delay of right ventricular excitation	70 / 100	More details
1 Simplified Minnesota Code	4.12 2	Significant prolongation of ventricular repolarization 3	70 / 100 4	More details 5
Simplified Minnesota Code	5.7	Minor Q waves without ST-T abnormalities	66 / 100	More details

- 1: The method by which ECG changes are detected.
- 2: ECG International Change Code.
- 3: Name of ECG changes.
- 4: The reliability (probability) that ECG changes are indeed present in the user.
- 5: More Details buttons are links to an article in the medical directory. Description of ECG changes (<https://medbook.kolibri.one/>).

9: Test parameters calculated by the HSP KOLIBRI. To open the selected parameter category, select the desired category:

Test #247

**General parameters**

Parameter	Result	Normal ranges	Reliability, %	Actions
1 Heart rate	2 88 bpm	3 60 – 90 bpm	4 99 / 100	5 Actions
Health index	1	2	92 / 100	Actions
Stress index	97	60 – 220	93 / 100	Actions

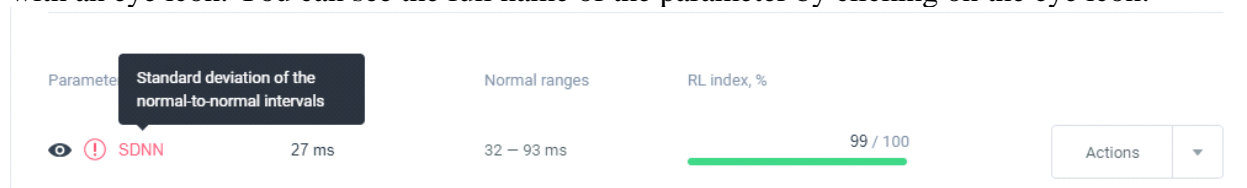
**CBC and blood pressure**  
 1 parameter is out of the normal ranges

**Carbohydrate metabolism**  
 1 parameter is out of the normal ranges

**Electrolytic metabolism**  
 2 parameters, which are out of the normal ranges

**Heart activity**

1: Parameter name. Parameters that go beyond the reference values are highlighted in red and marked with an exclamation point icon. If the parameter name is abbreviated, it is marked with an eye icon. You can see the full name of the parameter by clicking on the eye icon:

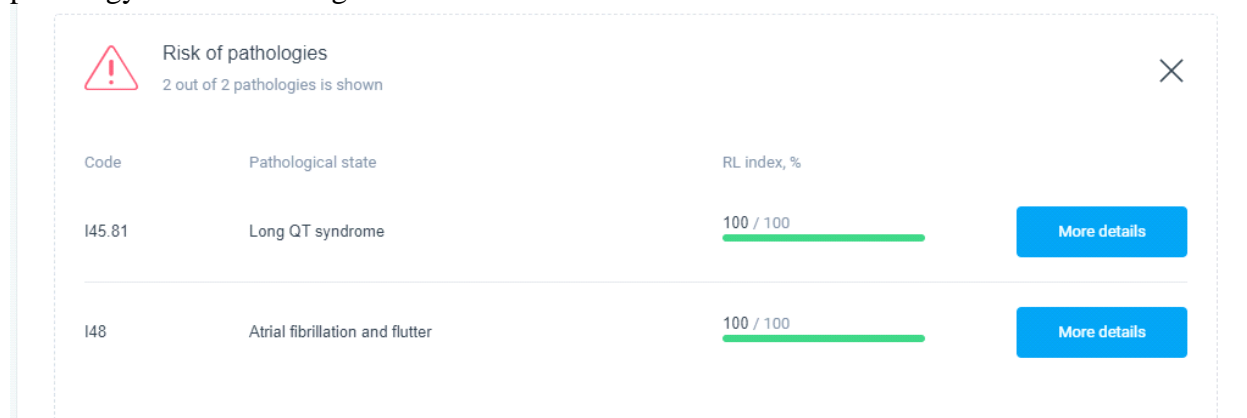


2: The measured value of the parameter.

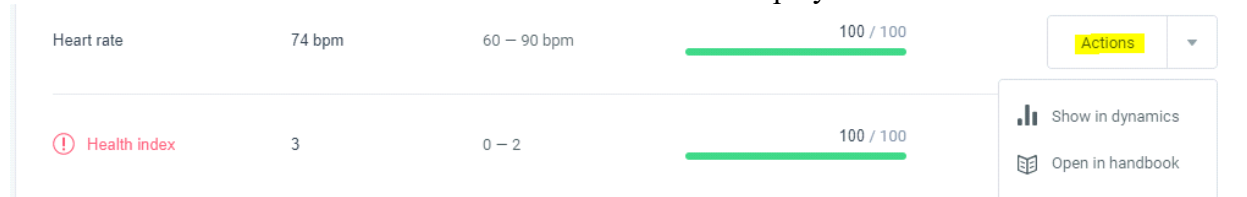
3: Parameter reference values.

4: RL index,%. It is displayed graphically in green or red and in numeric value in%. It characterizes the efficiency of the mathematical algorithm of software in calculating the indicator for a specific heart activity (HA).

When displaying “ECG findings” or “Risk of pathologies”, this indicator indicates the risk of pathology or ECG-findings.



5: “Actions” button. At the click of a button the menu is displayed:

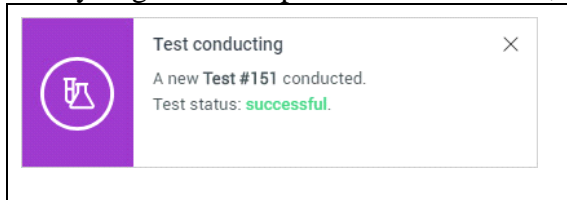


- Show in dynamics - view the dynamics of the selected parameter, or multiple parameters (no more than three) in graphical form (Section 6);

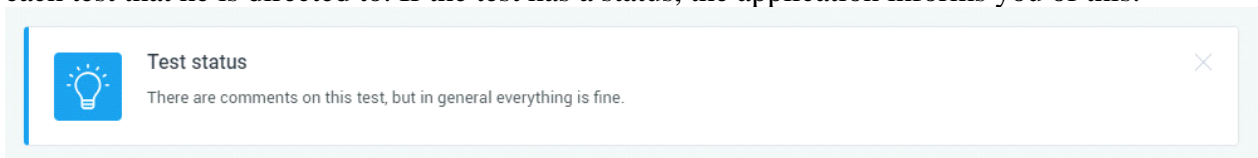


- Open in handbook – when this menu is selected, the user goes to the medical directory located at the link <https://medbook.kolibri.one/>
- 

When you go to a new personal test account, the application will notify you of this:



If a user connects his account to a remote doctor's account, the doctor can assign a status to each test that he is directed to. If the test has a status, the application informs you of this:



## 5.2. Tests archive.

Tests archive - an application page that contains information about all user tests conducted with the KOLIBRI software installed in your personal gadget.

The page is located at: <https://kolibri.one/main/tests/archive>. When loading a page, the last 25 tests performed are displayed to the user. Use scrolling to automatically upload tests. There is no pagination.

Note:

Pagination is a breakdown of a huge array of data (usually of the same type) into small pages. And with the display of numbered navigation on them.

Tests archive

MM/DD/YYYY – MM/DD/YYYY

Successful Failed

No.	Date and time	Status	Signal quality	Noise level	Risk of pathologies	Actions
151	06/28/2018, 9:39 PM	SUCCESSFUL	High	Medium	–	Actions
150	06/28/2018, 9:38 PM	SUCCESSFUL	High	Medium	–	Actions
149	06/27/2018, 4:19 PM	SUCCESSFUL	High	Medium	–	Actions
148	06/23/2018, 4:50 PM	SUCCESSFUL	High	Medium	–	Actions

1: Test filtration field by date. For a detailed description of the “Period” filter, see [Chapter 15](#).

2: Filtering tests by their status is a **marker 5**. When the filter is on (the filter bar is green), the selected option is active. Failed tests are disabled by default. As an example, the failed tests filter is active, successful is disabled:

No.	Date and time	Status	Signal quality	Noise level	Risk of pathologies	Actions
130	06/15/2018, 2:05 PM	FAILED	Medium	High	-	Actions
125	06/15/2018, 1:54 PM	FAILED	High	Low	-	Actions
104	06/12/2018, 2:42 PM	FAILED	Medium	Low	-	Actions
103	06/06/2018, 3:12 PM	FAILED	Unknown	Unknown	-	Actions

3: The HSP KOLIBRI test sequence number.

4: Date and time of the test.

5: Test success status. Status can have one of 2 values:

- successful - the test was successful;
- failed - test was failed.

6: Quality of HA (hearth activity) signal during the test. The signal quality can have one of 3 values:

- high - high quality of the signal;
- medium - average signal quality.
- low - low signal quality.

7: Noise level during the test. Noise level can have one of 3 values:

- high - a large amount of signal noise;
- medium - the average amount of noise in the signal.
- low - a small amount of signal noise.

8: Number of possible pathological conditions found. The metric can have one of 2 conditions: no pathology found (omission) or N pathology found.

9: Actions button. If the test has the status "SUCCESSFUL" the button is active, which allows you to open a drop-down list when selected:

No.	Date and time	Status	Signal quality	Noise level	Risk of pathologies	Actions
151	06/28/2018, 9:39 PM	SUCCESSFUL	High	Medium	-	Actions
150	06/28/2018, 9:38 PM	SUCCESSFUL	High	Medium	-	Actions
149	06/27/2018, 4:19 PM	SUCCESSFUL	High	Medium	-	Actions
148	06/23/2018, 4:50 PM	SUCCESSFUL	High	Medium	-	Actions

- Open test - the link opens the selected test.
  - Open ECG - Link opens the ECG of the selected test.
  - Download PDF - download links for the PDF of the selected test. The PDF download mechanism is described in **SECTION 5.1**.
- If the test is “FAILED”, the action button will not be active. “FAILED” status tests are not allowed in the HSP KOLIBRI:

ID	Date/Time	Status	Level	Low	High	Actions
125	06/15/2018, 1:54 PM	FAILED	High	Low	High	Active
104	06/12/2018, 2:42 PM	FAILED	Medium	Low	High	Inactive

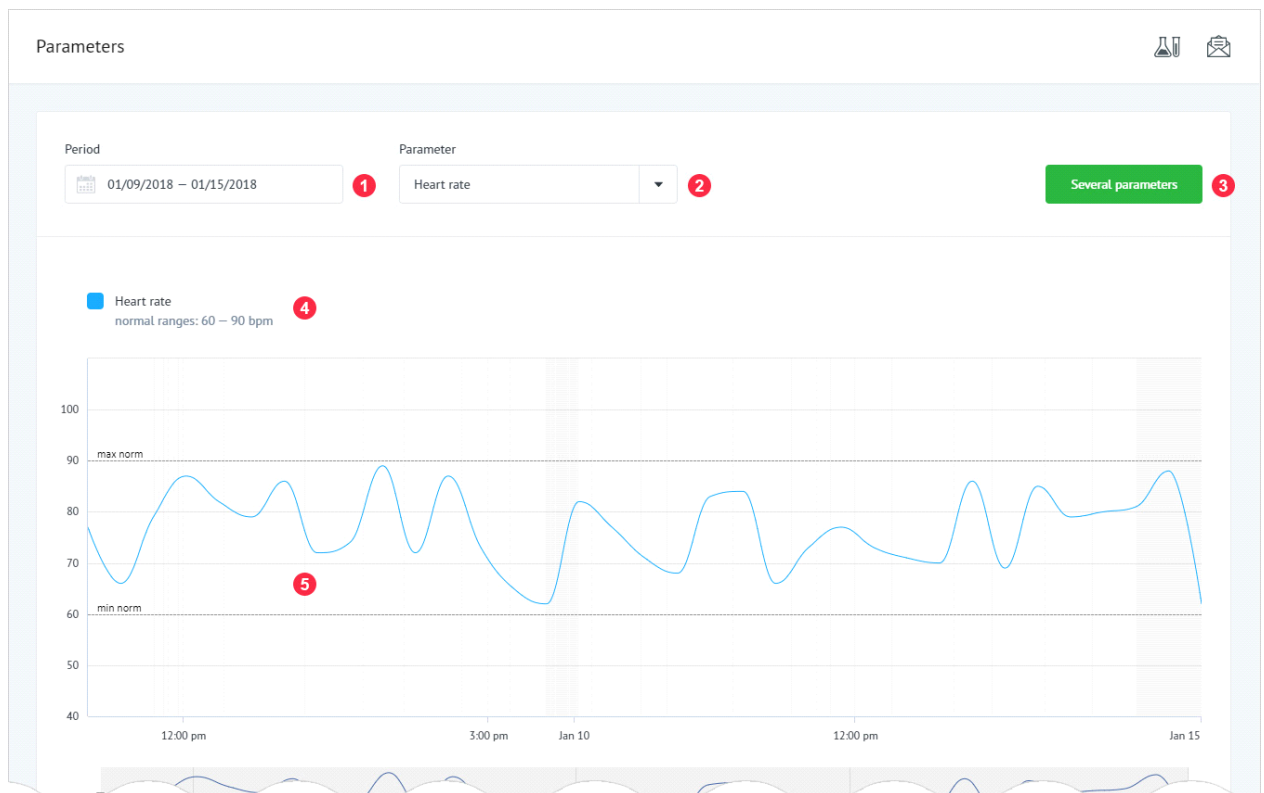
## 6. Graphs, statistics, results.

### 6.1. Parameters.

Parameters is an application page that displays the selected parameter in dynamics. The page is located at: <https://kolibri.one/main/charts/parameters>. By default, when loading a page, the dynamics of the “Heart rate” parameter is displayed.

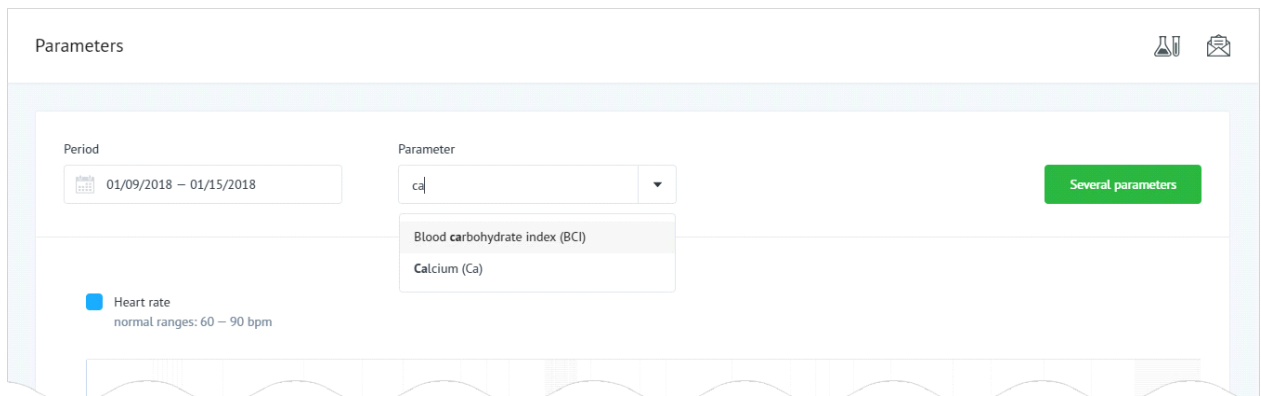
Graphing is possible both one by one and several parameters simultaneously on one working plane, but not more than three indicators at a time. The maximum number of graphs per plane is three. When plotting, the test parameter data with the status "FAILED" is ignored.

Parameters page layout:

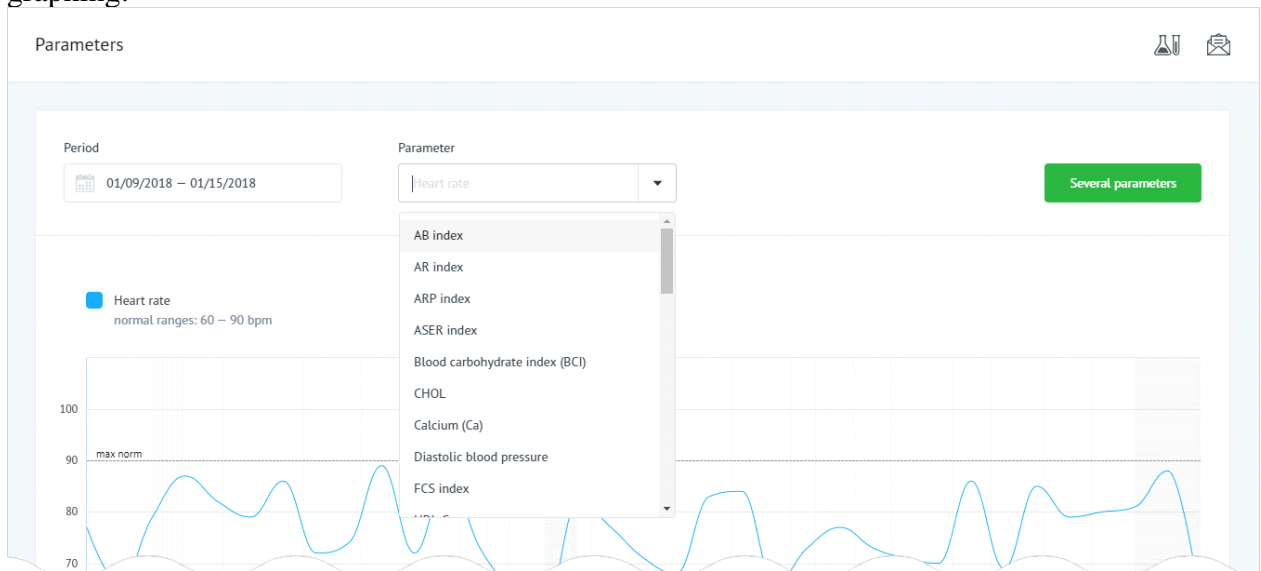


1: Date filtering field by date. For a detailed description of the operation of the “PERIOD” filter, see **SECTION 15**.

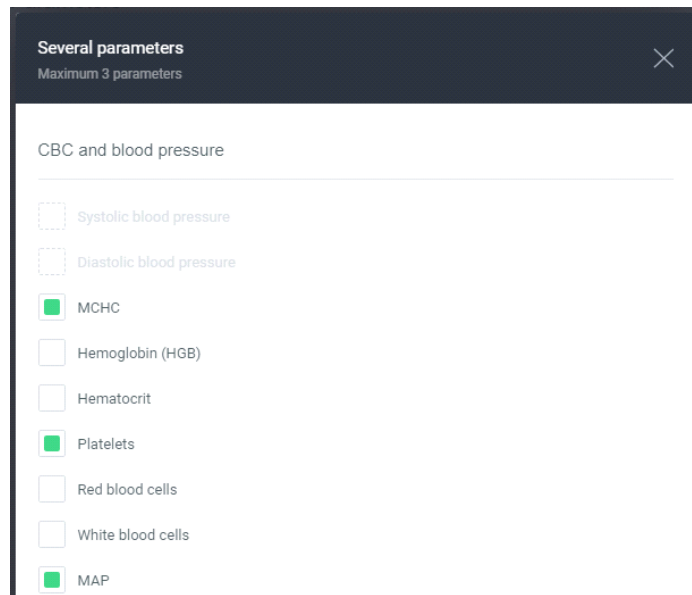
2: A parameter selection field for plotting, namely a drop-down list with a set of parameters. The field supports the input of the parameter name:



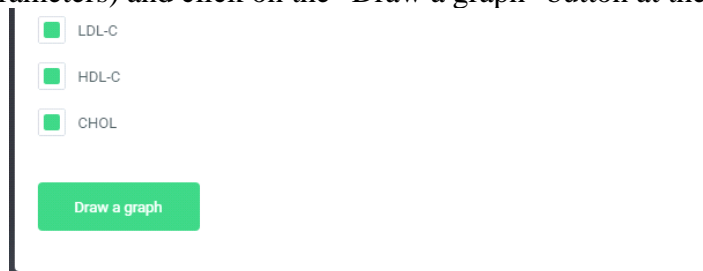
To plot, the user selects the desired parameter from the list (the selected parameter is indicated by a green box). The plotting will happen automatically. Drop-down list and graphing:



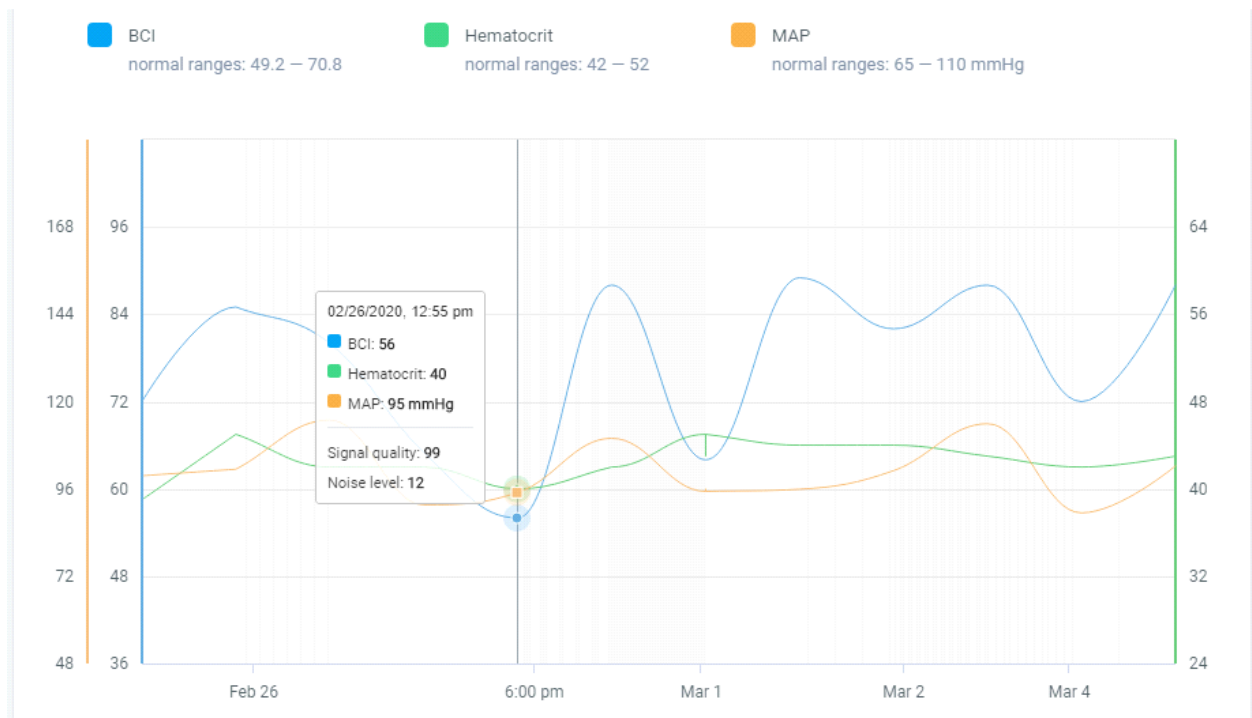
3: «Several parameters» button - to plot multiple graphs on the same work plane. Clicking the button will bring up a modal window with a list of available options:



To build multiple graphs on one working plane, the user must select the required parameters (maximum of 3 parameters) and click on the "Draw a graph" button at the end of the list:



Graphing according to the selected parameters on one working plane will be performed automatically:



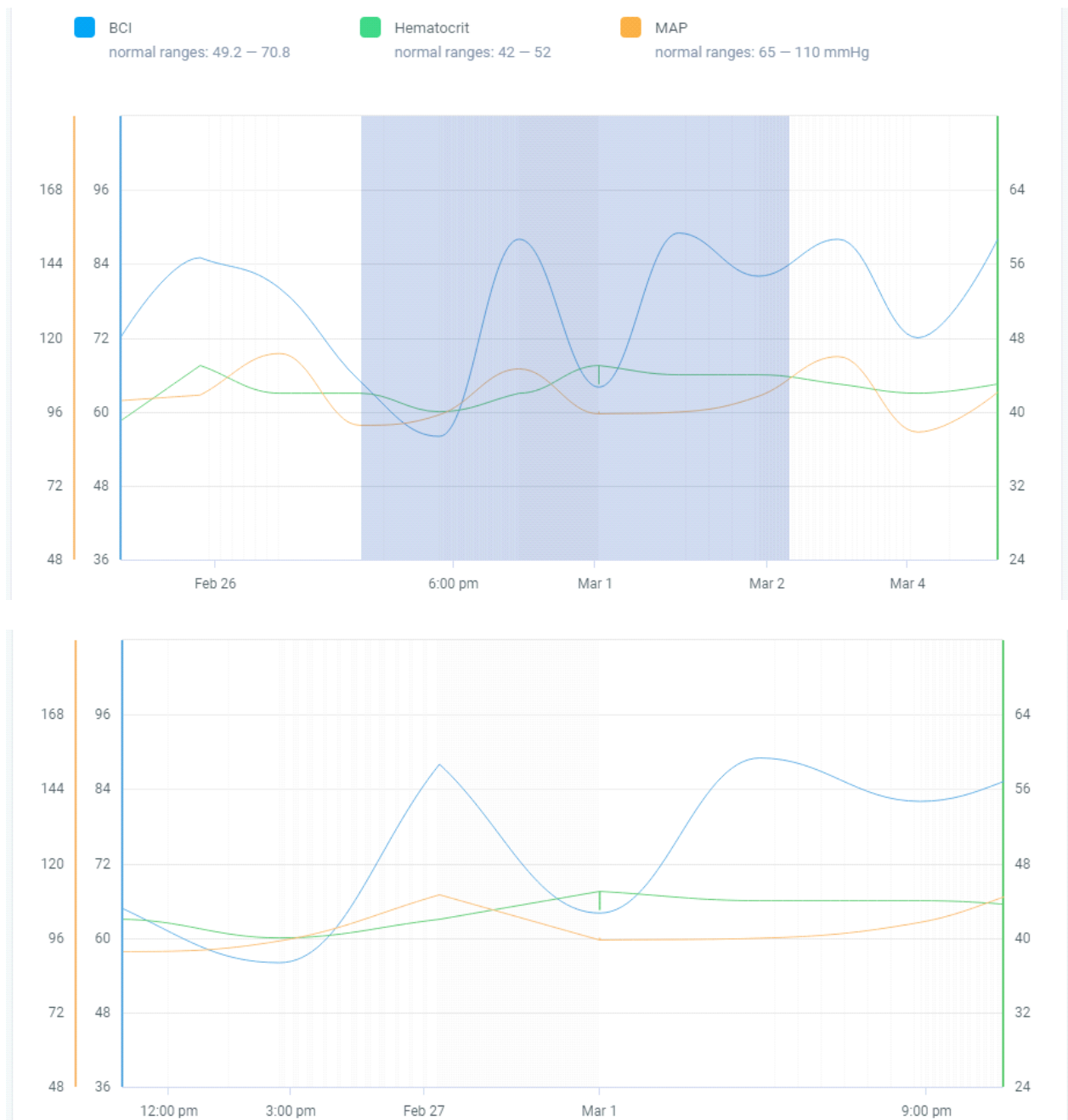
4: Legend with a list of current parameters, as well as reference values to them.

5: A working plane for displaying the graph of the selected parameter (s). When you hover your mouse over a graph, an additional popup window will appear with the measurement time and parameter value (s) at that point.

Scale management can be done in two ways:  
 keyboard and mouse;  
 the zoom bar below the workspace of the graph.

Zoom in with keyboard and mouse:

To zoom in, select the area to zoom in on the work plane (left mouse button pressed) and release. The zoom will happen automatically:



Move the graph by dragging the graph with the mouse pressed Shift ↑ button.

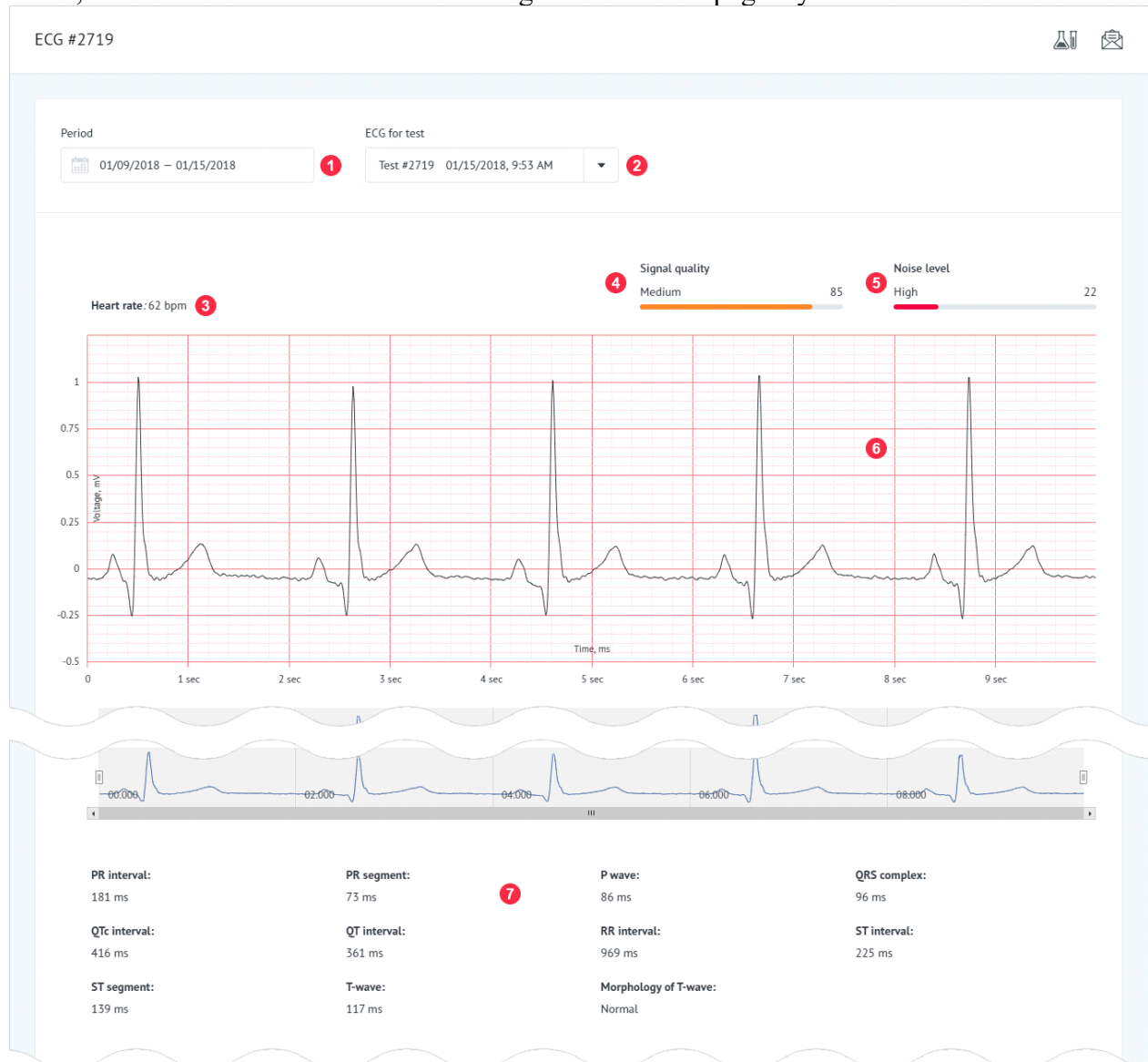
Zoom using the zoom control panel:



Zooming is performed with the sliders located on the edges of the panel - marker 1, 2. The movement of the graph is performed using the center slider located below the panel - marker 3.

## 6.2. Electrocardiogram.

ECG is an application page that displays the ECG test chart. The page is located at: <https://kolibri.one/main/charts/ecg>. By default, the page loads with the ECG schedule of the latest “SUCCESSFUL” test. ECG charting is only possible for tests with “SUCCESSFUL” status, and tests with “FAILED” status are ignored. General page layout:

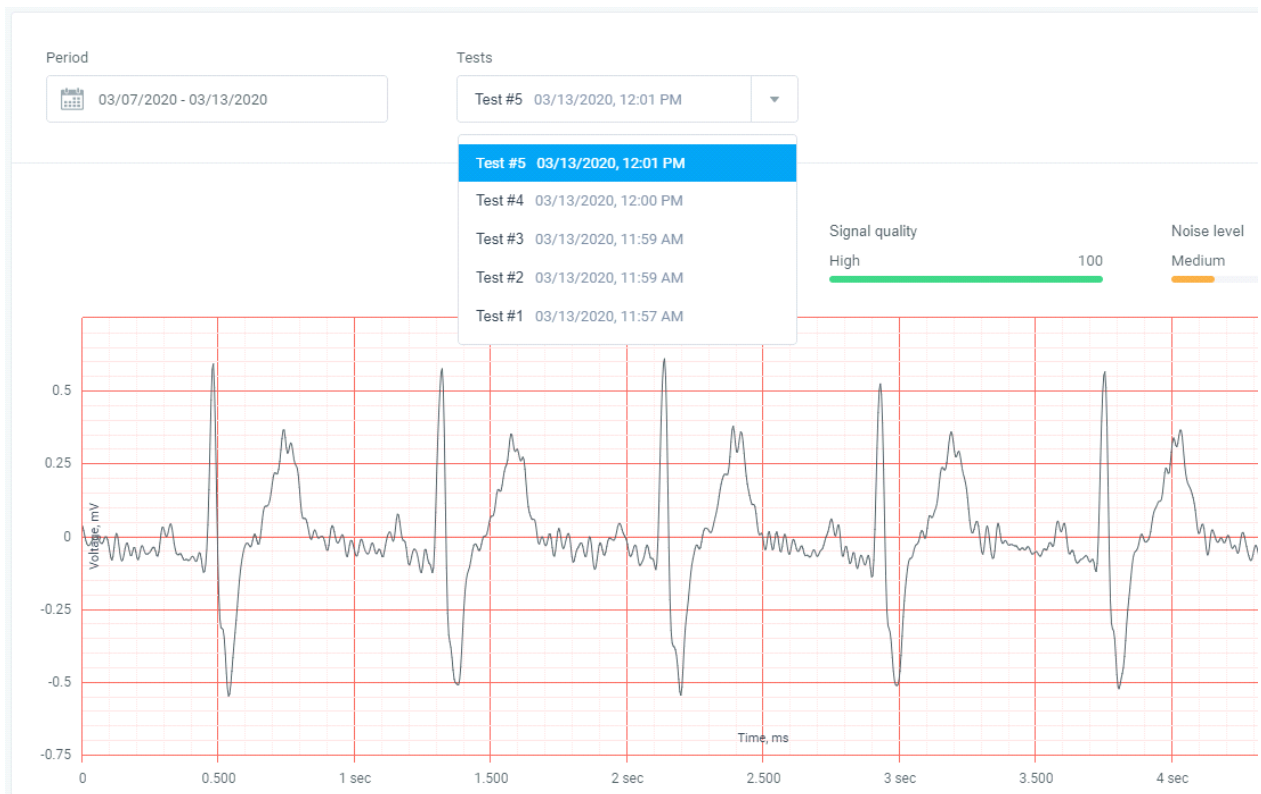


1: Date filter field. For a detailed description of the period filter, see **Chapter 15**.

2: The field for selecting the Tests for which the ECG chart is being constructed is a list of user tests. By default, the page loads tests for the last 7 days, since the date of the last test.

**Для побудови графіка ЕКГ, користувач вибирає необхідний тест зі**. The ECG graph will be generated automatically. Drop-down list and ECG graph:





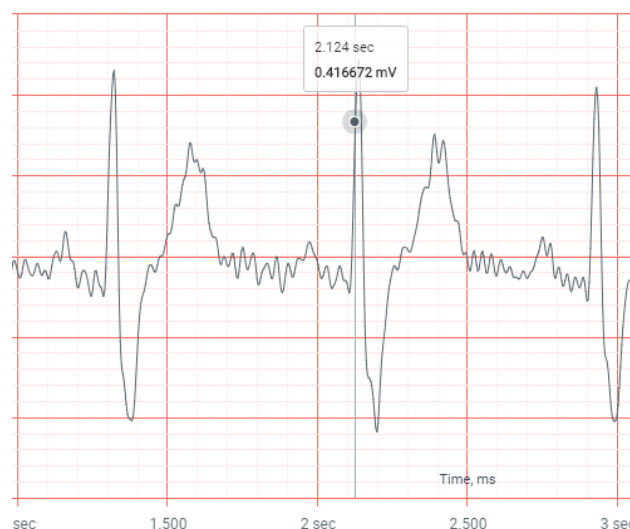
4: HA signal quality during the test. HA signal quality can have one of 3 values:

- high - high quality of the signal;
- medium - average signal quality.
- low - low signal quality.

5: Noise level during the test. Noise level can have one of 3 values:

- high - a large amount of signal noise;
- medium - the average amount of noise in the signal.
- low - a small (small) amount of signal noise.

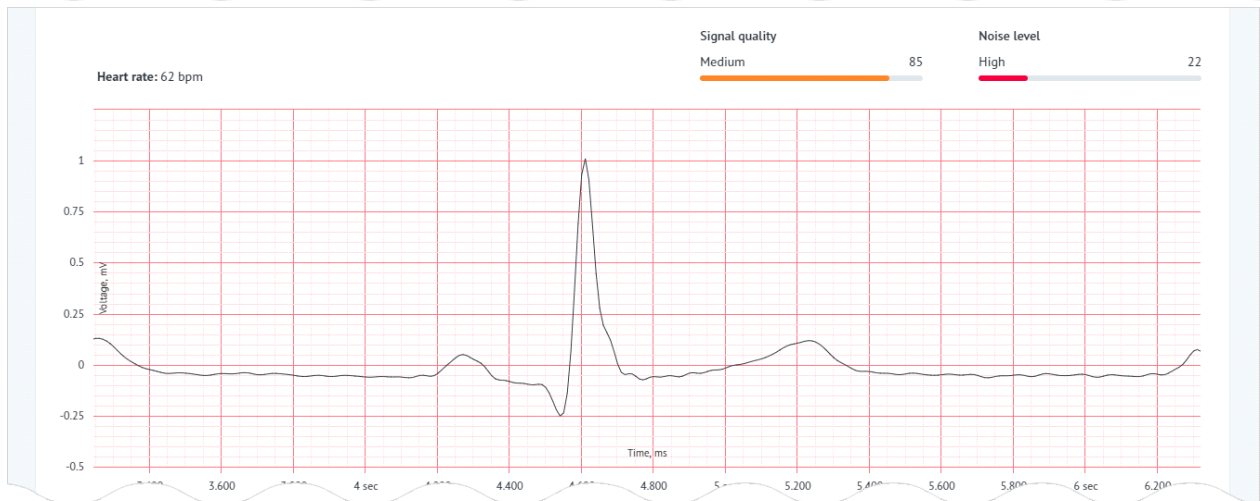
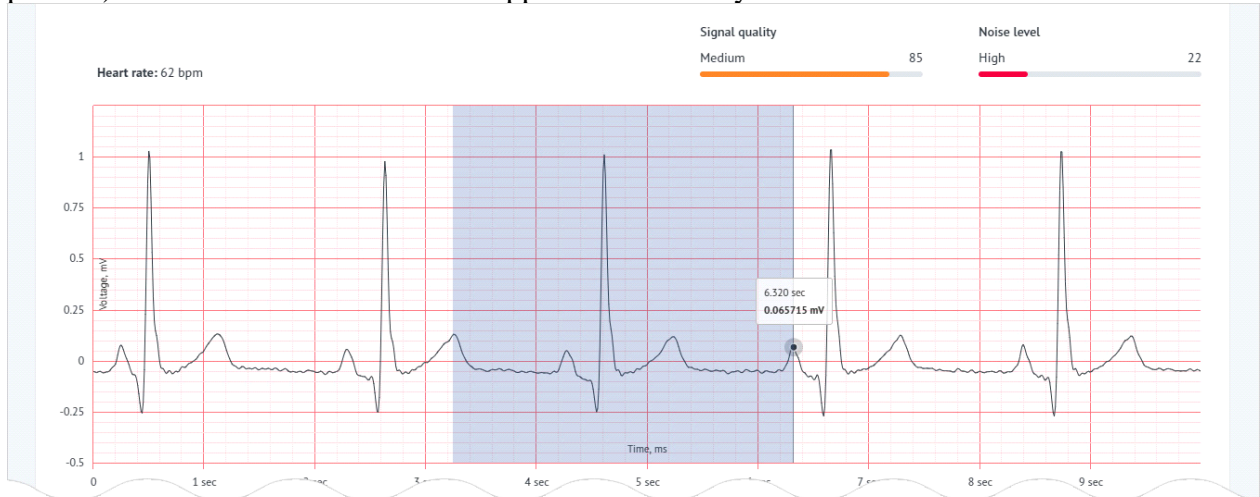
6: Working plane for displaying the ECG graph. When you hover your mouse over a graph, an additional popup window appears with the measurement time and voltage value at this point:



There are two ways to manage an ECG Scale:  
 keyboard and mouse;  
 the zoom bar, below the workspace of the graph.

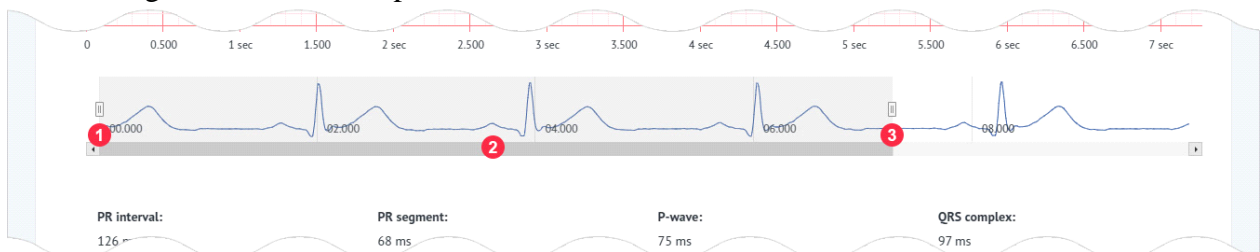
Zoom in with keyboard and mouse:

To zoom the ECG chart, use the mouse to zoom in on the work plane (left mouse button pressed) and release. The zoom will happen automatically:



Move the graph by dragging the latter with the mouse with the Shift ↑ key pressed.

Zoom using the zoom control panel:



Zooming is performed with sliders located on the edges of the panel - marker 1, 2. Move the graph using the center slider located below the panel - marker 3.

6: List of ECG parameters.

## 7. Balance.

### 7.1. Balance replenishment.

Balance replenishment the application page that is used to replenish the balance inside the HSP KOLIBRI. The page is located at: <https://kolibri.one/main/balance/replenishment>.

General page layout Balance replenishment:

Balance replenishment

1	2	3
Available balance	Min. replenishment	Max. replenishment
436.2 USD	2 USD	2000 USD

Amount of replenishment (USD)

Enter amount of replenishment 4

Payment method

PayPal 5

Replenish

- 1: Current user balance in the HSP KOLIBRI.
- 2: Minimum amount of replenishment.
- 3: The maximum amount of balance replenishment.
- 4: Field for entering the balance amount.
- 5: The dropdown list of available payment systems in the application.

For some regions, the page may have a slightly different interface:

Amount of replenishment (USD)

100

Payment method

PayPal Paymentwall

PayPal Paymentwall

Replenish

To replenish the balance in the HSP KOLIBRI, the user must enter the required amount in the field to enter the amount of replenishment - marker 4. The amount of replenishment should be in the interval between the maximum and minimum amount of replenishment - marker 2, 3.

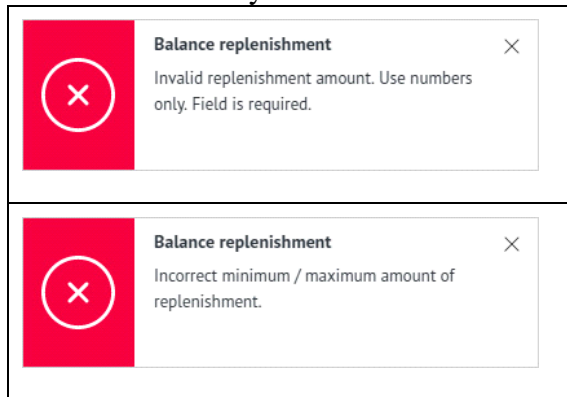
The field for entering the amount of replenishment has a built-in mechanism of data validation. Requirements for the field for entering the amount of replenishment:

Amount of replenishment:

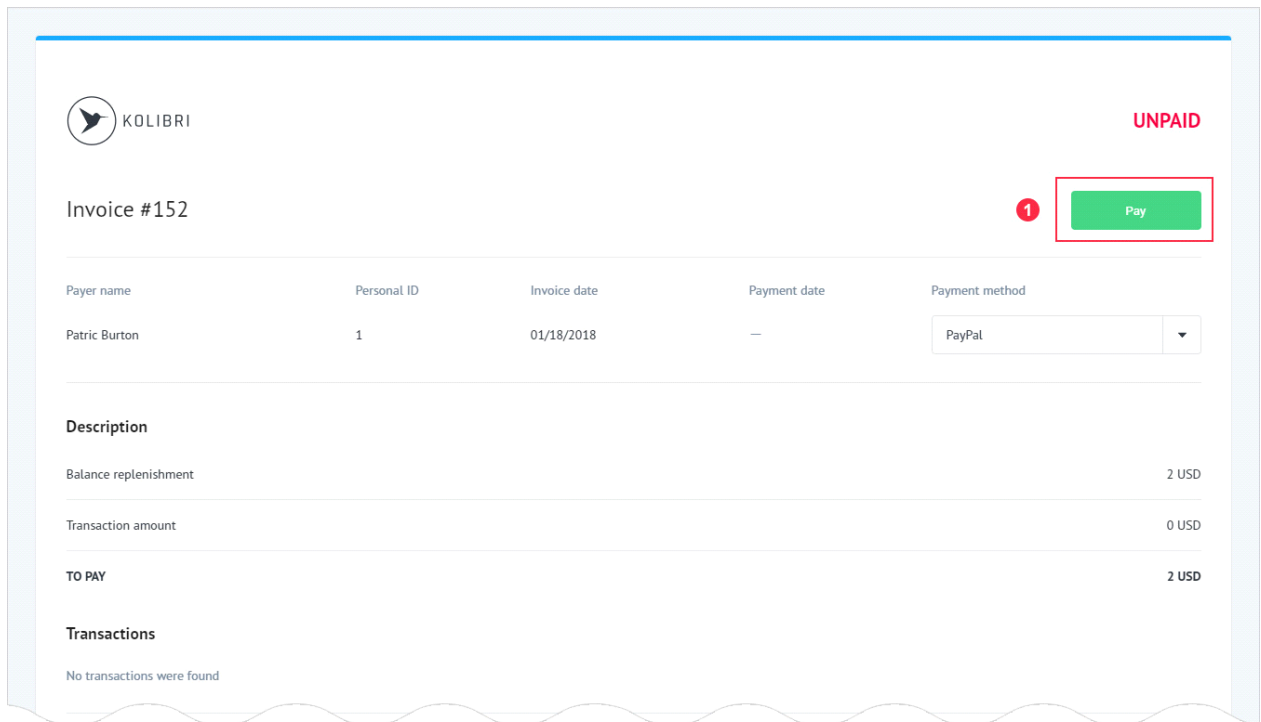
- the field cannot be empty;
  - only numbers are allowed;
  - the amount of replenishment cannot be lower than the minimum amount of replenishment;
  - the amount of replenishment cannot be higher than the maximum amount of replenishment.
- After entering the amount of replenishment, the user selects the type of payment system for the transaction - marker 5.

After selecting the payment system, the user clicks the "Replenish" button.

If the data entered by the user contains errors, the application informs him about it:

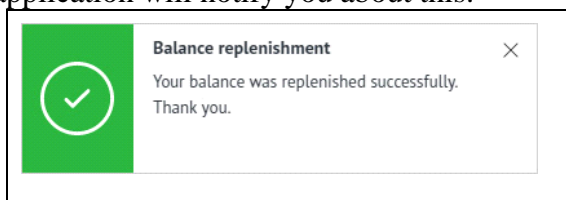


If all data is entered correctly, the application redirects the user to the generated invoice to replenish the balance. For details on the invoice system, see [Chapter 8](#). An example of a generated invoice:

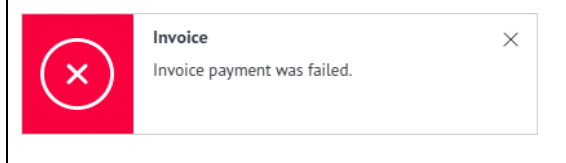


The user clicks on the button «Pay the invoice» to pay the bill - marker 1.

If the invoice payment is successful and the balance in the HSP KOLIBRI is replenished, the application will notify you about this:

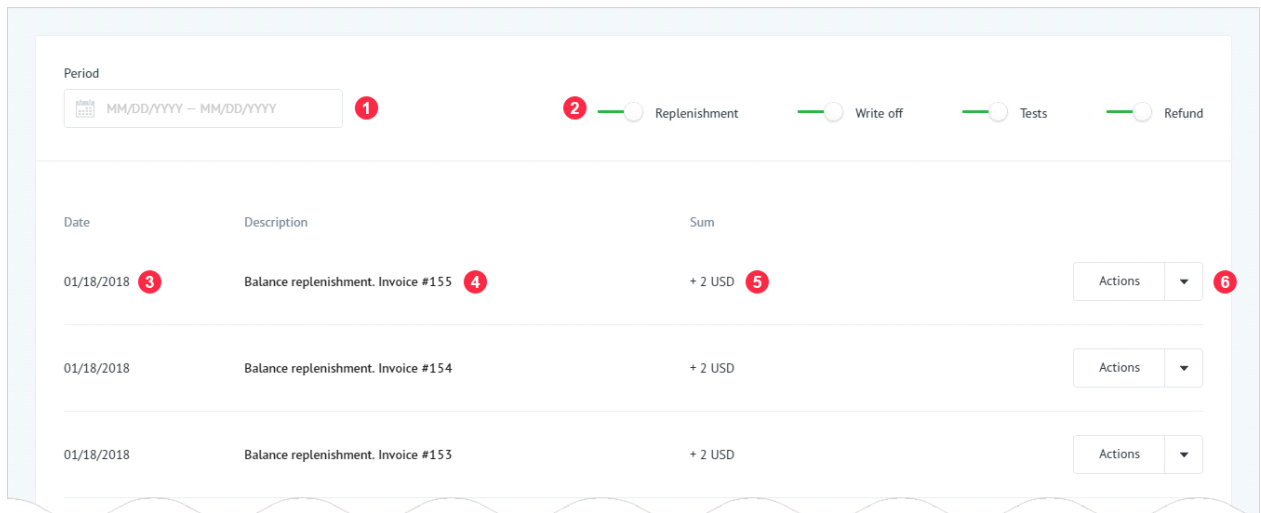


If an error occurred while paying the invoice, the application will notify you about this:



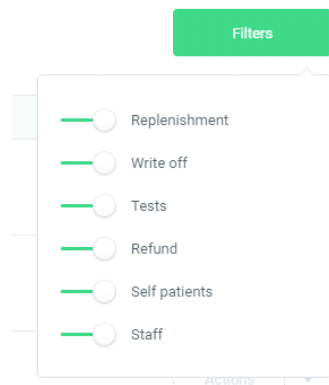
## 7.2. Balance history.

Balance history - an app page that contains information about all user financial transactions in the HSP KOLIBRI. The page is located at: <https://kolibri.one/main/balance/history>. General page layout Balance history:



1: Field for filtering financial transactions by date. For a detailed description of the period filter, see [Chapter 15](#).

2: Filtering financial transactions by their type - marker 4. When the filter is on (the filter bar is green), the selected option is active. By default, all financial transactions are displayed. For some regions, the window may look different:



3: Date of the financial transaction.

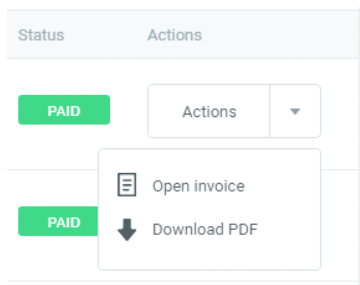
4: Type of financial transaction (Description of financial transaction).

5: Amount of financial transaction. The +/- arithmetic respectively indicate the addition / subtraction from the user balance of the specified amount.

6: Action Button. If the financial transaction does not involve invoice, the button will be inactive:

Date	Description	Sum	Actions
03/11/2020	Self patient creation	- 0.5 USD	Actions

If a financial transaction involves an invoice, the Actions button will be active. When you press the button, a list appears, with two types of actions:



Open invoice - a link to open an invoice for a given financial transaction.  
 Download invoice - PDF download link for invoice.

## 8. Invoices system.

### 8.1. Invoices.

Invoices is an application page that contains an archive of invoices generated in the HSP KOLIBRI. The page is located at: : <https://kolibri.one/main/invoices/archive>. When loading a page, the user is issued the last 25 generated invoices. As you move between objects (scrolling), automatic loading of invoices takes place. There is no pagination.

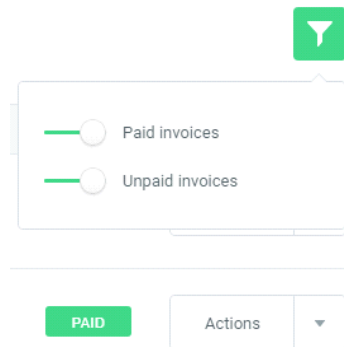
Note: Invoice that automatically generates the HSP KOLIBRI are not documents that bear, when they are generated, tax liabilities for the organization that generated them. A document called Invoice generated by the HSP KOLIBRI is informative.

No.	Subject	Invoice date	Payment date	Sum	Status	Actions
11	Balance replenishment	10/22/2018	-	2 USD	UNPAID	Actions
10	Purchase of plan: Extended (365 days)	10/22/2018	10/22/2018	357 USD	PAID	Actions
9	Purchase of plan: Starter (365 days)	10/22/2018	10/22/2018	89 USD	PAID	Actions
8	Purchase of plan: Extended (365 days)	10/22/2018	10/22/2018	357 USD	PAID	Actions
7	Purchasing of an activation key: Plan: Starter (365 days)	10/22/2018	10/22/2018	89 USD	PAID	Actions

1: Field for filtering tests by date of conduct. For a detailed description of the “Period filter”, see [Chapter 15](#).

2: Filter invoices by their status - marker 8. When the filter is on (the filter bar is green), the selected option is active. By default, both filters are active.

For some regions, the filter field may look different.



- 3: Invoice number in the HSP KOLIBRI.
- 4: Invoice theme (description).
- 5: Invoice creation date.
- 6: Invoice payment date.
- 7: Invoice total.
- 8: Invoice status. Status can have one of 2 values:
  - paid;
  - unpaid.
- 9: "Actions" button. At the click of a button, the user is given a choice of 2 or 3 options depending on the status of the invoice:
  - Open invoice;
  - Download invoice as PDF;
  - delete invoice - the option is only active if the invoice has the status «UNPAID» (Delete invoice). «PAID» status invoices are permanently stored in the HSP KOLIBRI.

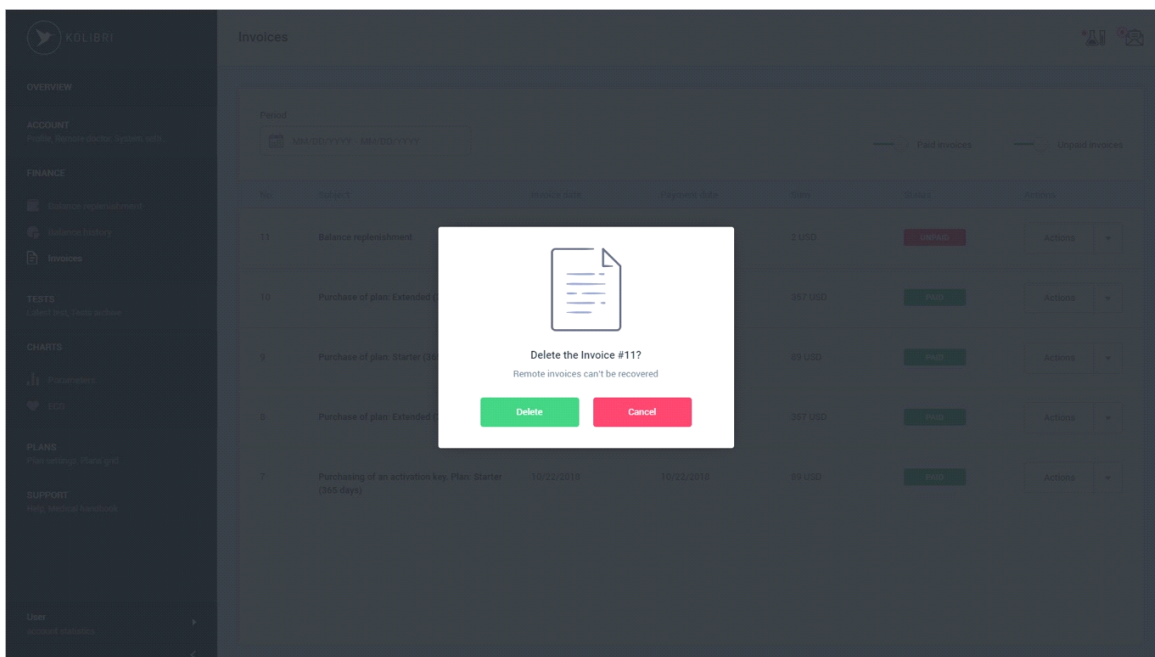
Invoices

Period:  
 Paid invoices
  Unpaid invoices

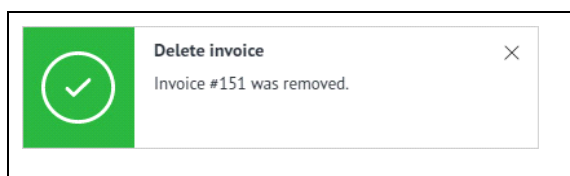
No.	Subject	Invoice date	Payment date	Sum	Status	Actions
11	Balance replenishment	10/22/2018	–	2 USD	UNPAID	<div style="border: 1px solid red; padding: 2px;">           Actions ▾            Open invoice            Download PDF            Delete invoice            Actions ▾         </div>
10	Purchase of plan: Extended (365 days)	10/22/2018	10/22/2018	357 USD	PAID	Actions ▾
9	Purchase of plan: Starter (365 days)	10/22/2018	10/22/2018	89 USD	PAID	Actions ▾
8	Purchase of plan: Extended (365 days)	10/22/2018	10/22/2018	357 USD	PAID	Actions ▾
7	Purchasing of an activation key. Plan: Starter (365 days)	10/22/2018	10/22/2018	89 USD	PAID	Actions ▾

To remove the invoice, the user clicks on the "Delete invoice" link, after which the program opens a modal window to confirm the decision to remove the invoice:

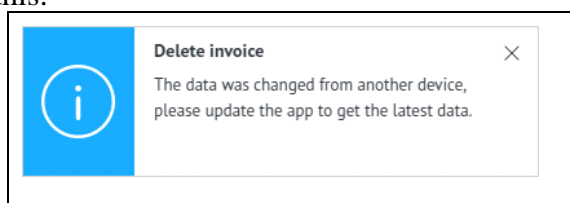




To confirm the operation, the user must click on the "Delete" button. If the user wants to cancel the operation, he must click the "Cancel" button or click outside the modal window. If the invoice removal was successful, the app will notify you about this:



If the invoice has already been removed from another device, the app will notify you about this:



## 8.2. Invoice.

Invoice - a page that contains details about the invoice. The page is located at: <https://kolibri.one/main/invoices/N>, where N is the invoice number. General view of the invoice:

Invoice #11 🔍 📧

---

KOLIBRI

1 UNPAID

**Invoice #11** 2

3 Pay

Payer name	Personal ID	Invoice date	Payment date	Payment method
User <span style="color: red; font-weight: bold;">4</span>	19 <span style="color: red; font-weight: bold;">5</span>	10/22/2018 <span style="color: red; font-weight: bold;">6</span>	- <span style="color: red; font-weight: bold;">7</span>	<div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> <span>PayPal</span> <span style="margin-left: 5px;">▼</span> </div> <span style="color: red; font-weight: bold; margin-left: 10px;">8</span>

**Description**

Balance replenishment <span style="color: red; font-weight: bold;">9</span>	2 USD
Transaction amount <span style="color: red; font-weight: bold;">10</span>	0 USD
<b>TO PAY</b> <span style="color: red; font-weight: bold;">11</span>	<b>2 USD</b>

**Transactions**

No transactions were found 12

1: Invoice status. Status can have one of two values:

- paid;
- unpaid.

2: Invoice number in the HSP KOLIBRI.

3: Invoice payment button.

4: Payer's name (username).

5: Personal number of the invoice payer.

6: Date of invoicing.

7: Invoice payment date. By default, the invoice payment date is the same as the invoice date. After invoice payment, the value is replaced by the current payment date.

8: Payment systems selection box. In some regions, your payment system selection list may look different. Before paying the invoice, the user can change the payment system to any of the available in the KOLIBRI application.

9: Invoice description.

10: Transaction amount completed.

11: Total amount of payment.

12: Transaction information.

To pay the invoice, the user must click on the button "Pay the invoice" - marker 3. After clicking on the button "Pay the invoice", the application will redirect the user to the selected payment system, where the user pays the invoice.

If the invoice payment is successful, the app will notify you. The message depends on the financial transaction.

✓

**Activation** ×

System was activated. Thank you.

✓

**Renewal** ×

Your plan was successful renewed. Thank you.

✓

**Plan order** ×

Purchase of the plan was successful. Thank you.

✓

**Balance replenishment** ×

Your balance was replenished successfully. Thank you.

If there is an error while paying the invoice, the app will notify you about this:

✗

**Invoice** ×

Invoice payment was failed.

After successful payment, the invoice information is replaced and updated with the latest payment information:

Invoice #10
🔍 📧

KOLIBRI

1 PAID

**Invoice #10**

Payer name	Personal ID	Invoice date	Payment date	Payment method
User	19	10/22/2018	10/22/2018 <span style="color: red; font-weight: bold;">2</span>	<div style="border: 1px dashed gray; padding: 2px; display: inline-block;">PayPal</div> <span style="color: red; font-weight: bold;">3</span>

**Description**

Purchase of plan: Extended (365 days)	357 USD
Transaction amount <span style="color: red; font-weight: bold;">4</span>	357 USD
PAID	357 USD

**Transactions** 5

Transaction date	Payment method	Transaction ID	Sum
10/22/2018, 4:31 PM	PayPal	PAY-7N617571HE747783VLP05CCI	357 USD

[email](#) [PDF](#)

HSP KOLIBRI® Ver.1.0

ID: KOLIBRI TF.16.001.004-IFU-HSP

2020-12-18 prepared by Pulavskyi

Page 55

- 1: Invoice status changes to “Paid”.
- 2: The payment date is fixed.
- 3: The payment system by which the invoice is paid is fixed.
- 4: The transaction amount through the payment system is fixed.
- 5: All transaction data is recorded.

The KOLIBRI application provides sending an invoice to the email specified by the user and downloading the invoice as a PDF file:

Transaction date	Payment method	Transaction ID	Sum
10/22/2018, 4:31 PM	PayPal	PAY-7N617571HE747783VLP65CCI	357 USD

1 Send via email
 2 Download PDF

1: A link to send an invoice to a user-specified email. When you click on a link, a modal window is called:

Send via email
✕

Send your **Invoice #116** via email:

Email

Enter email address

Send invoice

The form for sending an invoice to the specified email consists of one field, which is required:

The email field has a built-in data validator. Requirements for the field to send an invoice to the specified email.

Email:

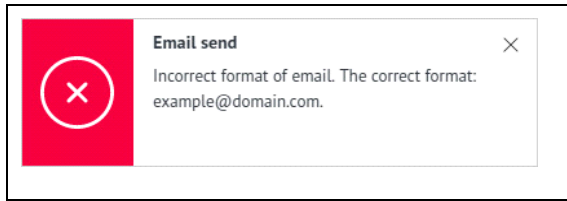
- the field cannot be empty;
- Email only is allowed (W3C Email Regex check).

After completing the form to send an invoice to the specified email, the user clicks the "Send invoice" button.

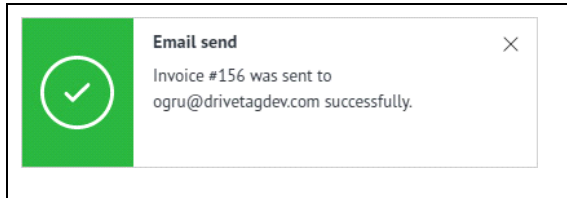
If the data entered by the user contains errors, the application informs him about it:

✕
Email send
✕

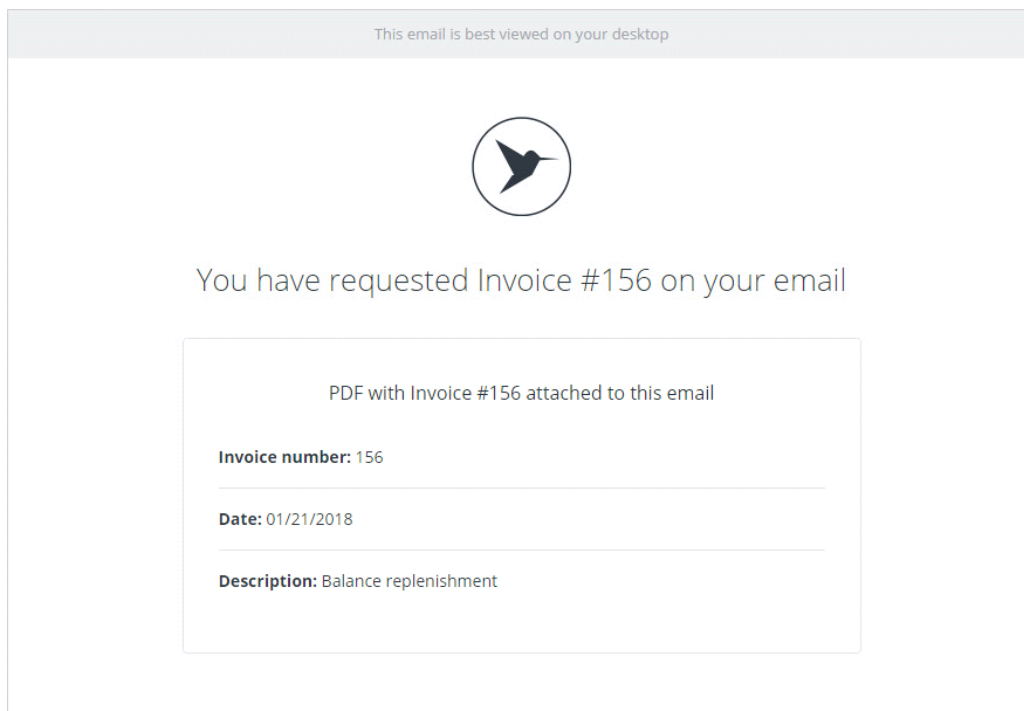
All fields are required.



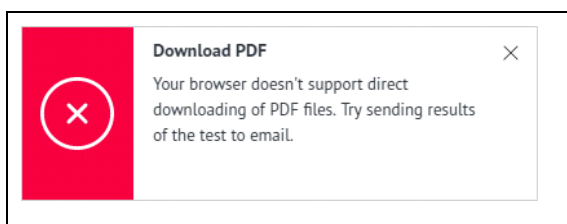
If the form fields are filled in correctly, the application will notify the successful sending of the invoice to the specified email:



An email with an invoice is sent to the email specified by the user. Invoice is attached to the email as a PDF file:



The download link for the PDF invoice is at the bottom of the letter as an attachment. To download the file, the user clicks on the specified link. Generating a file takes 2 to 10 seconds. If the user's browser does not support direct download of the PDF file, the application informs about it:



## 9. Plan system.

### 9.1. Tariff plans.

Plans - an application page that contains a list of tariff plans in HSP KOLIBRI. The page is located at: <https://kolibri.one/main/plans>. The tariff plans in HSP KOLIBRI are divided into two groups: "Personal" and "Corporate". General page layout:

1: System notification, mandatory refund to the user account, at HSP KOLIBRI, in case of purchase of a higher level tariff plan. The refund is calculated based on the number of days left and the cost of the old tariff plan.

When a user switches to a lower-level tariff plan, the funds for the days remaining from the old tariff plan are not refunded.

2: Switch between types of tariff plans: "Personal" and "Corporate".

### 9.2. Personal tariff plans.

Personal tariff plans are designed for one-person use of HSP KOLIBRI for personal use.

Tariff plan activated - marker 11.

1: The name of the tariff plan.

2: Description of the tariff plan.

3: Cost of the tariff plan for 1 month. The cost of a tariff plan for 1 month depends directly on the number of months for which the plan is ordered. The longer the period for which the plan is ordered, the cheaper the cost of the plan is for 1 month.

4: The discount received by the user, depending on the term for which the tariff plan is purchased (item 3).

5: Cost of one "successful" test. "FAILED" tests are not charged.

6: The number of free tests that are issued to the user once a day.

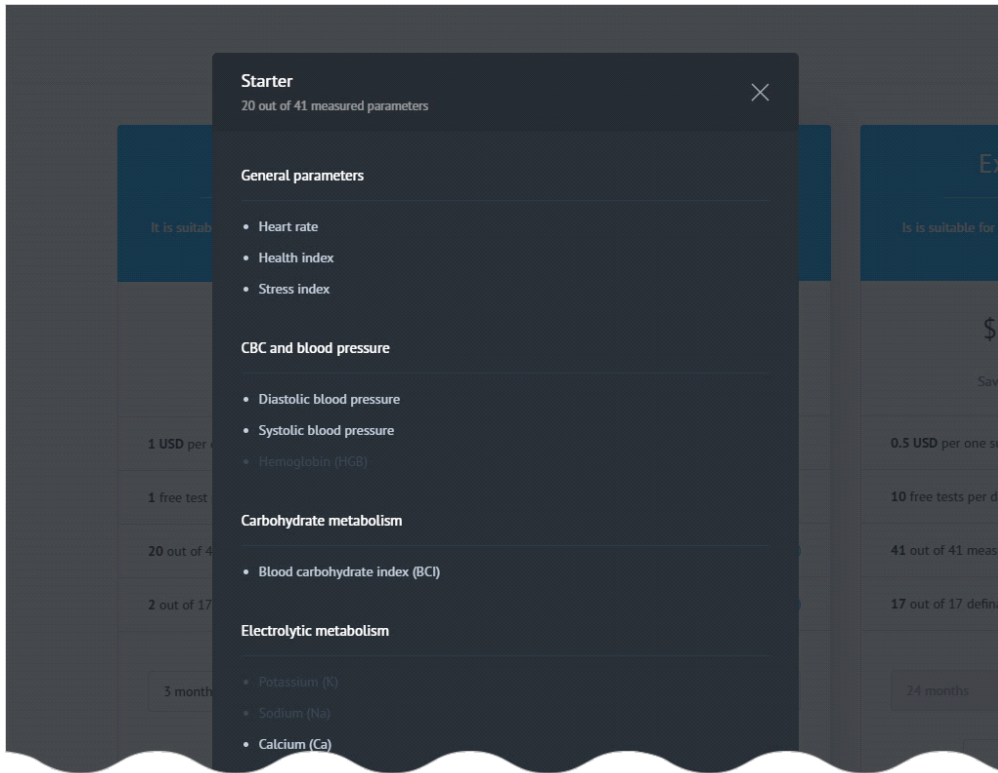
7: Number of parameters that will be displayed to the user after passing the test. HSP KOLIBRI always calculates the full range of parameters, regardless of the tariff plan, which limits only the display of these parameters.

General view of the page with billing plans of type "Personal":

The screenshot displays three billing plan options: Starter, Basic, and Extended. Each plan is presented in a card format with a blue header, a description, pricing, and a list of features. Red circular markers (1-11) highlight specific UI elements across the plans.

Plan	Price / month	Saving	Test Cost	Free Tests / day	Parameters	Pathologies	Duration	Buttons
Starter	\$ 7	6.72 USD	1 USD	1	20 out of 41	2 out of 17	12 months	Choose plan
Basic	\$ 15	13.44 USD	0.75 USD	5	25 out of 41	8 out of 17	12 months	Choose plan
Extended	\$ 29	69.12 USD	0.5 USD	10	41 out of 41	17 out of 17	24 months	ACTIVATED

To view detailed information about the parameters that will be displayed in the tariff plan, the user clicks on this item description of the tariff plan - marker 7. The application will open a modal window:



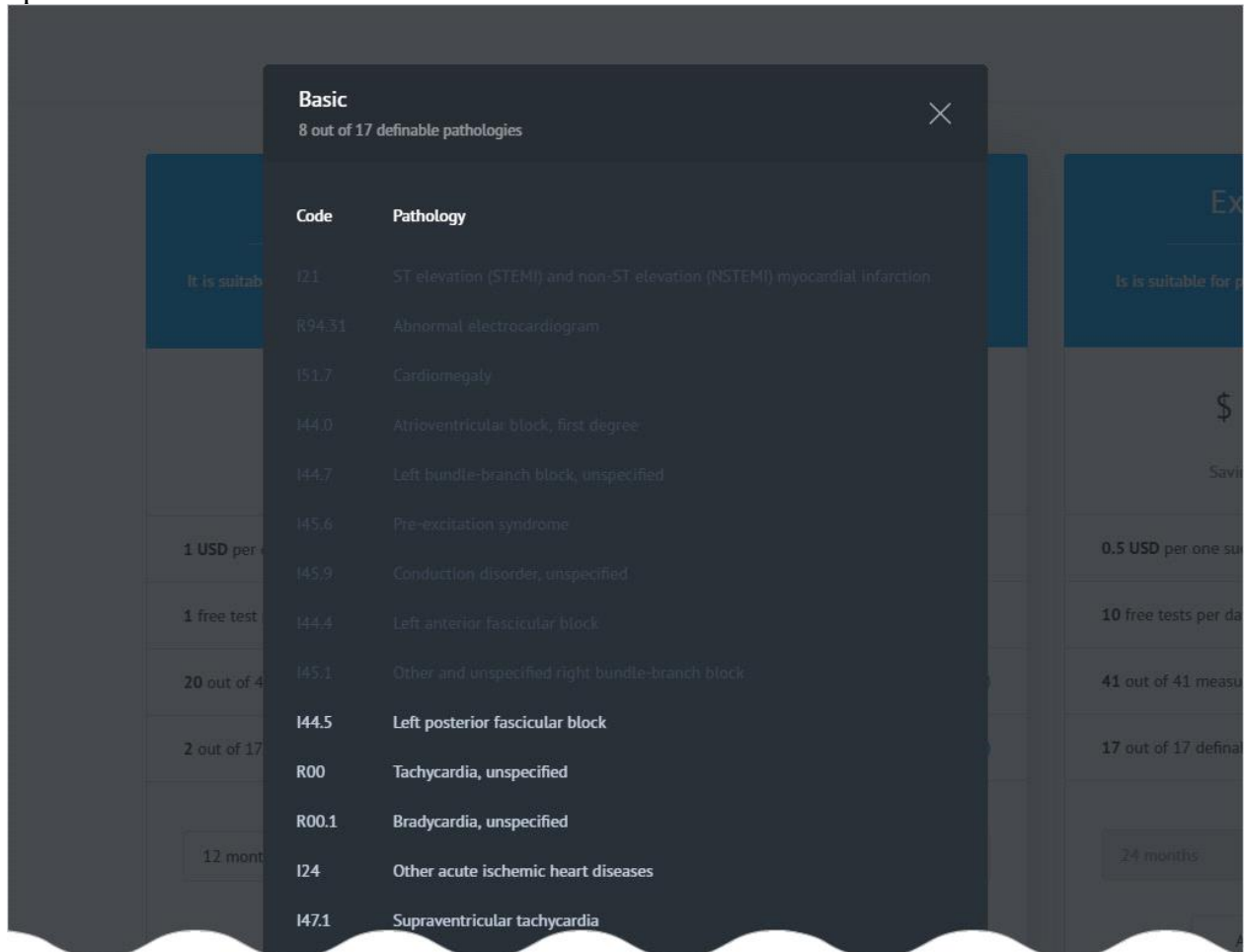
White highlights the parameters that KOLIBRI will display to the user in the selected tariff plan.

8: Number of pathological conditions that will be displayed to the user after passing the test. HSP KOLIBRI always measures the full spectrum of pathological conditions, regardless of the tariff plan, which limits only the display of these conditions.

To view detailed information about pathological conditions that will be displayed in the tariff plan, the user clicks on this item description of the tariff plan - marker 8. The application will



open a modal window:



9: The period for which the tariff plan is ordered. The drop-down list contains 6 time slots:

- 1 month;
- 3 months;
- 6 months;
- 12 months;
- 24 months;
- 36 months.

Note: Periods may have different intervals in some regions.

10: Button to select a tariff plan. For more information on ordering a tariff plan, see

**SECTION 9.4.**

### 9.3. Corporate tariff plans.

“Corporate” tariff plans are designed for use by HSP KOLIBRI by a doctor or clinic for the purpose of examining patients. General view of the “Corporate” tariff plans page:

The screenshot displays three corporate tariff plans side-by-side. Each plan is presented in a card format with a blue header, a description, a monthly cost, a savings amount, and a list of benefits. The plans are: Doctor S (1), Doctor M, and Doctor L. The Doctor S plan costs \$60/month with a saving of 53.76 USD. The Doctor M plan costs \$119/month with a saving of 107.52 USD. The Doctor L plan costs \$238/month with a saving of 215.04 USD. Each plan card has a 'Choose plan' button at the bottom. The page is titled 'Plans' and has navigation icons in the top right corner.

1: Name of the tariff plan.

2: Description of the tariff plan.

3: Cost of one-month tariff plan. The cost of a one-month tariff plan directly depends on the number of months for which the plan is ordered. The longer the plan is ordered, the cheaper the cost of the plan is by one month.

4: Discount received by the user, depending on the term for which the tariff plan is purchased (item 3).

5: Cost of one "SUCCESSFUL" test. "FAILED" tests are not charged.

6: Cost of creating one additional patient account when the total number of patients exceeds the number of free patients in the tariff plan.

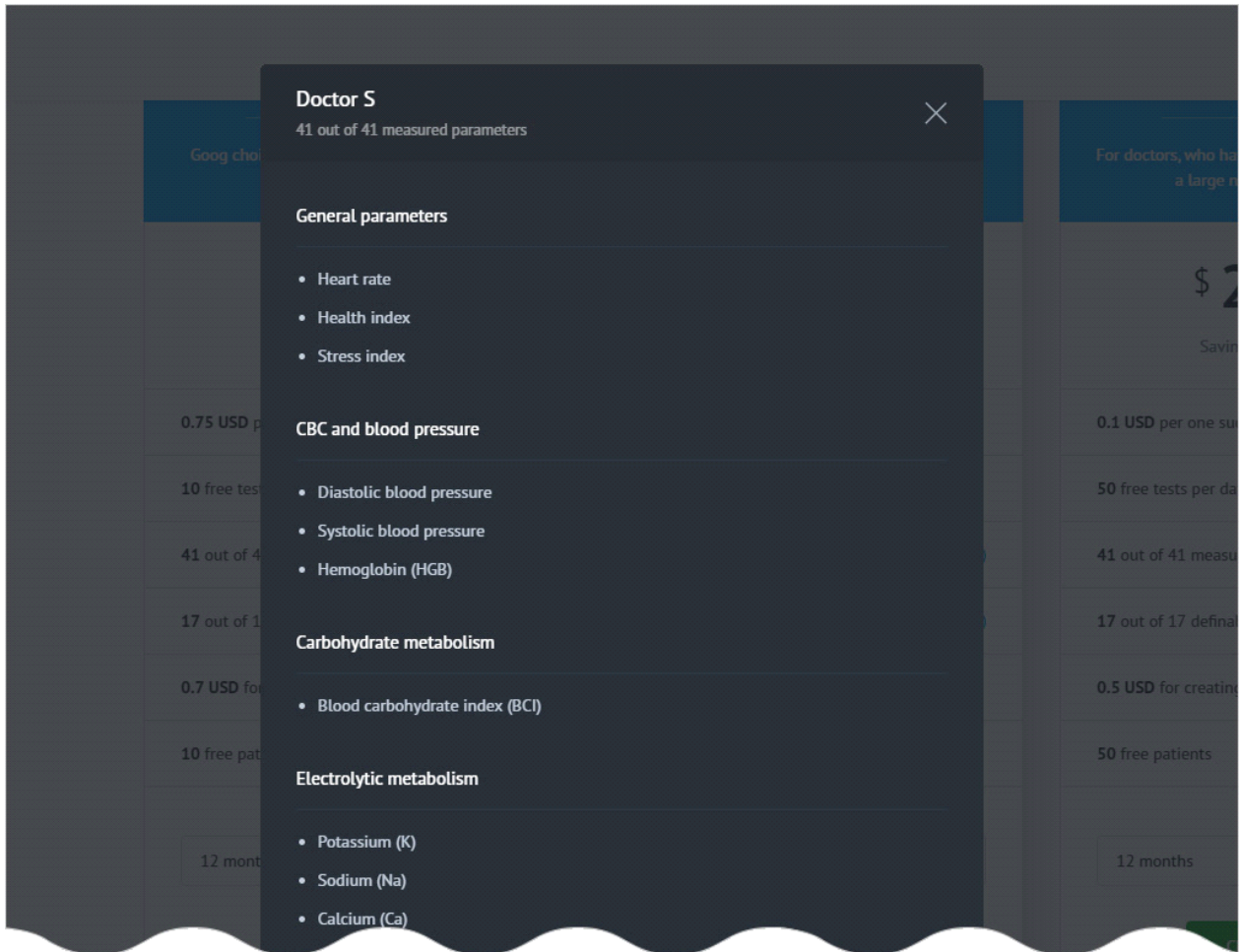
7: Cost of creating one medical staff member when the total number of medical staff exceeds the number of free medical staff members in the tariff plan.

8: The number of free tests that are issued to the user once a day.

9: Number of free patient bills in the tariff plan.

10: Number of free medical staff members in the tariff plan.

11: Number of parameters that will be displayed to the user after testing. HSP KOLIBRI always measures the full range of parameters, regardless of the tariff plan, which limits only the display of these parameters. To view the details of the parameters that will be displayed in the tariff plan, the user clicks on this item description of the tariff plan - marker 7. The application will open a modal window:



The parameters are highlighted white to the user in this tariff plan by HSP KOLIBRI.

12: Number of pathological conditions that will be displayed to the user after passing the test. HSP KOLIBRI always measures the full spectrum of pathological conditions, regardless of the tariff plan, which limits only the display of these conditions.

13: Period for which the tariff plan is ordered. The drop-down list contains 6 pre-time slots:

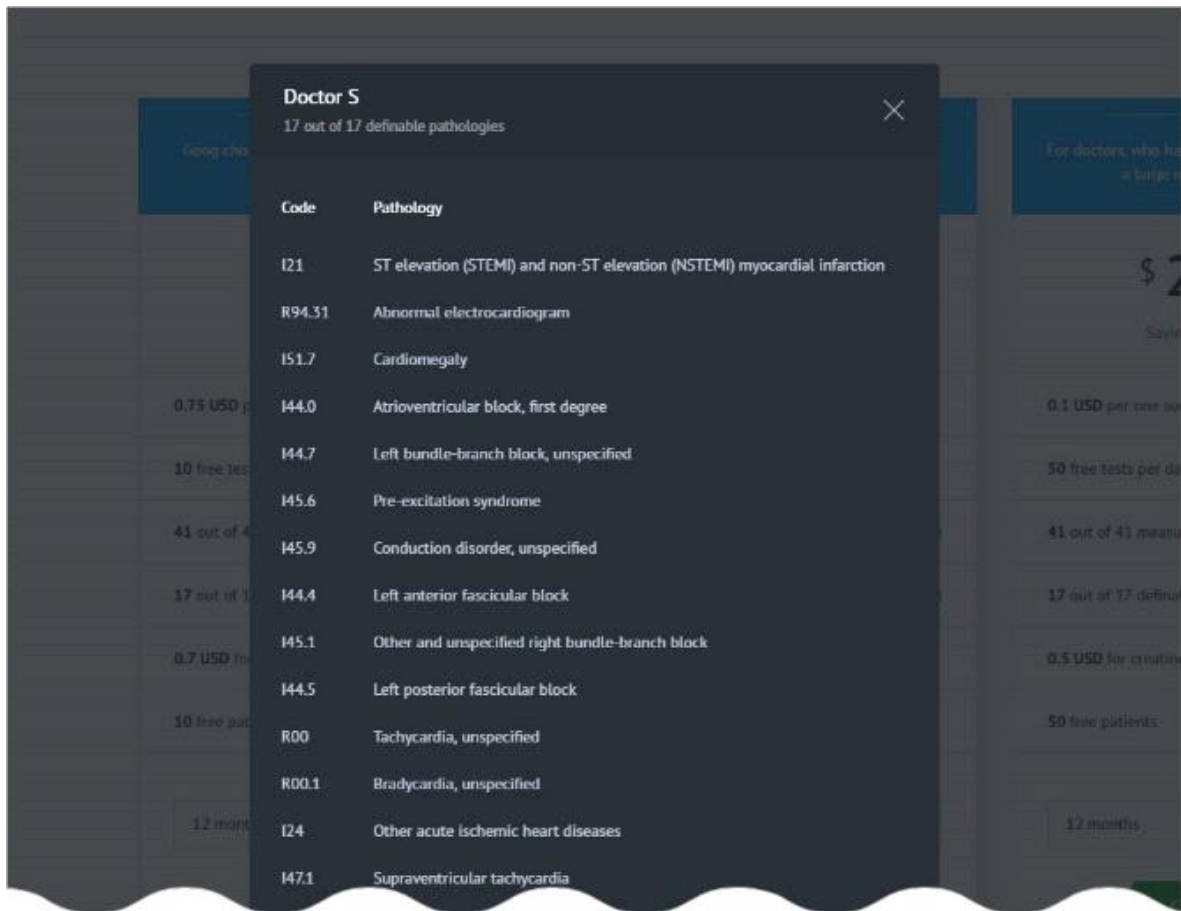
- 1 month;
- 3 months;
- 6 months;
- 12 months;
- 24 months;
- 36 months.

Note:

In some regions, the number of periods on the list may vary.

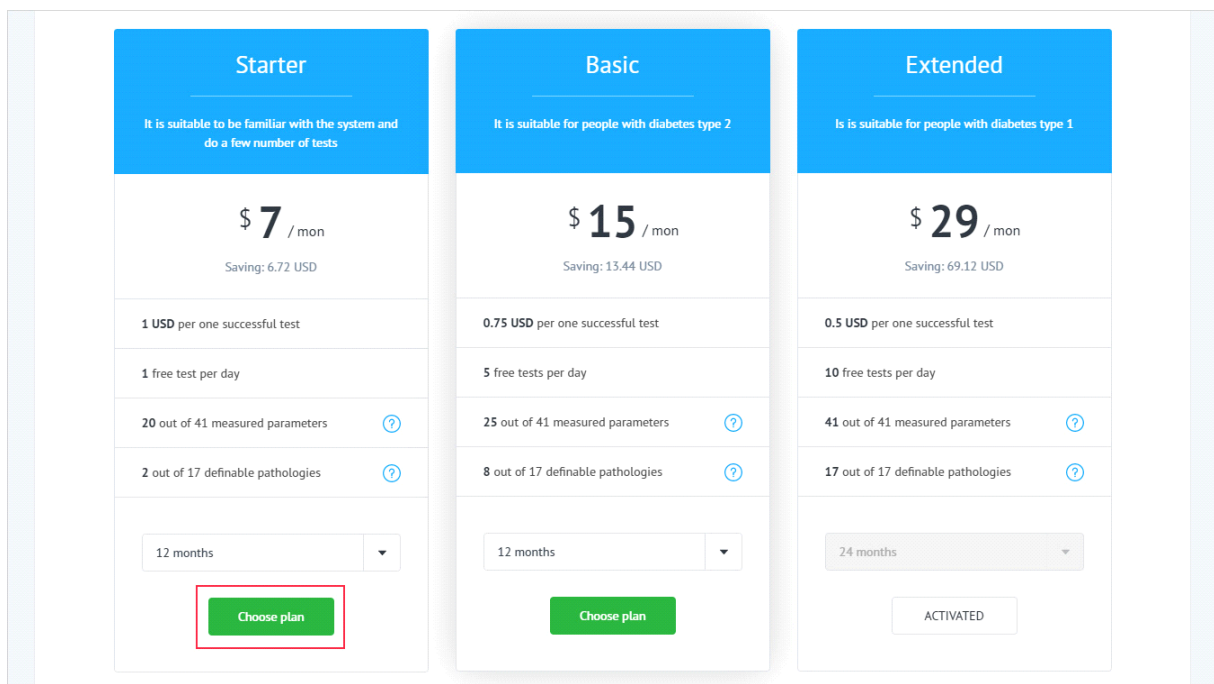
14: Button for selecting the tariff plan. For more information on ordering a tariff plan, see **SECTION 9.4**.

To view detailed information about the pathological conditions that will be displayed in the tariff plan, the user clicks on this item of the description of the tariff plan - marker 8. The application will open a modal window:



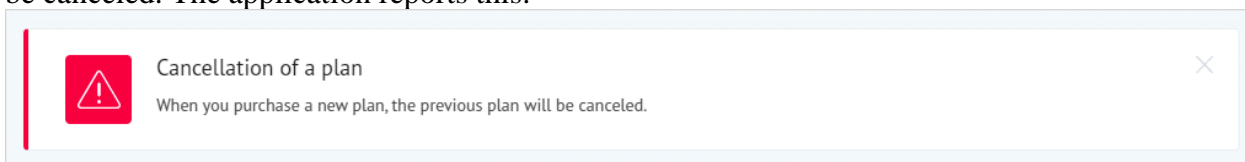
#### 9.4. Purchasing of a tariff plan.

To purchase a tariff plan, the user must click on the «Choose plan» button:

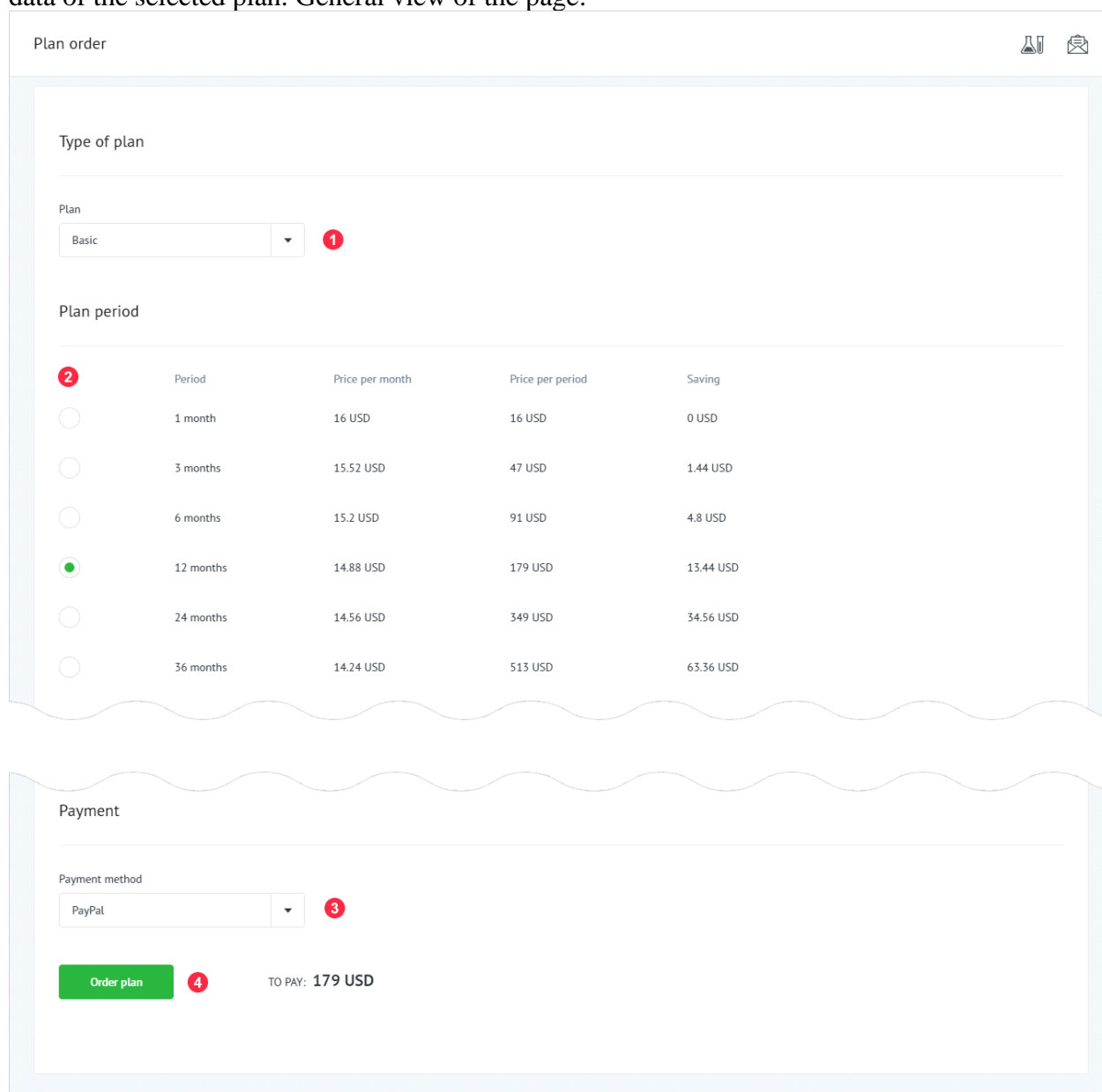


The application redirects the user to the address <https://kolibri.one/main/plans/personal/order> or <https://kolibri.one/main/plans/corporate/order>, depending on the selected type of tariff plan.

IMPORTANT! HSP KOLIBRI prohibits the transition from tariff plans such as "Corporate" to tariff plans such as "Personal". When switching to a new tariff plan, the previous plan will be canceled. The application reports this:



The page to which the application redirects after selecting the tariff plan is used to check the data of the selected plan. General view of the page:



The screenshot shows a web page titled "Plan order" with a header containing a search icon and a mail icon. The main content area is divided into two sections: "Type of plan" and "Payment".

**Type of plan section:**

- Plan: A dropdown menu with "Basic" selected and a red circle with the number "1" next to it.
- Plan period: A table with columns for "Period", "Price per month", "Price per period", and "Saving". The "12 months" option is selected, indicated by a green dot and a red circle with the number "2".

Period	Price per month	Price per period	Saving
1 month	16 USD	16 USD	0 USD
3 months	15.52 USD	47 USD	1.44 USD
6 months	15.2 USD	91 USD	4.8 USD
12 months	14.88 USD	179 USD	13.44 USD
24 months	14.56 USD	349 USD	34.56 USD
36 months	14.24 USD	513 USD	63.36 USD

**Payment section:**

- Payment method: A dropdown menu with "PayPal" selected and a red circle with the number "3" next to it.
- Order plan: A green button with a red circle and the number "4" next to it.
- TO PAY: 179 USD

1: Type of tariff plan.

2: The period for which the tariff plan is ordered.

The summary table shows: period, price for one month, price for the whole period and the general discount, which depends on the period for which the plan is ordered.

3: Payment system selection field for tariff plan payment.

To continue drawing up the tariff plan, the user must click on the button "Order plan" – marker 4. The application will generate a new invoice for the purchase of the tariff plan and redirect the user to it. You can read more about the invoice system in **SECTION 8**. Example of a generated invoice:

Invoice #12

KOLIBRI

UNPAID

1 Pay

Payer name	Personal ID	Invoice date	Payment date	Payment method
User	19	10/22/2018	-	PayPal

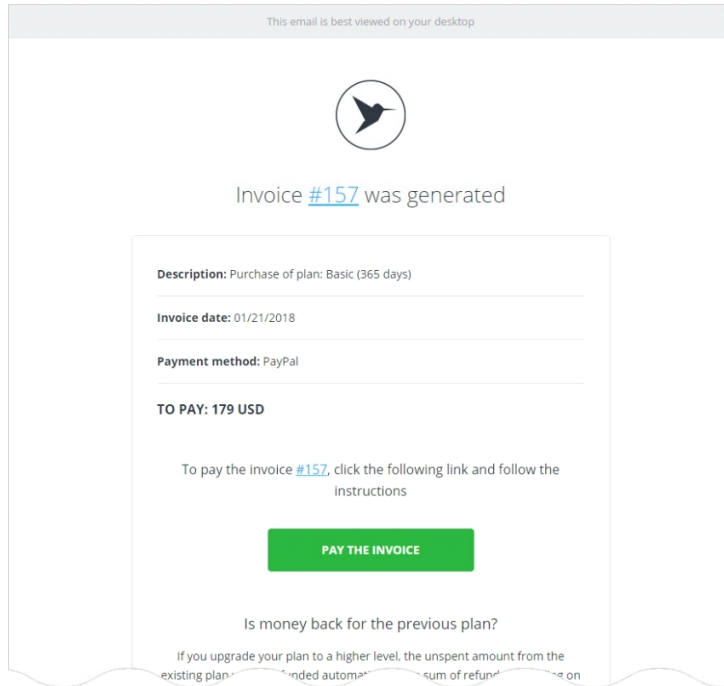
**Description**

Purchase of plan: Basic (365 days)	179 USD
Transaction amount	0 USD
<b>TO PAY</b>	<b>179 USD</b>

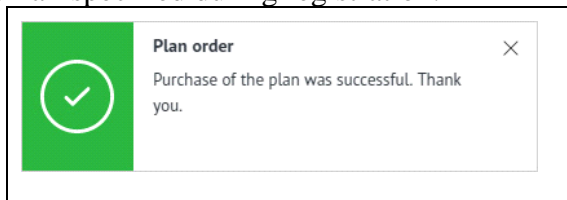
**Transactions**

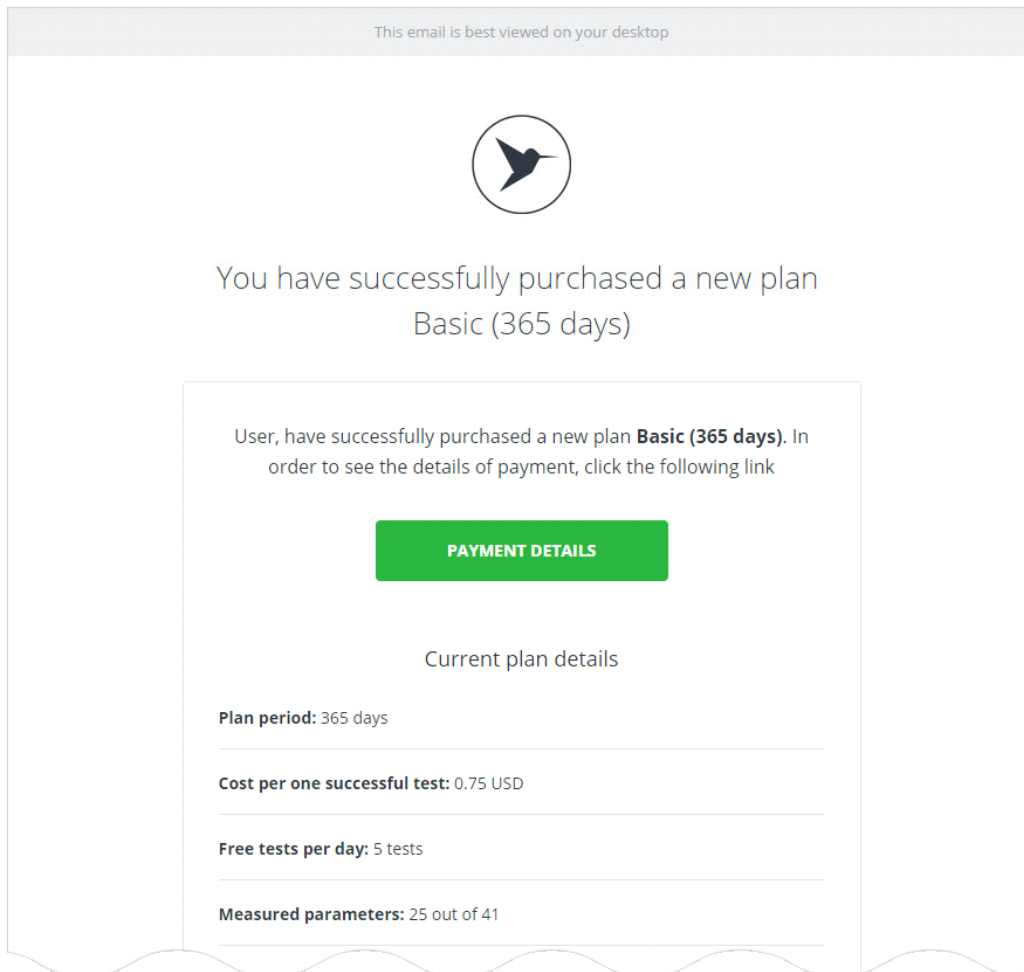
No transactions were found

A letter with invoice data is sent to the user's e-mail address specified during registration:

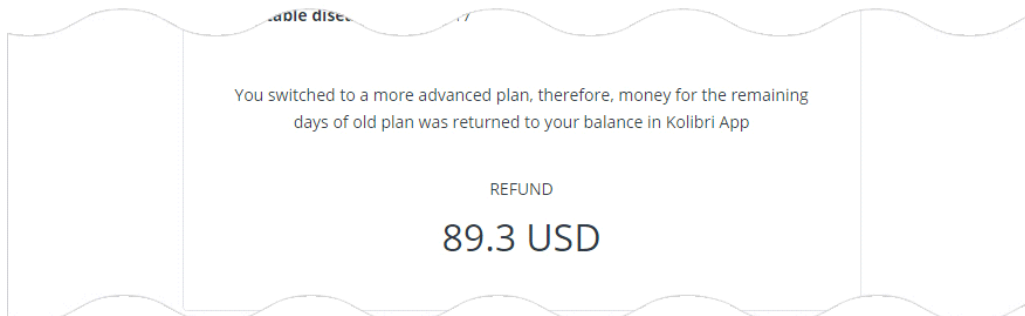


To pay the invoice, the user clicks on the button "Pay the invoice" - marker 1. If the payment of the invoice for the purchase of the tariff plan was successful, the application will notify you and send a letter with the data of the new tariff plan to the user's email specified during registration:

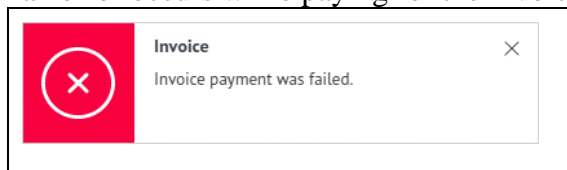




If the purchase of the tariff plan provides for a refund on the user's balance in HSP KOLIBRI, the email will indicate the amount that is returned to the user's balance in HSP KOLIBRI:



If an error occurs while paying for the invoice, the application will notify you about this:





## 9.5. Tariff plan settings.

Plan settings - a page of the application, to set up and extend the current tariff plan. The page is located at: <https://kolibri.one/main/settings/plan>. General page view:

Plan settings

Details **1**

General information

- Plan: Extended
- Activation date: 08/30/2017 (39 days left)
- Next payment: 03/02/2018

Payment information

- Renewal amount: 699 USD
- Paying cycle: Every 2 years
- Payment method: PayPal

Renewal

- Auto renewal: Yes

Renew plan **2**

Parameters **3**

Paying cycle

Every 2 years

Payment method

PayPal

Auto renewal

Yes  No

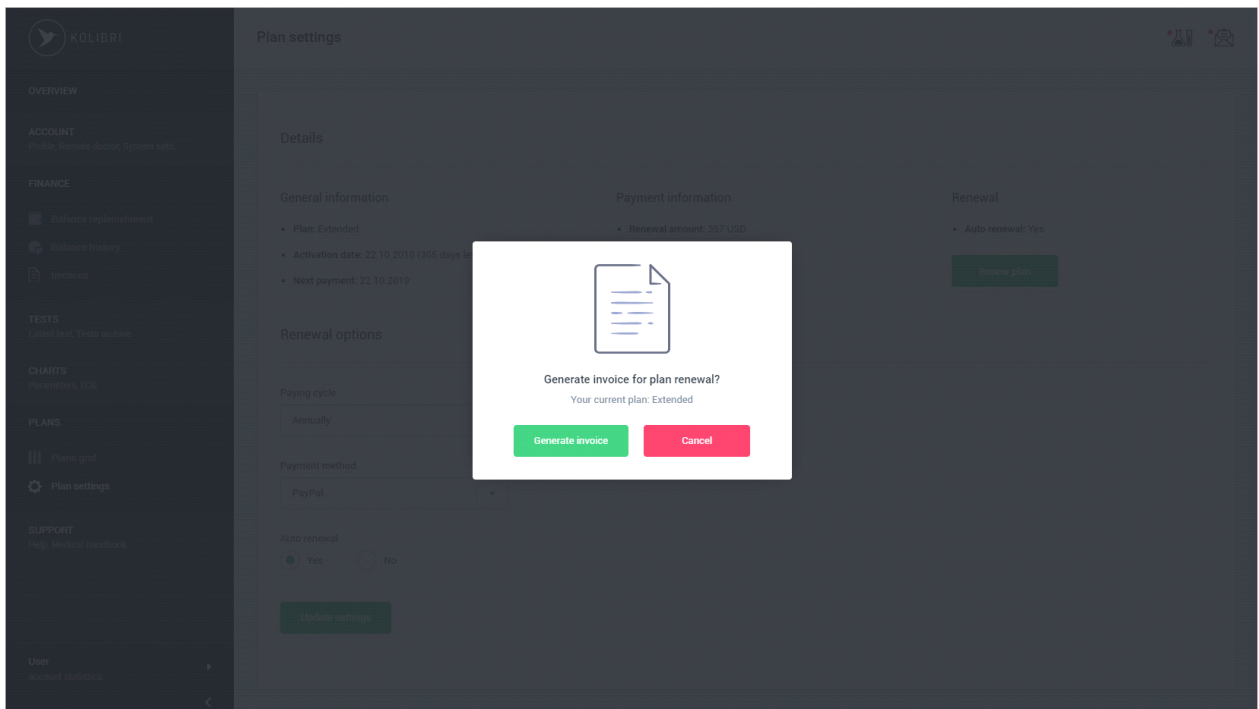
Update settings **4**

1: Details of the current tariff plan:

- name of the tariff plan;
- date of activation of the tariff plan (number of days before the end of the plan);
- date of the next payment, to extend the tariff plan;
- amount to be paid to extend the tariff plan;
- payment cycle;
- payment system to extend the tariff plan;
- auto-renewal of the tariff plan.

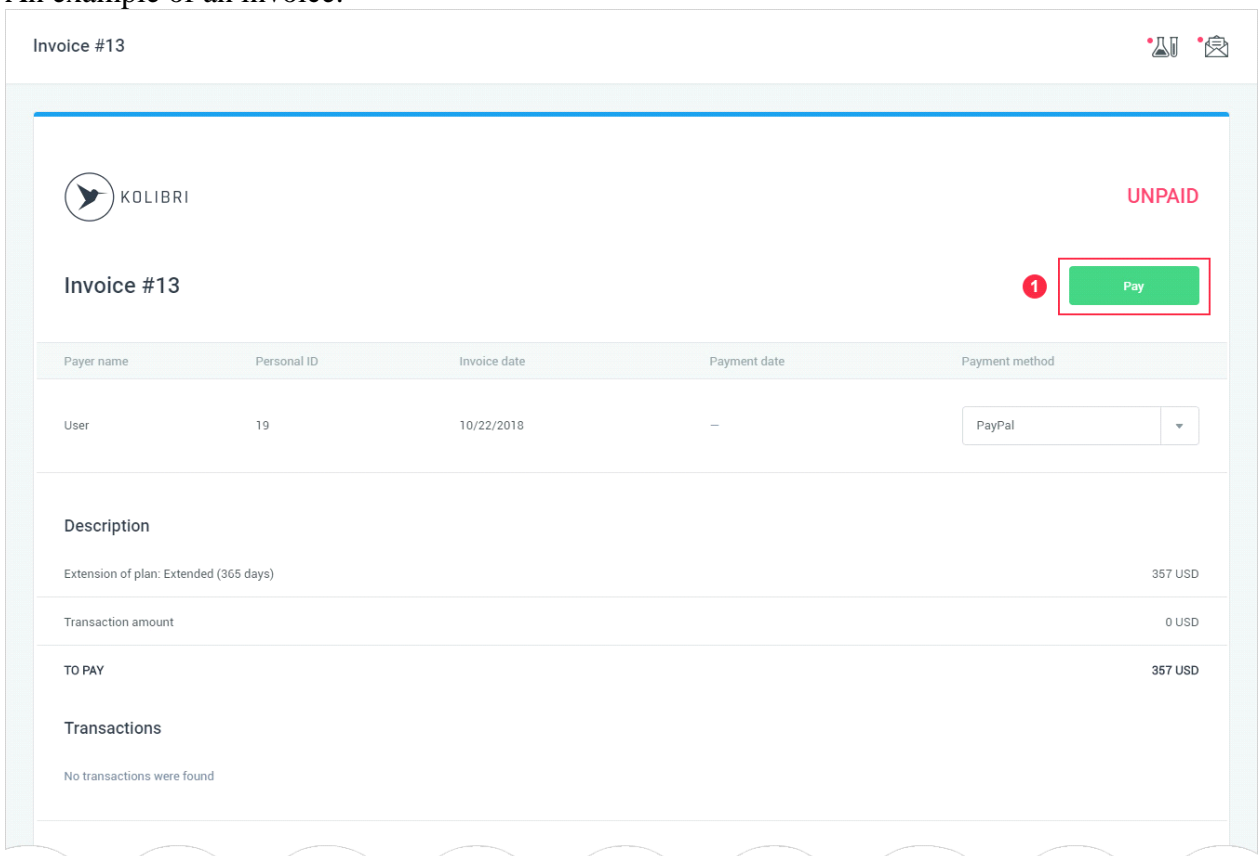
2: Button to extend the tariff plan.

To continue (update) the tariff plan, the user clicks the "Renew plan" button. The application will open a modal window to confirm the invoice generation operation:

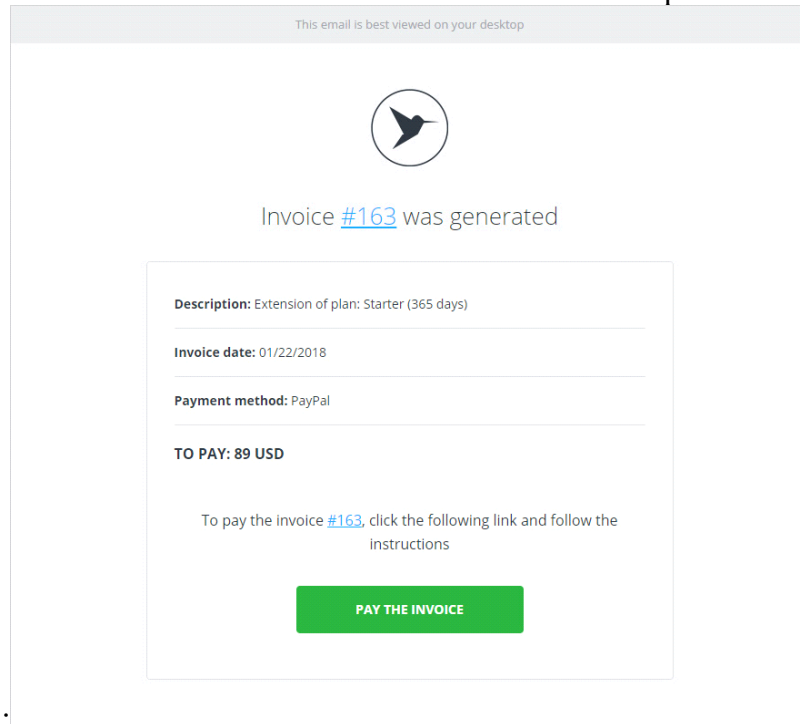


To confirm the extension (renewal) of the tariff plan, the user must click on the "Generate invoice" button. The application will automatically generate an invoice to extend the tariff plan. The days remaining until the end of the current tariff plan will be added to the period for which the tariff plan continues.

An example of an invoice:



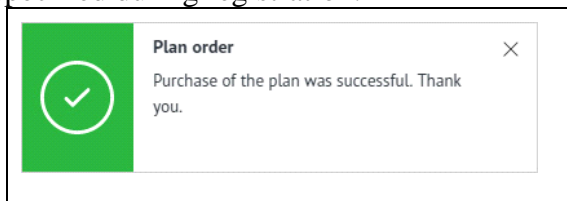
An email with the invoice data is sent to the user's e-mail address specified during

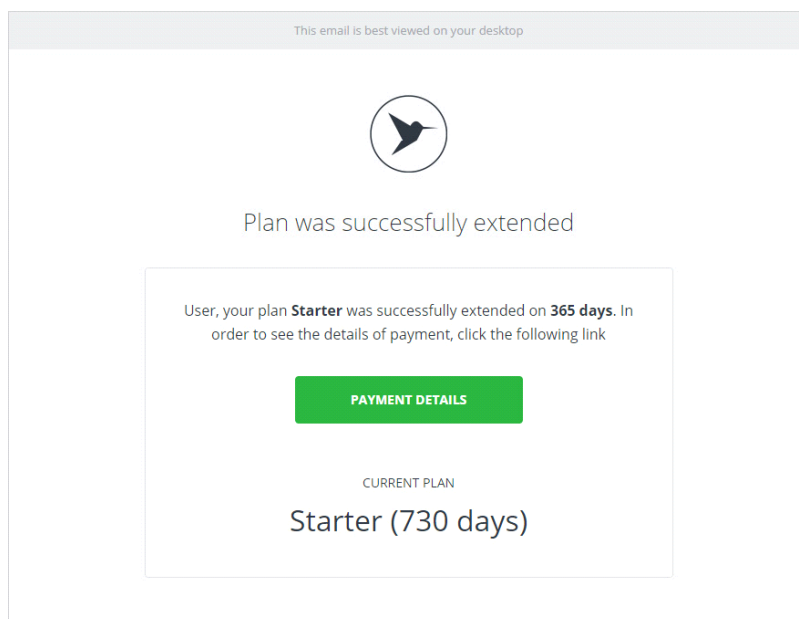


registration:

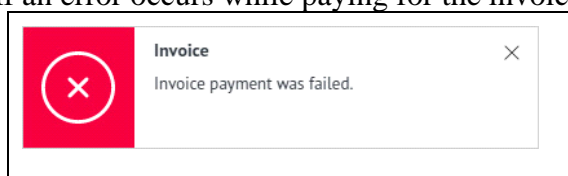
To pay the invoice, the user clicks on the button "Pay the invoice" - marker 1.

If the payment of the invoice for the extension of the tariff plan was successful, the application will notify you and send a letter with the data of the tariff plan to the user's email specified during registration:

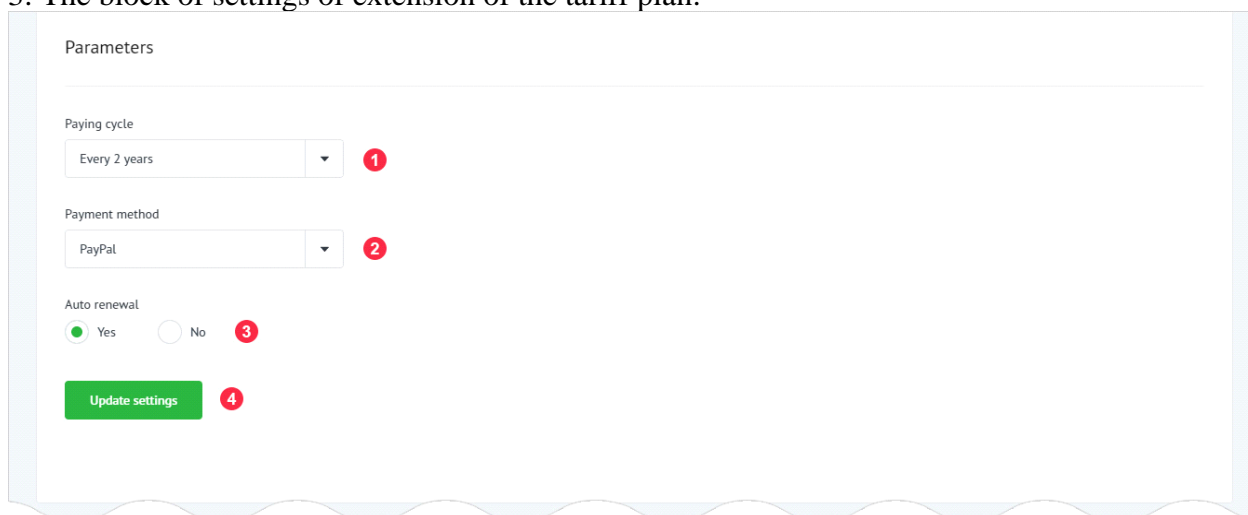




If an error occurs while paying for the invoice, the application will notify you about this:



3: The block of settings of extension of the tariff plan:



1: Setting the payment cycle for the current tariff plan.

The drop-down list contains six preset intervals:

- 1 month;
- 3 months;
- 6 months;
- 12 months;
- 24 months;
- 36 months.

Note:

In some regions, the number of periods on the list may vary.

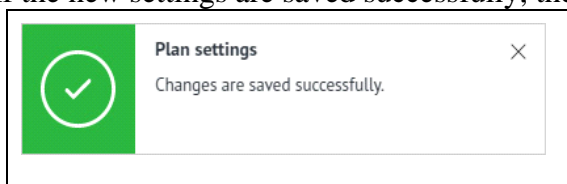
2: Setting the payment method that will be used when generating an invoice to extend the tariff plan.

3: Option of automatic extension of the tariff plan. If the option of automatic extension is included, the formation of the invoice for the extension of the tariff plan is automatic, 7 days before the end of the plan.

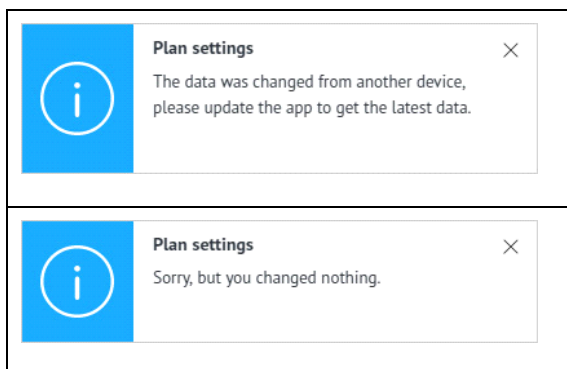
Since the program does not store user payment data, the money for the extension of the tariff plan is deducted from the user's balance in HSP KOLIBRI. If there are not enough funds on the user's balance in HSP KOLIBRI, the extension of the tariff plan will be canceled and after the expiration of the plan, HSP KOLIBRI will be blocked from conducting tests.

To change the settings of the tariff plan extension, the user presses the button "Update settings" - marker 4.

If the new settings are saved successfully, the application will notify you about this:



If the new settings are saved successfully, the application will notify you about this:



## 10. Email settings.

Email settings – an application page, for setting up email and email messages. The page is located at: <https://kolibri.one/main/settings/email>. General view of the page

Email notifications 🔍 📧

**1** System notifications  
Please select, what kind of system messages would you like to receive from Kolibri App

---

New generated invoices  
 Yes  No

Result of invoice payment  
 Yes  No

**2** Advertising notifications  
Please select, which promo materials would you like to receive by email from Kolibri

---

Advertising and promo materials  
 Yes  No

Proposals and discounts  
 Yes  No

---

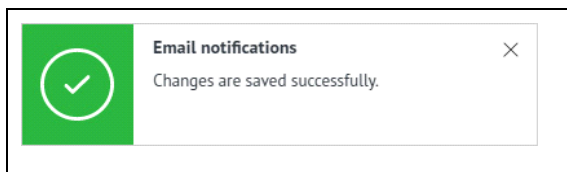
**3** Update settings

1: System message settings.

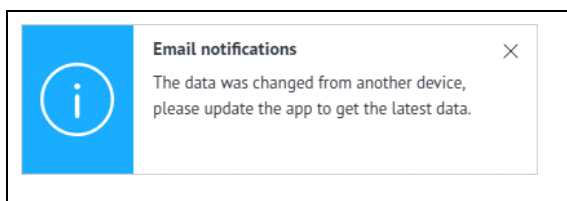
2: Configure mailing.

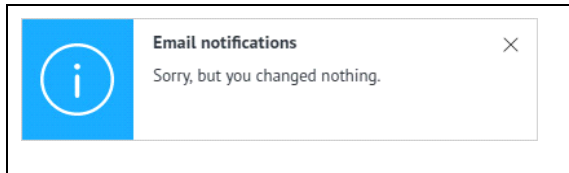
To change the settings of system messages and mailings, the user clicks the button "Update settings" - marker 3.

If the new settings are saved successfully, the application will notify you about this:



If the settings have been changed by another device or the user has not changed anything in the settings, the application will notify you:





## 11. HSP KOLIBRI settings.

System settings – an application page, for settings of the HSP KOLIBRI. The page is located at: <https://kolibri.one/settings/system>.

### 11.1. E-mail settings.

General view of the section for changing email:

When you place the cursor in the email field, an additional field "Current password" opens. To ensure the security of the user's account, the current user password must be entered to change the email.

The form for entering a new email consists of two fields, all of which are required:

- email;
- current password.

Each of the fields of the form for entering a new email has a built-in data validation mechanism. Requirements for form fields to enter a new email:

Email:

- the field cannot be empty;
- the new email cannot repeat the current email;
- only email is allowed (W3C Email Regex check).

Current password:

- The field cannot be empty.

- the user password must match the password stored in the HSP KOLIBRI database.

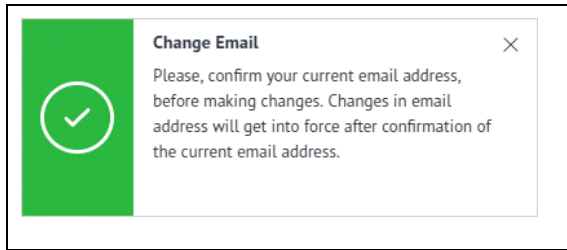
After completing the form to enter a new password, the user clicks "Change email" button.

If the data entered by the user contains errors, the application informs him about it:

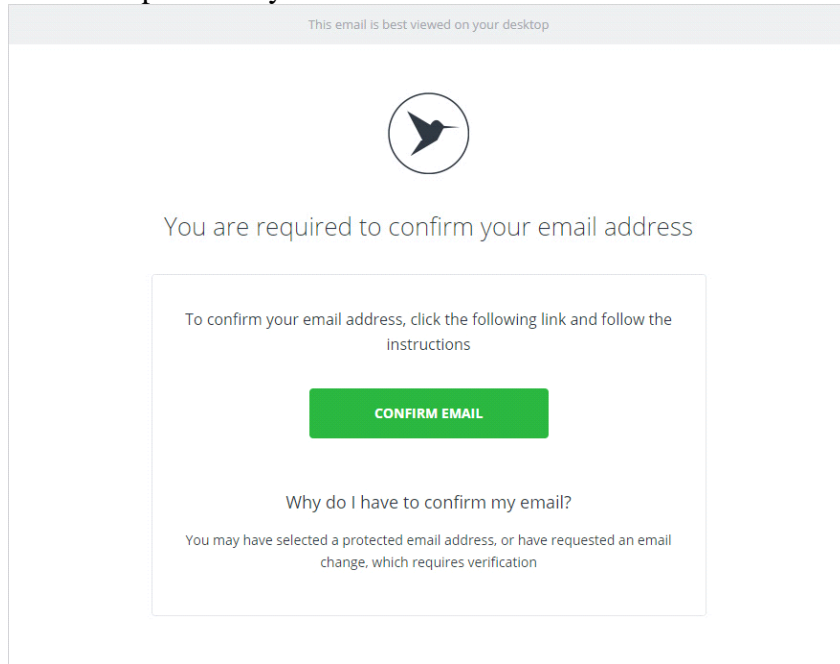
If the settings have been changed with another device, the application will notify you:

If all data is entered correctly, the application will notify you of the need to confirm a new email. The new email must be confirmed until you confirm the new email, HSP KOLIBRI, the current email address will be used in the current account. Example message:

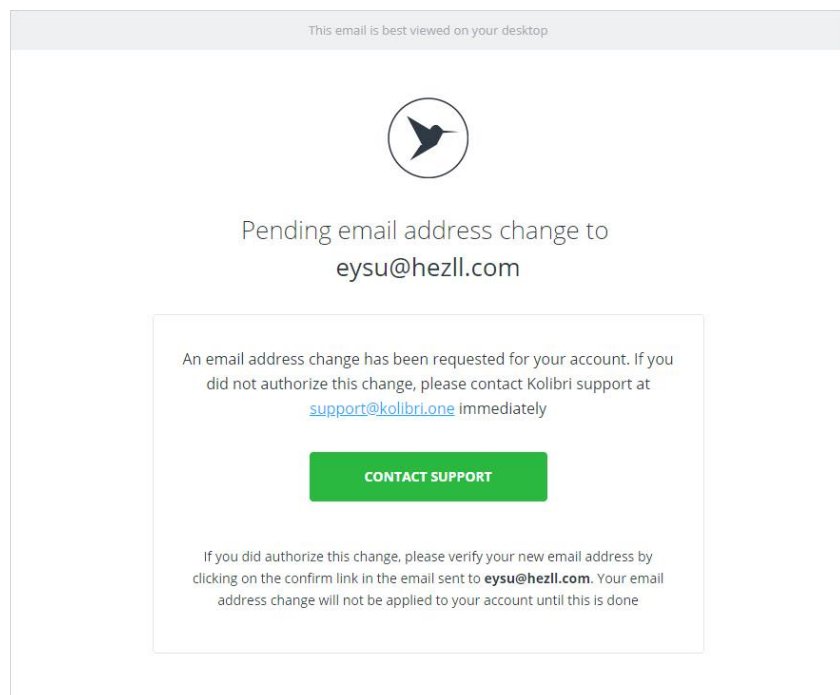




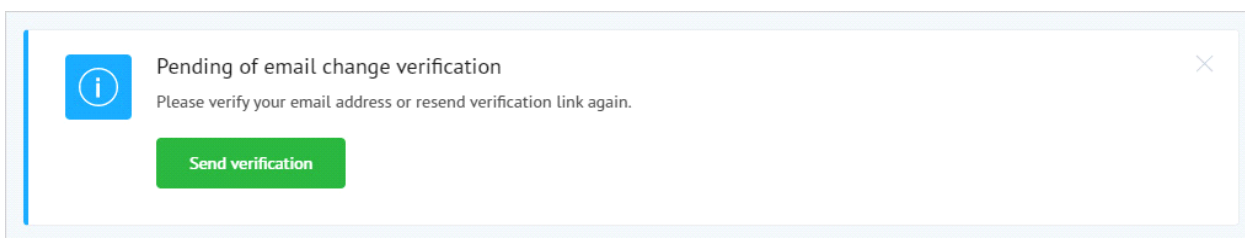
The new email address specified by the user receives a letter with a link to confirm it:



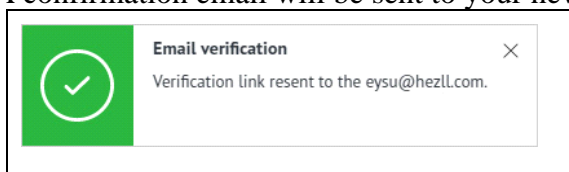
A message comes about the need to confirm the new email at the old email address of the user :



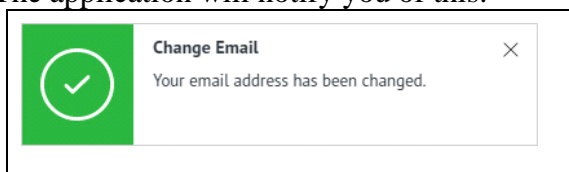
The application additionally activates the system message, which allows you to send a link to confirm the new email address:



To send a confirmation to a new email, the user must click on the "Send verification" button. A confirmation email will be sent to your new email inbox. The application informs about it:

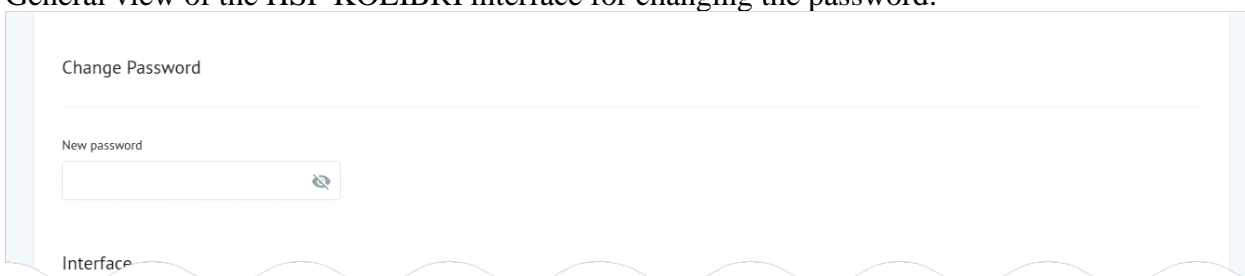


If the email confirmation was successful, the email change operation is considered successful. The application will notify you of this:



## 11.2. Passwords settings.

General view of the HSP KOLIBRI interface for changing the password:



When you place the cursor in the "New password" field, an additional "Current password" field opens. To ensure the security of the user account, you must enter the current user password to change the password.

The form for entering a new password consists of two fields that are required

- new password;
- current password.

Each of the fields of the form for entering a new password has a built-in data validation mechanism. Requirements for form fields to enter a new password:

New password:

- the field cannot be empty;
- minimum password length: five characters;
- gaps are prohibited.

Current password:

- The field cannot be empty.
- The user password must match the password stored in the HSP KOLIBRI database.

After completing the form to enter a new password, the user clicks "Change password" button.

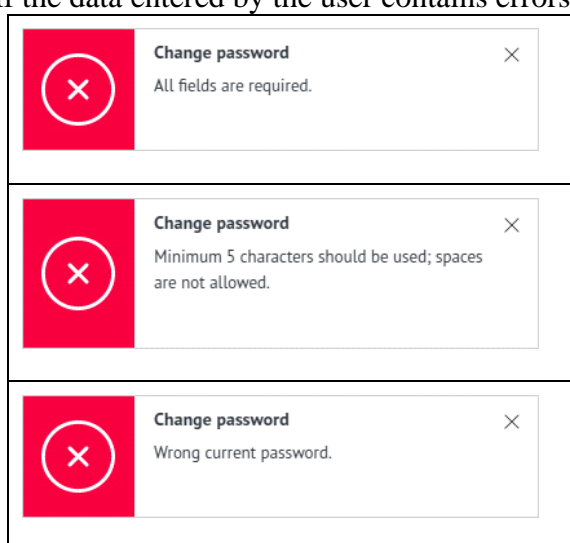
Change Password

New password

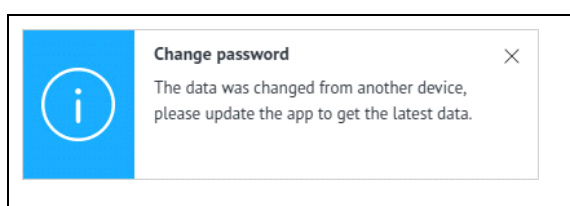
Current password

Change Password

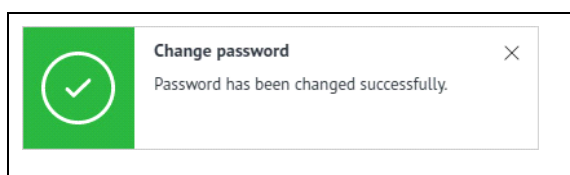
If the data entered by the user contains errors, the application informs him about it:



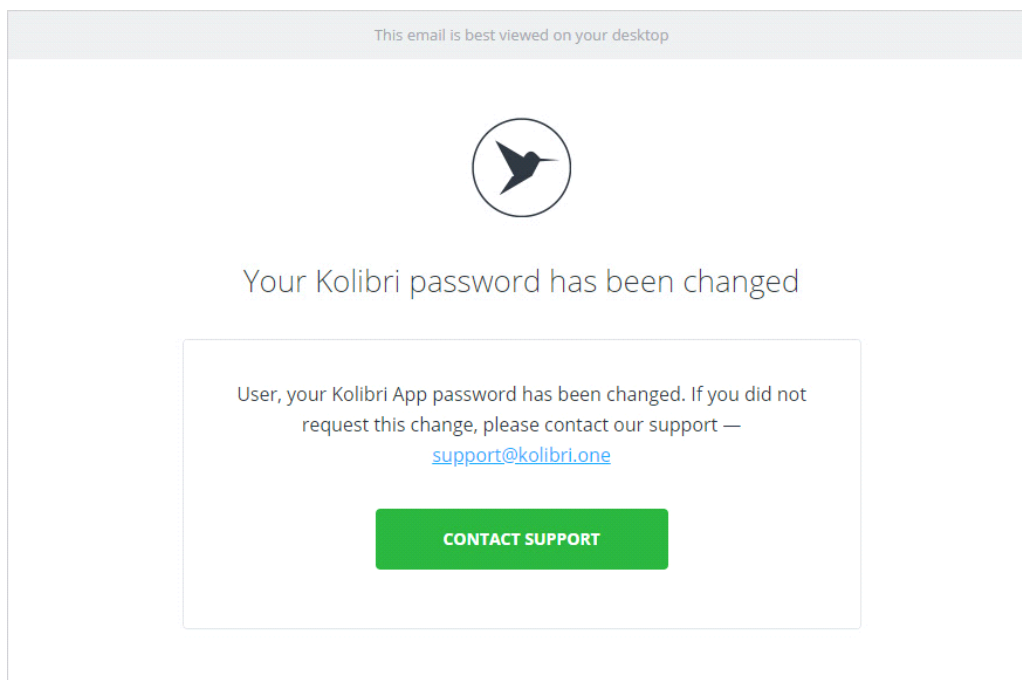
If the password has been changed using another device, the application will notify you:



If all data is entered correctly, the old password is replaced with a new one. The application will notify you of this:

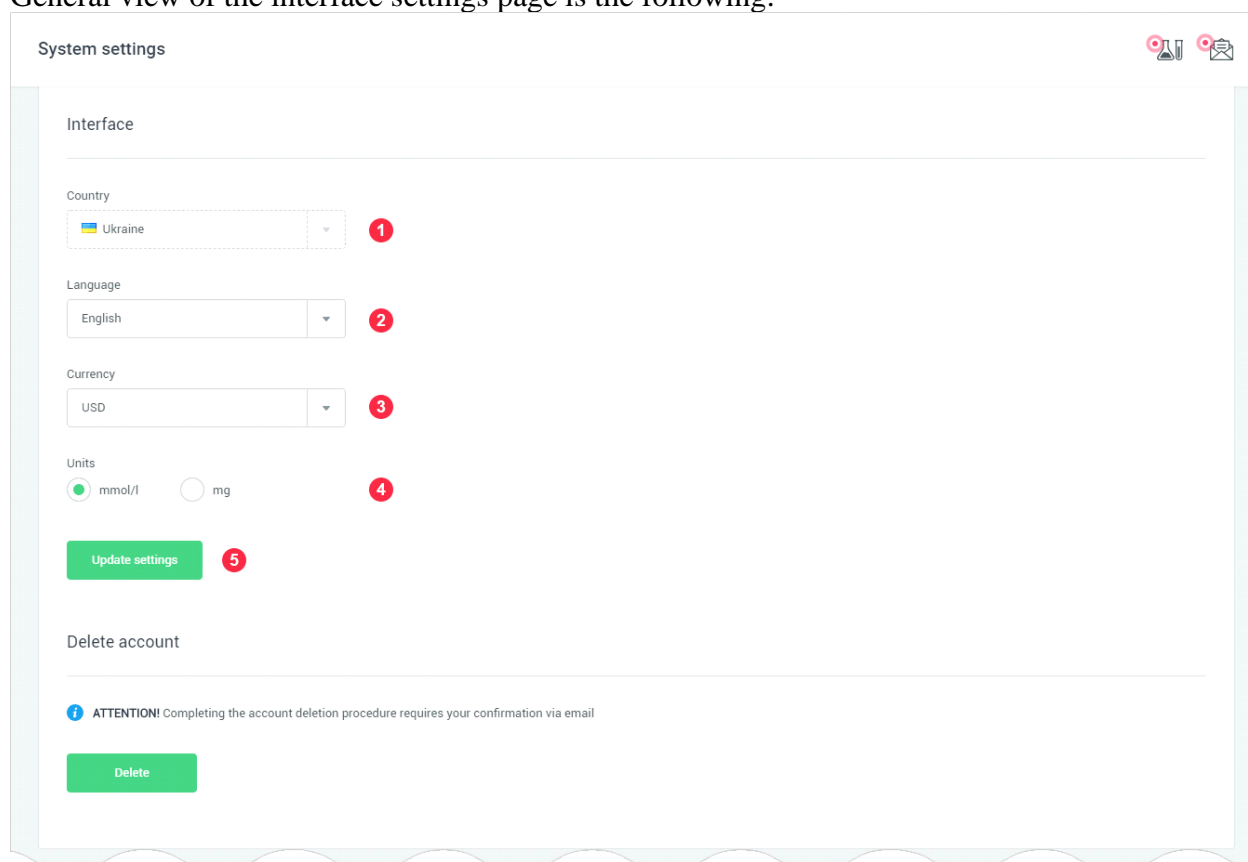


The user's email specified during registration will receive a letter confirming the success of the password change procedure:



### 11.3. Interface settings of the HSP KOLIBRI.

General view of the interface settings page is the following:



1: Set the user's country of residence. The user's country is determined by HSP KOLIBRI automatically when the user registers. The country of residence can only be changed by contacting the HSP KOLIBRI support service.

2: Application language settings. List of languages available in the KOLIBRI application:

- english;
- spanish;
- chinese.

3: Application currency settings. List of currencies available in the KOLIBRI application:

- USD;
- EUR;
- CNY.

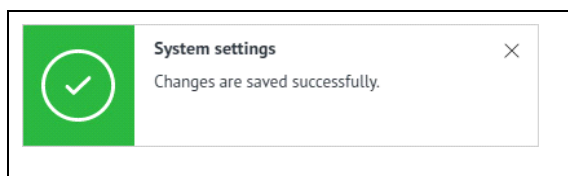
4: Setting the units of measurement displayed in the application. Units of measurement:

- mmol/l;
- mg/dl;

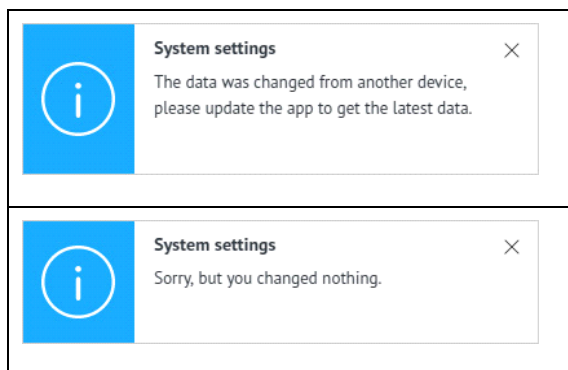
Note:

Parameters with different units of measurement from mmol / l and mg / dl will be displayed with their units of measure, and indicate in which exactly.

To change the interface settings, the user clicks the button "Update settings" - marker 4. If the saving of new settings was successful, the application will notify you:

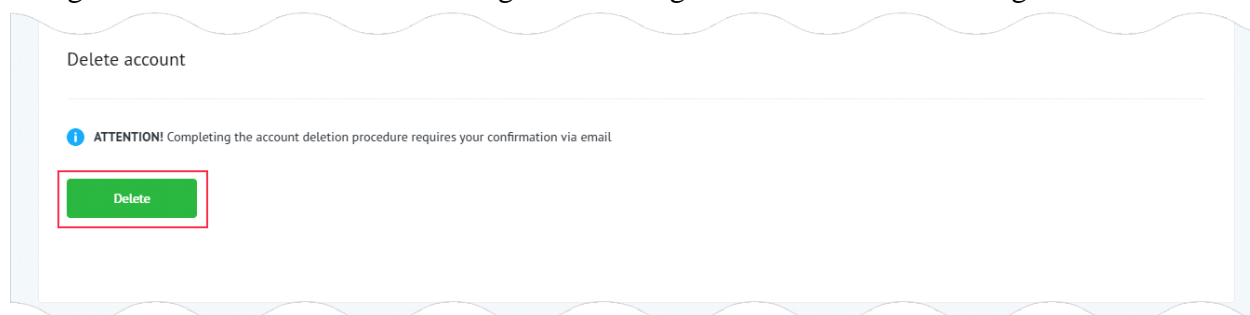


If the settings have been changed on another device or the user has not changed anything in the settings, the application will notify you:

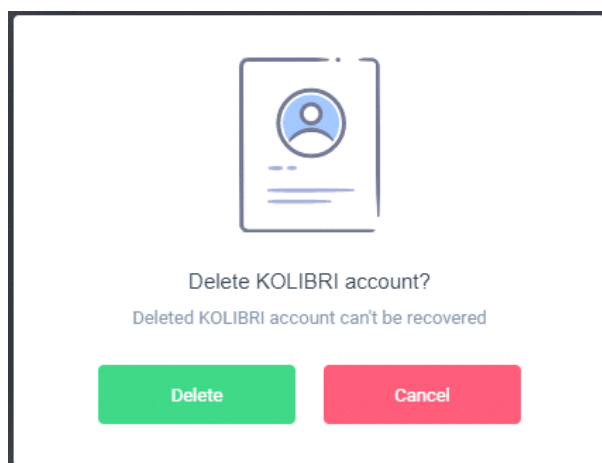


#### 11.4. Deleting of the account in the HSP KOLIBRI.

The general view of the account management settings interface is the following:



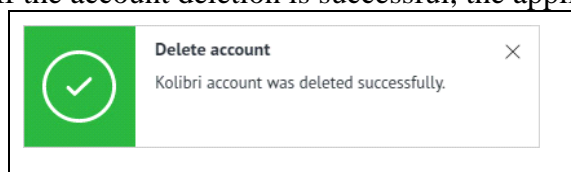
To initialize the process of deleting an account from HSP KOLIBRI, the user clicks the "Delete" button. A modal window is called in which the user must confirm the deletion of the account from HSP KOLIBRI:



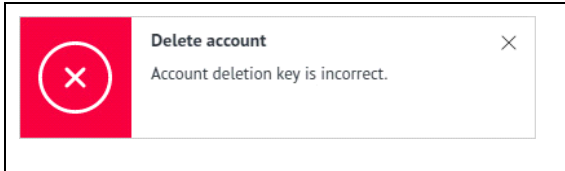
The account deletion operation completely deletes the user data in HSP KOLIBRI, which refers to personal data according to the **General Data Protection Regulation (EU) 2016/679**. **WARNING:** Deleted data cannot be recovered. The operation of deleting the account requires confirmation from the user via his email.

After confirming the initialization of the operation to delete the KOLIBRI account, a link to delete the account will be sent to the user's mail.

If the account deletion is successful, the application will notify you:



If an error occurs while deleting your account, the app will notify you:



If you are using the mobile application, you can safely log out of the mobile application and delete it after deleting your cloud platform account.

## 12. Setting up a user account in the HSP KOLIBRI.

User profile - application page to configure the user profile (user account) in the HSP KOLIBRI.

The page is located at: <https://kolibri.one/main/settings/user>.

**KOLIBRI**

Profile

**OVERVIEW**

**ACCOUNT**

- Profile
- Remote doctor
- System settings
- Email notifications

**FINANCE**

Balance replenishment, Balance his...

**TESTS**

- Latest test
- Tests archive

**CHARTS**

Parameters, ECG

**PLANS**

Plan settings, Tariff plans

**SUPPORT**

Help, Medical handbook

**Personal information**

Full name  
Test Patient

Date of birth  
04/13/1969

Gender  
 Male  Female

**Contacts**

Phone  
Enter your phone

**Medical information**

Weight  
75  
Units:  kg  lb

Height  
175  
Units:  cm  ft

To start testing in HSP KOLIBRI, the user must fill in the required fields in his profile. The data specified in the profile affect the calculation of parameters during the test. If the required fields in the user profile are not filled in, tests become impossible. Required fields in the user profile:

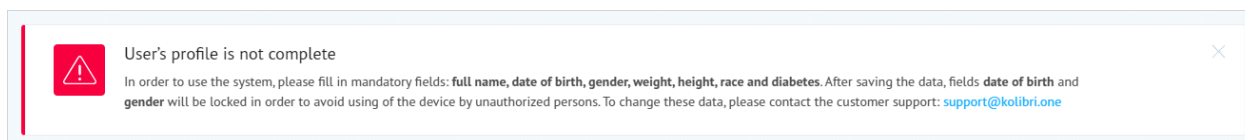
- Full name; (user can use any name he likes)
- Date of birth;
- Gender;



- Phone; (optional input field)
- Weight;
- Height;
- Race;
- Diabetes (optional input field).

#### WARNING:

To ensure user safety, profile form fields such as "Date of birth" and "Gender" are entered once and cannot be changed by the user again. Changes to this data are only possible with the participation of KOLIBRI Support. The application will notify you of this:



### 12.1. Setting up personal user data in HSP KOLIBRI.

General view of the section «Personal information»:

The screenshot shows a form titled "Personal information". It contains three main sections:
 

- Full name:** A text input field containing "Patrik Burton". A red circle with the number "1" is next to it.
- Date of birth:** A date picker field showing "MM/DD/YYYY". A red circle with the number "2" is next to it.
- Gender:** Two radio button options: "Male" and "Female". A red circle with the number "3" is next to the "Female" option.

1: Full username. The field has a built-in data validation mechanism. Field requirements:

- the field cannot be empty;
- only letters and spaces are allowed (numbers are allowed for some regions).

2: Date of birth of the user. The field has a built-in data validation mechanism. Field requirements:

- The date format must match the MM / DD / YYYY format.

When you click on the field, an additional calendar opens to select the date of birth. The date can be entered by the user both manually and using the calendar:

3: Gender of the user. The field can have one of two values:

- Male;
- Female.

Date of birth

January ▼ 1966 ▼

Su	Mo	Tu	We	Th	Fr	Sa
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

## 12.2. Setting up contact information in HSP KOLIBRI.

General view of the section «Contacts»:

Gender

Male  Female

Contacts

---

Phone

1

Medical information

---

1: User's phone. The value has no limit on the number of characters entered. Numbers and dashes are allowed

## 12.3. Setting up medical data in the HSP KOLIBRI.

General view of the section "Medical information" and its description:

1: User weight. The field has a built-in data validation mechanism. Field requirements:

- only numbers are allowed;
- «.» used as a delimiter for small values.

2: Selection of units for weight - marker 1.

3: User height. The field has a built-in data validation mechanism. Field requirements:

- only numbers are allowed;
- «.» used as a delimiter for small values.

4: Selection of units for height - marker 3.

Note:

Carefully choose the units of weight and height. These data are important for the correct calculation of the parameters.

Medical information

---

Weight Units

Enter your weight kg lb

Height Units

Enter your height cm ft

Race

Select a race

Blood type

Select blood type

Rh factor

Select Rh factor

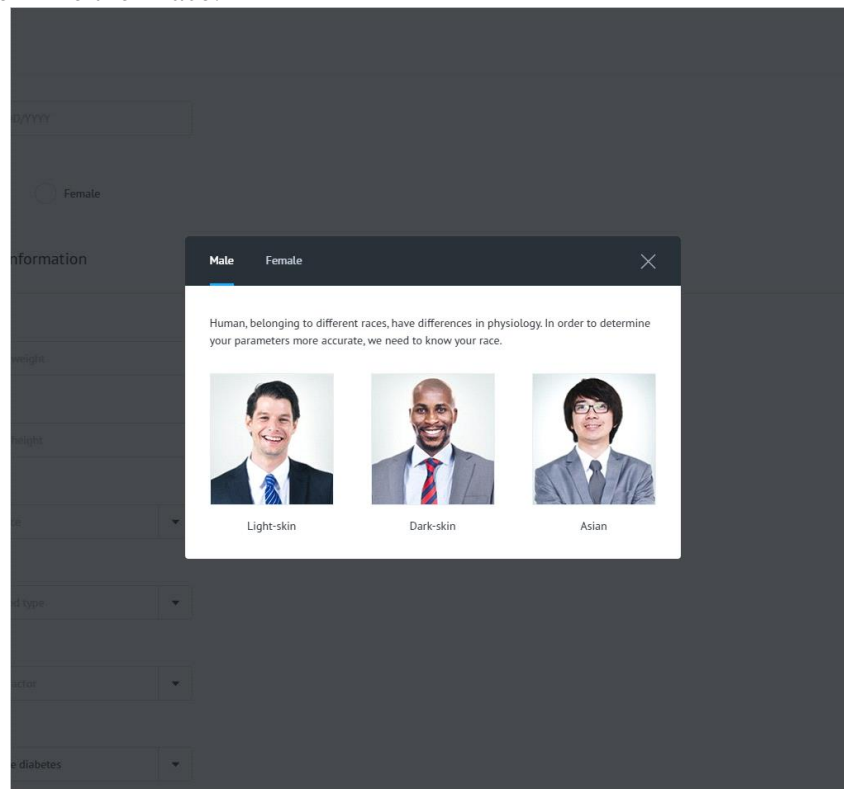
Diabetes

I don't have diabetes

5: User race. This is a list of three values:

- light-skin;
- dark-skin;
- asian.

If the user cannot decide on the choice of race, he must click on the link in the drop-down list «How to identify race». The application will open a modal window where the user can use photos to determine their race:



6: User blood type. Optional field to fill in, which has a list of four blood groups and an indefinite value:

- O (I);
- A (II);
- B (III);
- AB (IV);
- Unknown.

7: Rhesus factor of the user. Optional field to fill. A drop-down field with two types of rhesus factor and an undefined value:

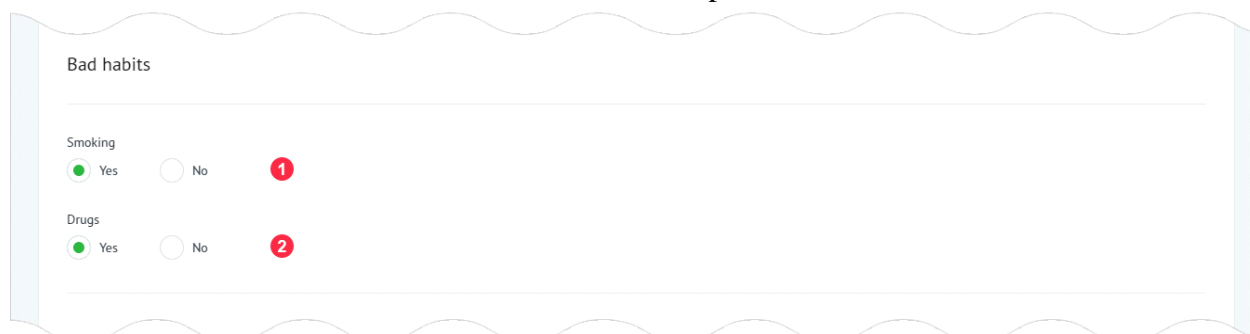
- Positive (+);
- Negative (-);
- Unknown.

8: The presence of diabetes in a person. Optional field to fill. The field is a drop-down list with two types of disease and a response option. When the user does not have diabetes:

- I don't have diabetes;
- Diabetes type I;
- Diabetes type II.

#### 12.4. Medical data settings (bad habits).

General view of the section "Bad habits" and its description:



1: Smoking. The field can have one of two values:

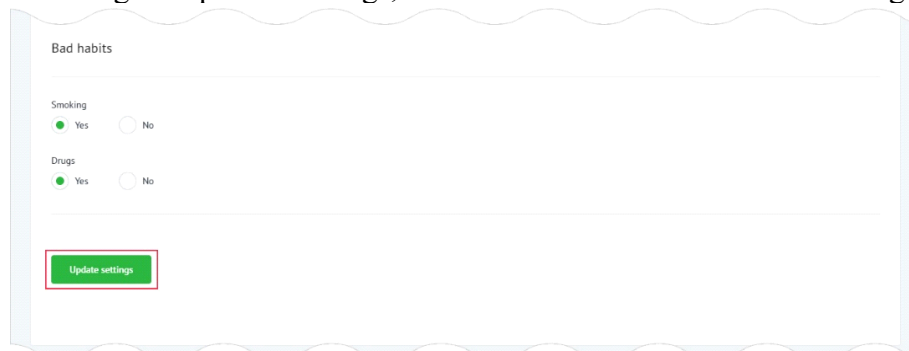
- Yes; (the patient smokes)
- No (the patient doesn't smoke).

2: Drugs. The field can have one of two values:

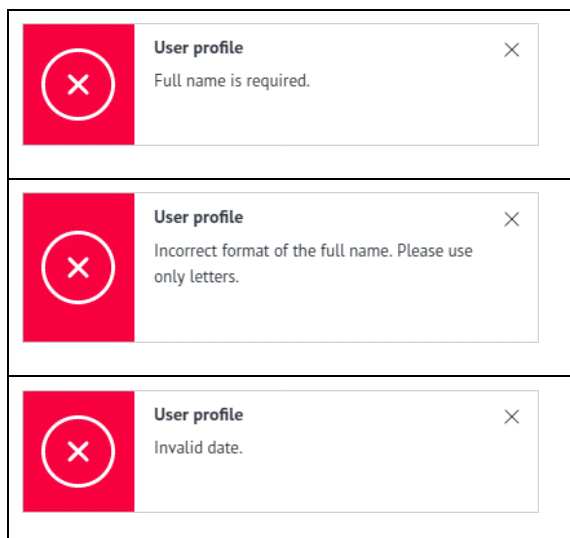
- Yes (the patient uses drugs or narcotics);
- No (the patient does not use drugs or narcotics).

#### 12.5. Edit medical data settings.

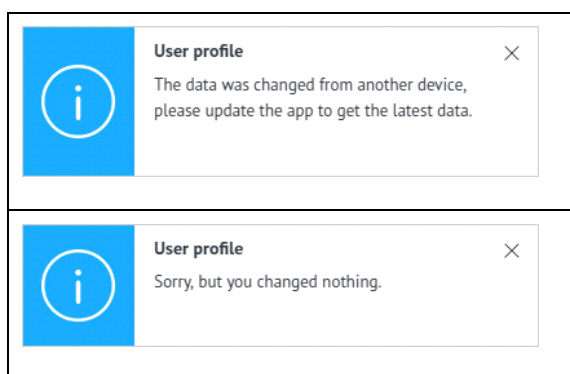
To change the profile settings, the user must click on the «Edit settings» button:



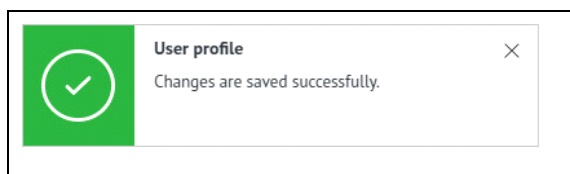
If the data entered by the user contains errors, the application informs him about it:



If the settings have been changed by another device or the user has not changed anything in the settings, the application will notify you

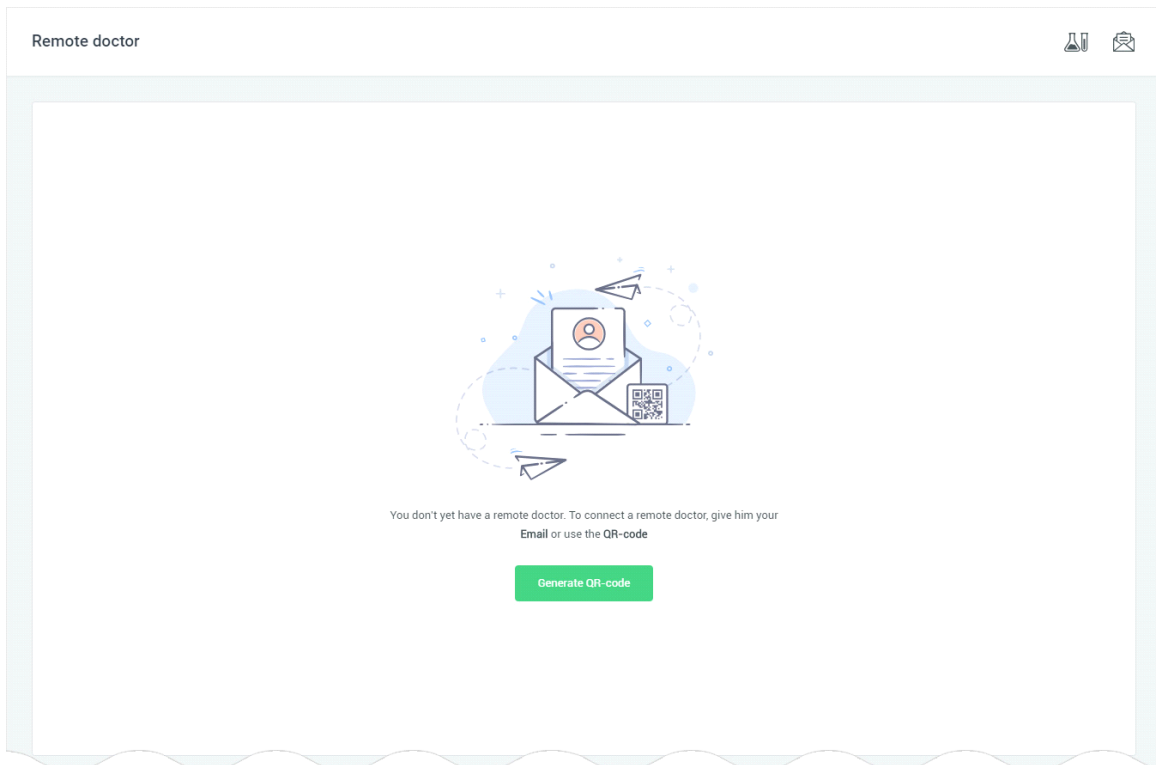


If all data is entered correctly, the current user profile settings are saved. The application will notify you of this:



### 13. Remote doctor.

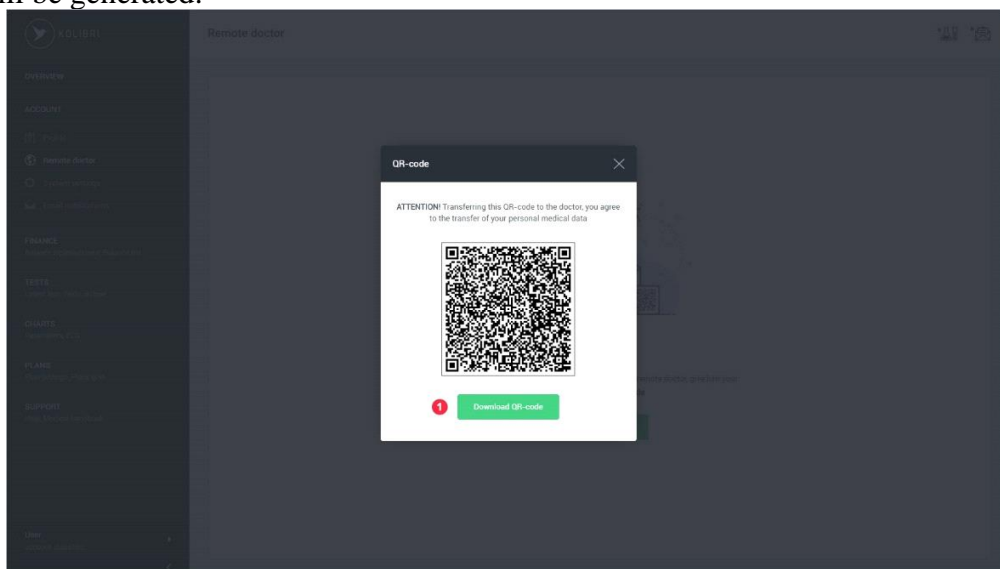
The Remote doctor module is used to access for remote doctor's account to a user's account. In this way, the patient will give real-time access to the doctor's test results. The doctor will keep the results of all tests of the user's health. The page is located at: <https://kolibri.one/remote/doctor>. General view of the page:



The remote doctor's account is connected by the user sending him his email address, or by scanning the QR-code.

### 13.1 Connect to a remote doctor's account using a QR code.

If the user chooses to connect to the account of the remote doctor using a QR-code, he must click on the "Generate QR-code". The application will open a modal window in which a QR code will be generated:

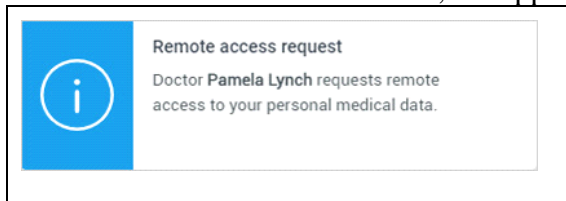


The user allows the doctor to scan the QR-code using a mobile device or downloads it - marker 1 and passes it to the doctor for scanning (by any means of communication). In the

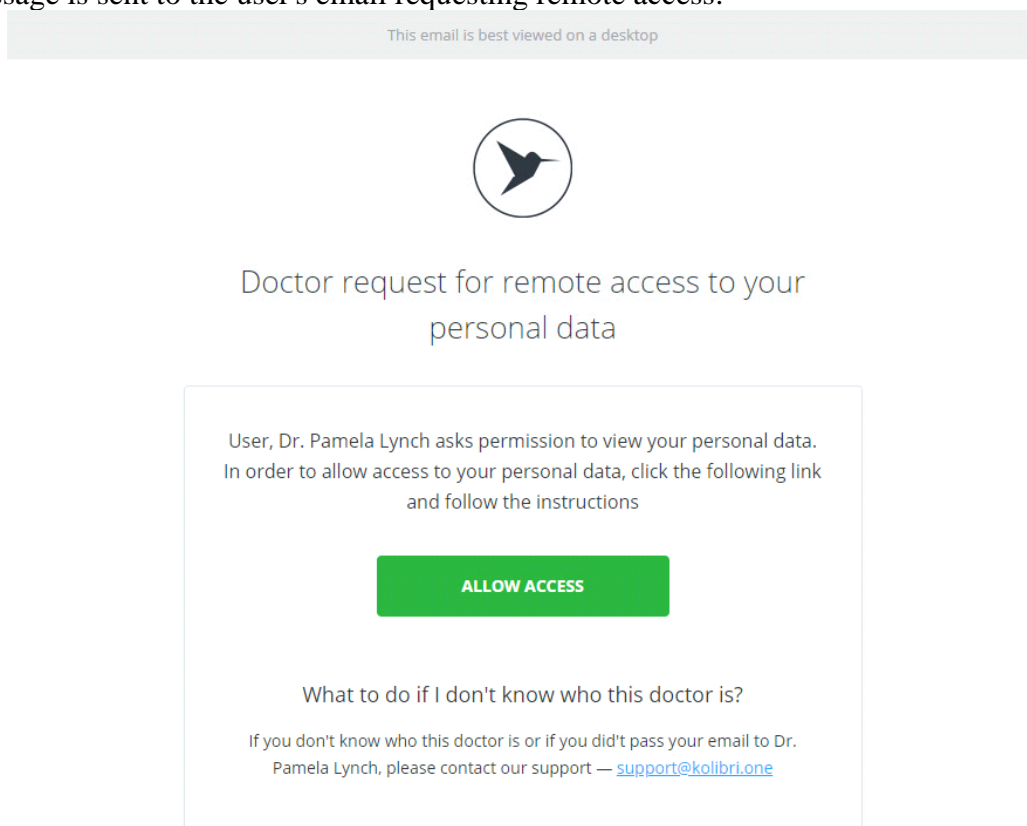
case of using a QR-code, the connection between the user and the remote doctor is automatic, without additional confirmation from the user through the application.

### 13.2 Connect to a remote doctor's account via email.

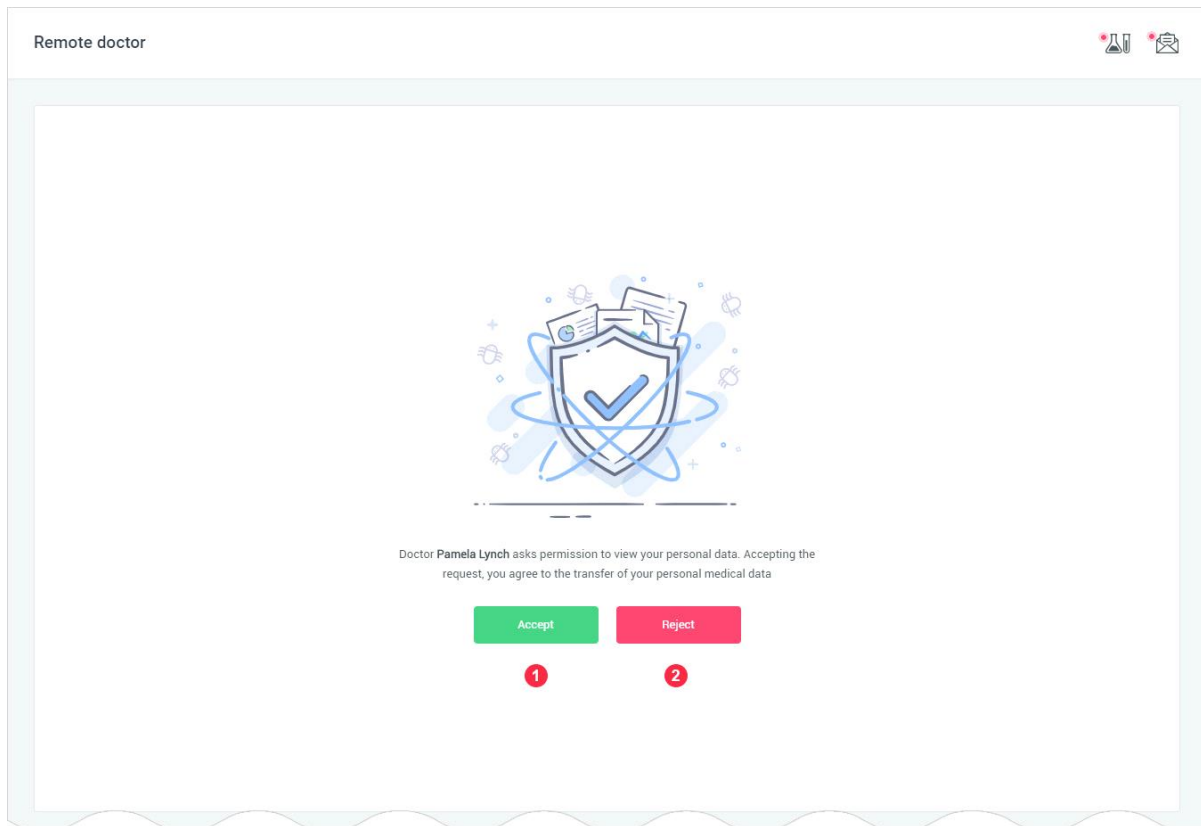
If the user chooses to connect to the remote doctor's account via email, he must provide the doctor with his email address (by any means of communication). After the doctor requests remote access to the user's account, the application will notify you:



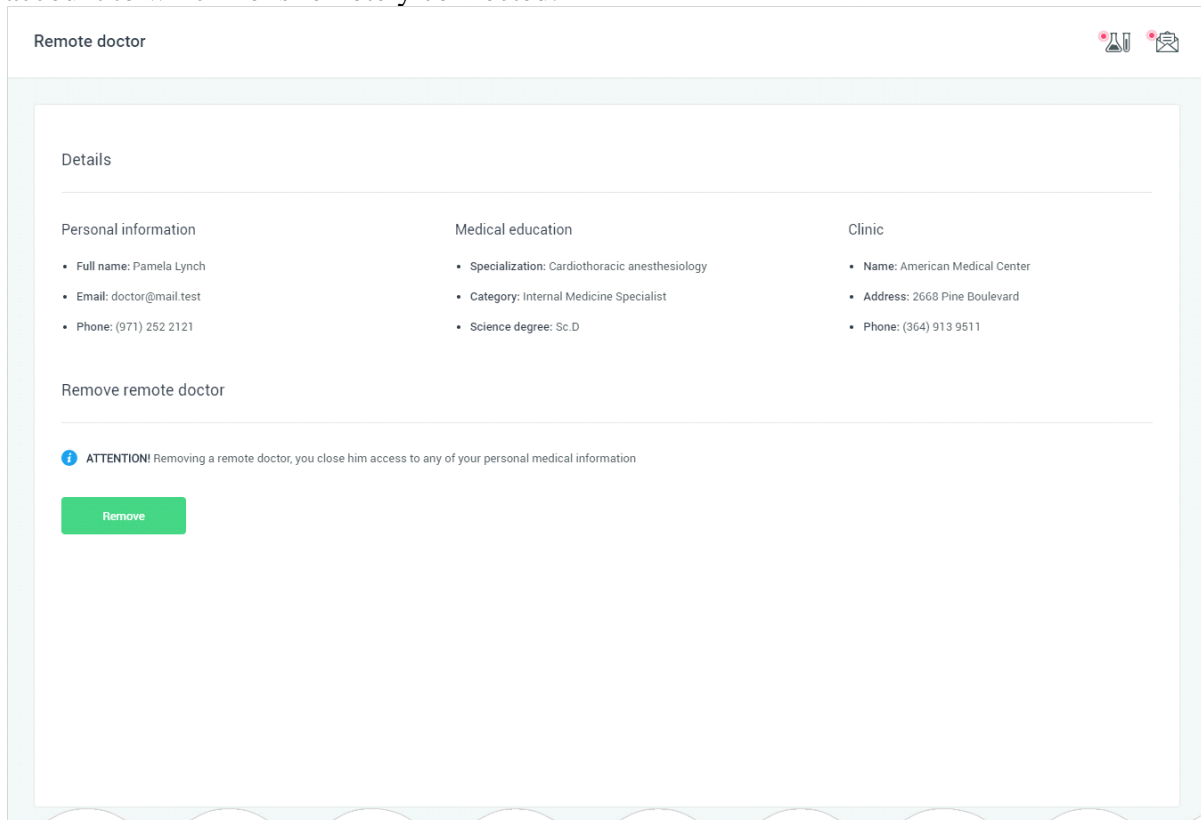
A message is sent to the user's email requesting remote access:



The Notification Center also reports that a request has been made to connect to the doctor's account and provide him with remote access to the user's medical data - **SECTION 12.1** To connect to the account of the remote doctor, the user clicks the button "Accept" - marker 1, or rejects the request by clicking on the button "Reject" - marker 2.



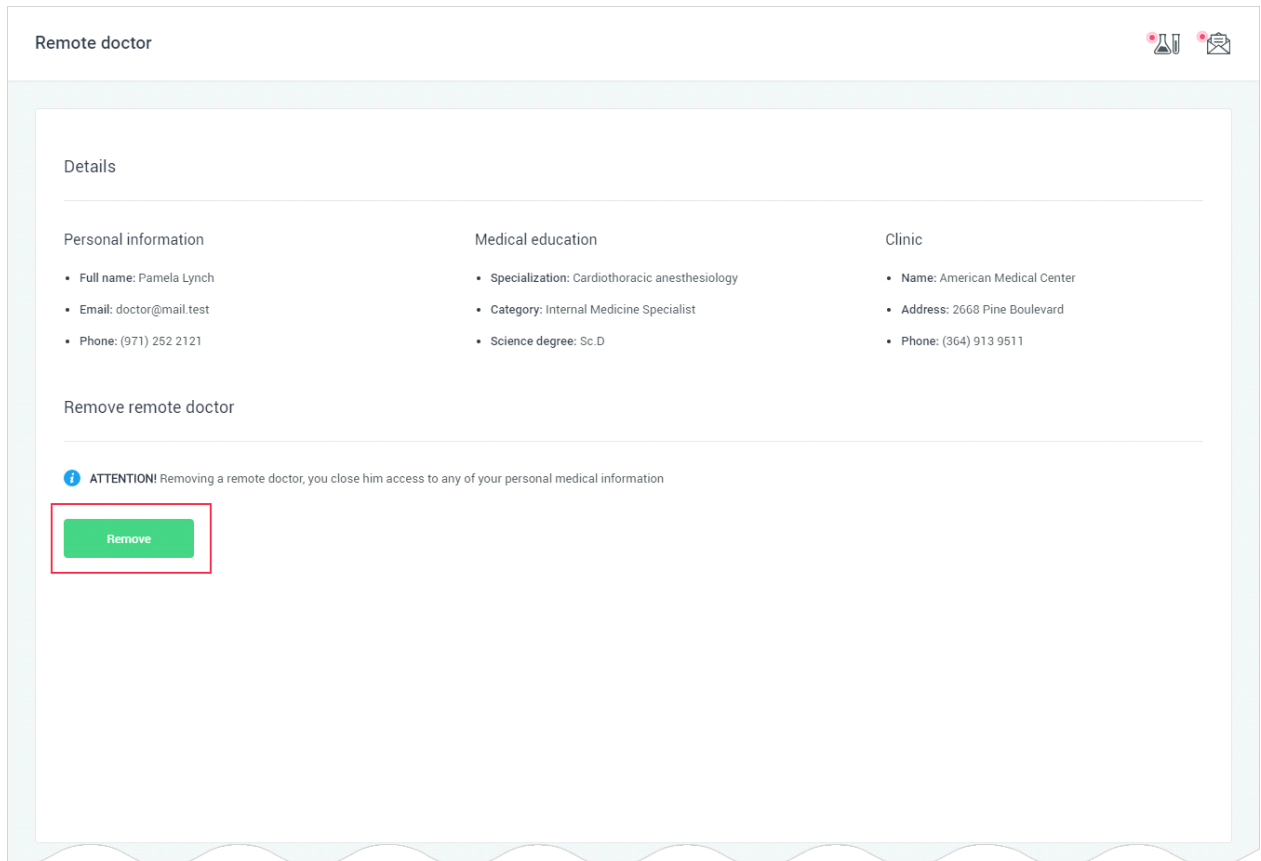
After confirming the provision of remote access to your medical data to the doctor, a connection will be established between the two accounts, and the doctor will have access to personal and medical data of the user. The user receives information about the doctor to the account to which he is remotely connected:



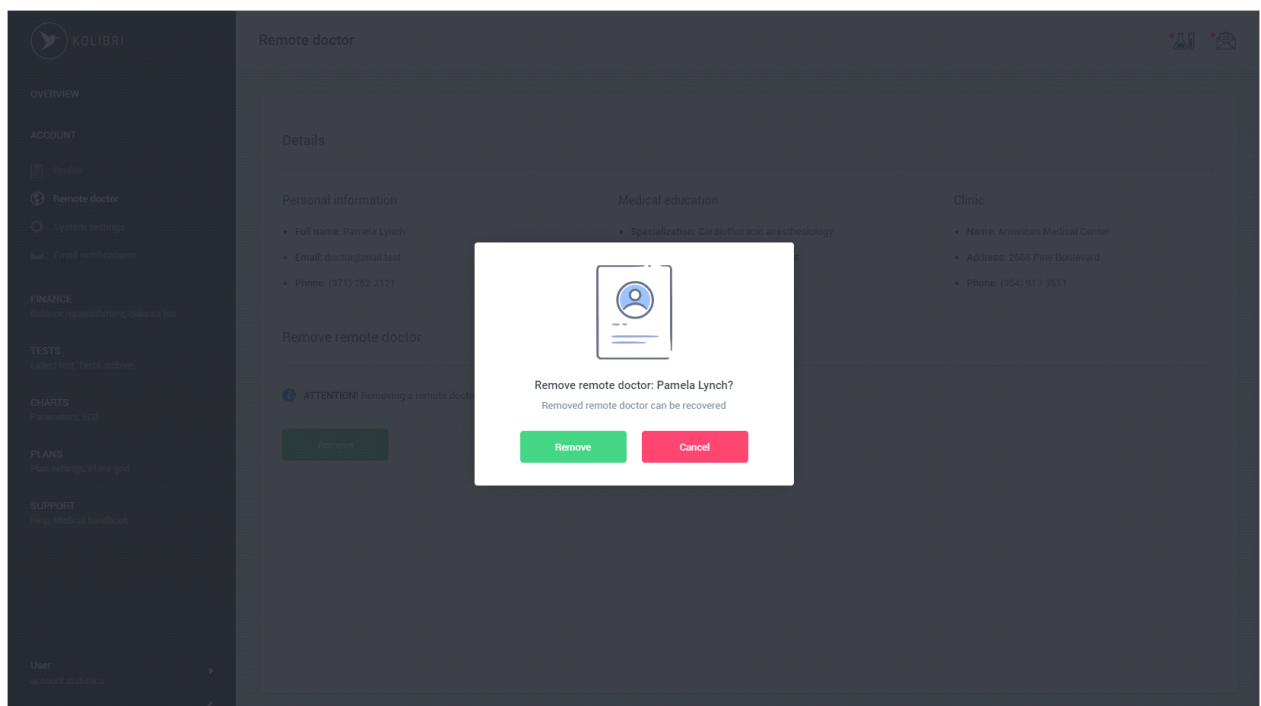


### 13.3 Disconnection from the remote doctor's account.

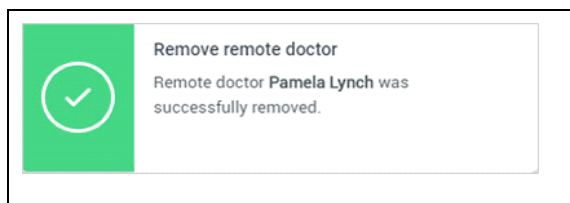
If the user wants to refuse to provide his test results to a remote doctor or deny him access to his personal and medical data, he clicks the "Remove" button:



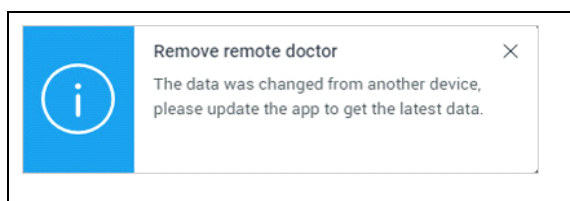
The application will open a modal window to confirm the user's action:



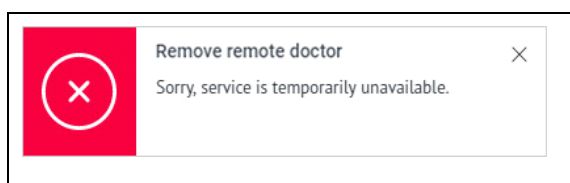
If the account sign-out is successful, the application will notify you:



If the account is successfully disconnected from another device, the program will notify you:



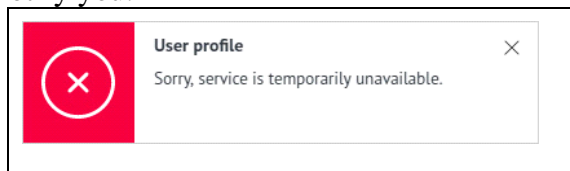
If an error occurs while disconnecting from your doctor's account, the app will notify you:



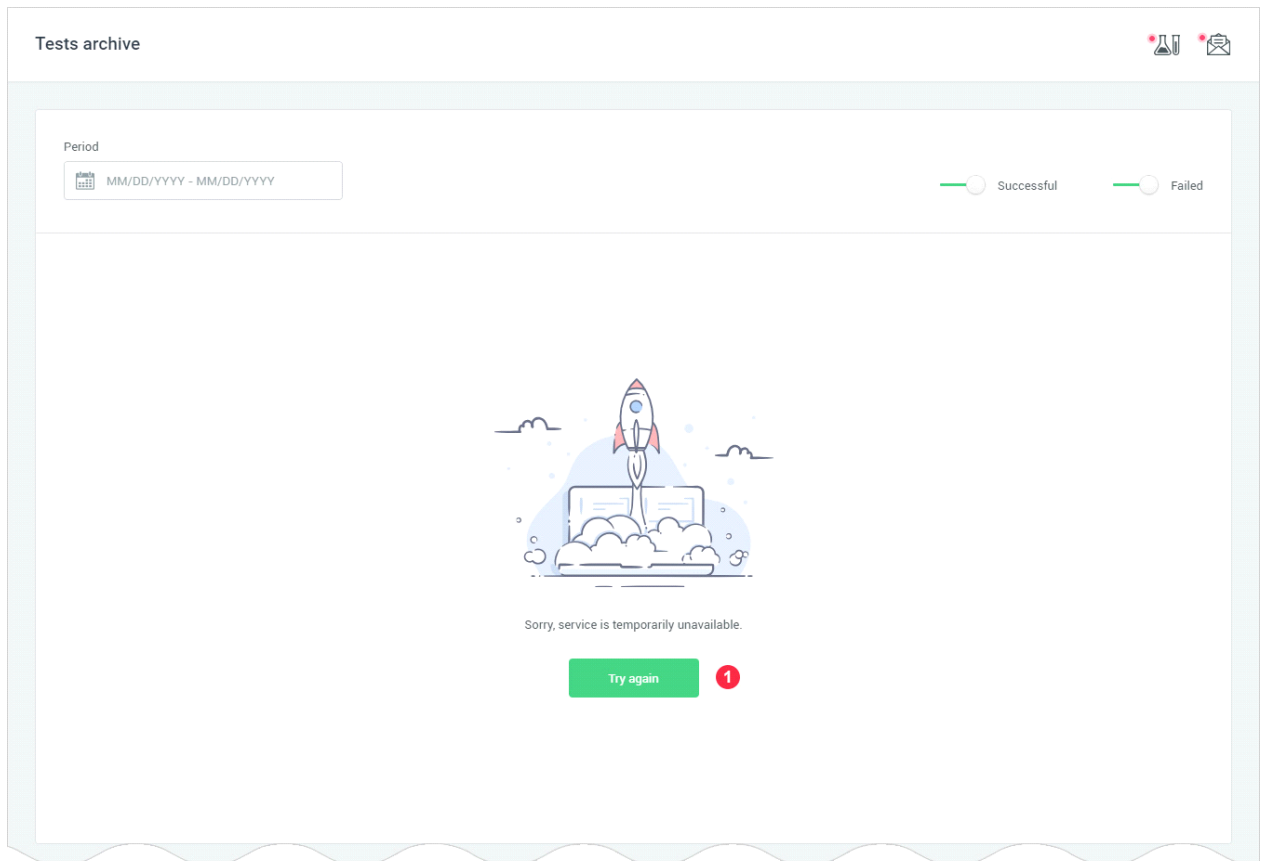
#### 14. Error messages or inability to perform actions in the HSP KOLIBRI.

##### 14.1 Error messages when exchanging data with the HSP KOLIBRI server.

In case of an error when exchanging data with the HSP KOLIBRI server, the application will notify you:

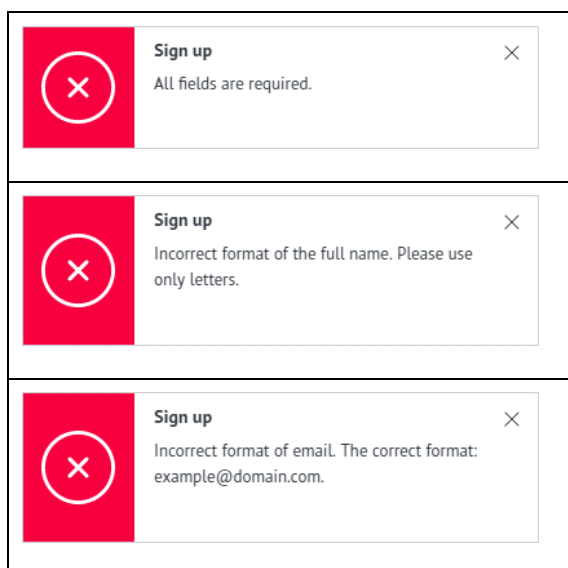












View of the application page:








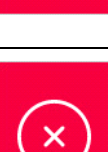




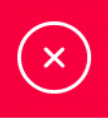




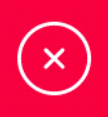



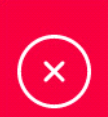
To resend the request to the server, the user clicks on the "Try again" - marker 1.

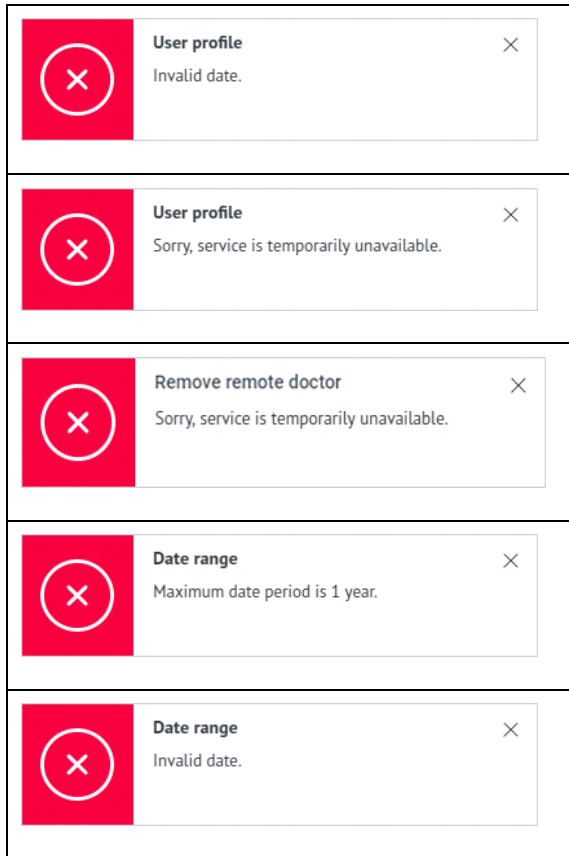
## 14.2 Error messages when using HSP KOLIBRI.



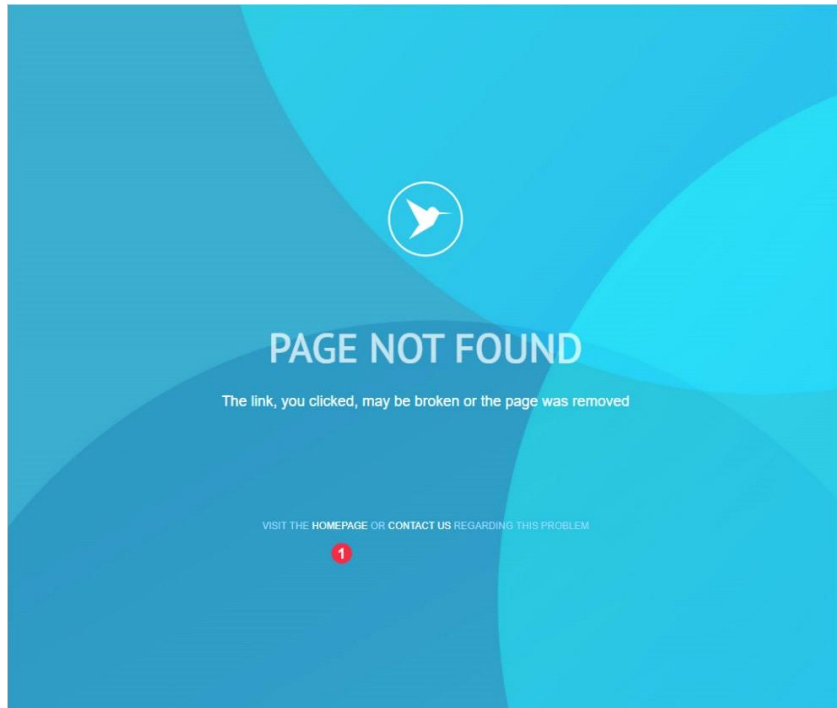
	<p><b>Sign up</b> <span style="float: right;">×</span></p> <p>Minimum 5 characters should be used; spaces are not allowed.</p>
	<p><b>Sign up</b> <span style="float: right;">×</span></p> <p>You must agree to KOLIBRI's Terms of Service.</p>
	<p><b>Sign up</b> <span style="float: right;">×</span></p> <p>This email address is already in use.</p>
	<p><b>Email verification</b> <span style="float: right;">×</span></p> <p>Email verification failed.</p>
	<p><b>Sign in</b> <span style="float: right;">×</span></p> <p>All fields are required.</p>
	<p><b>Sign in</b> <span style="float: right;">×</span></p> <p>Incorrect format of email. The correct format: example@domain.com.</p>
	<p><b>Sign in</b> <span style="float: right;">×</span></p> <p>Email/password combination is not valid.</p>
	<p><b>Password reset</b> <span style="float: right;">×</span></p> <p>All fields are required.</p>
	<p><b>Password reset</b> <span style="float: right;">×</span></p> <p>User with such an email is not registered in the system.</p>
	<p><b>Password update</b> <span style="float: right;">×</span></p> <p>All fields are required.</p>

	<p><b>Password update</b> <span style="float: right;">×</span></p> <p>Minimum 5 characters should be used; spaces are not allowed.</p>
	<p><b>Password update</b> <span style="float: right;">×</span></p> <p>Your passwords do not match.</p>
	<p><b>Password update</b> <span style="float: right;">×</span></p> <p>Invalid reset key.</p>
	<p><b>Activation</b> <span style="float: right;">×</span></p> <p>Activation key is incorrect.</p>
	<p><b>Email send</b> <span style="float: right;">×</span></p> <p>All fields are required.</p>
	<p><b>Email send</b> <span style="float: right;">×</span></p> <p>Incorrect format of email. The correct format: example@domain.com.</p>
	<p><b>Download PDF</b> <span style="float: right;">×</span></p> <p>Your browser doesn't support direct downloading of PDF files. Try sending results of the test to email.</p>
	<p><b>Balance replenishment</b> <span style="float: right;">×</span></p> <p>Invalid replenishment amount. Use numbers only. Field is required.</p>
	<p><b>Balance replenishment</b> <span style="float: right;">×</span></p> <p>Incorrect minimum / maximum amount of replenishment.</p>
	<p><b>Invoice</b> <span style="float: right;">×</span></p> <p>Invoice payment was failed.</p>

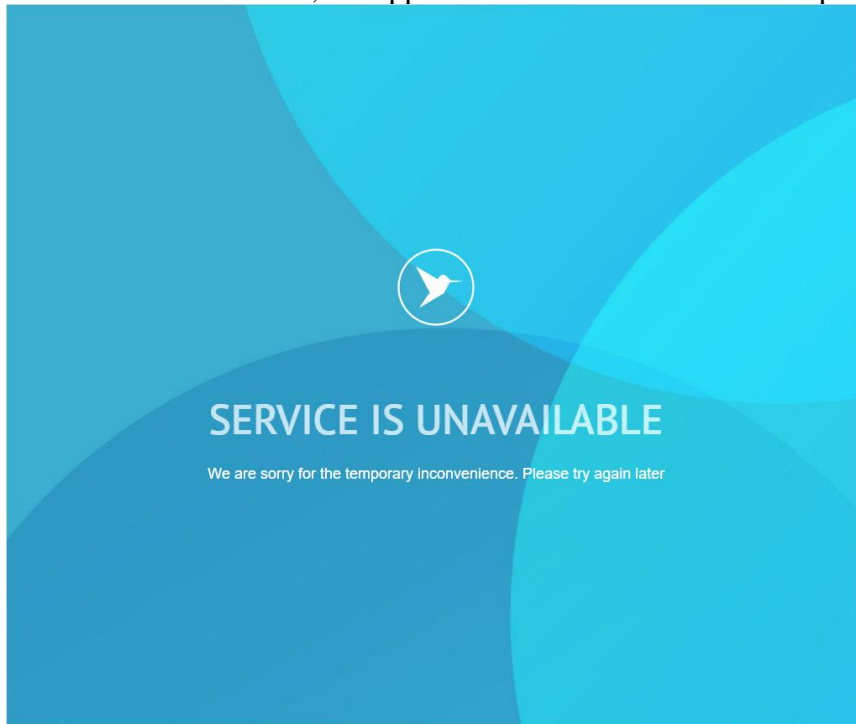
	<b>Change Email</b> All fields are required.	×
	<b>Change Email</b> Incorrect format of email. The correct format: example@domain.com.	×
	<b>Change Email</b> Wrong current password.	×
	<b>Change Email</b> This email address is already in use.	×
	<b>Change password</b> All fields are required.	×
	<b>Change password</b> Minimum 5 characters should be used; spaces are not allowed.	×
	<b>Change password</b> Wrong current password.	×
	<b>Delete account</b> Account deletion key is incorrect.	×
	<b>User profile</b> Full name is required.	×
	<b>User profile</b> Incorrect format of the full name. Please use only letters.	×



If the user requests an application page that does not exist or has been moved, the application redirects it to page 404:



Using the navigation of page 404 - marker 1, the user can go to the main page of the program. If there is no connection to the server, the application redirects the user to a special page:



When the connection to the server is restored, the application automatically redirects the user to the page he requested.



## 15. Calendar.

### 15.1 The «Calendar» filter.

The “Calendar” filter (hereinafter referred to as the calendar) is used to filter data by date (from and to). The calendar is present on such pages of the application as: Tests archive, Parameters, ECG, Balance history, Invoices. The calendar has the same mechanism and does not depend on the type of data requested. General view of the calendar

The screenshot displays the 'Tests archive' page. At the top, there is a 'Period' filter section with a date input field (1) and a legend for 'Successful' (green) and 'Failed' (grey) tests. Below this is a calendar widget (2, 3, 4, 5) showing December 2017 and January 2018. A date range selector (6) is positioned to the right of the calendar, with options for 'Today', 'Yesterday', 'Last 7 days', 'Last 30 days', and 'This month'. Below the calendar and selector is an 'Apply' button (7) and a 'Clear' button. The main content area shows a table of test results with columns for test ID, date, success status, and risk levels (Medium, High). Each row has an 'Open test' button.

1: Calendar field, to display the selected date. The date can be entered by the user manually, without using the calendar widget, which is called automatically when you click on the field. The calendar field has a built-in data validation mechanism. Requirements for the resulting calendar field:

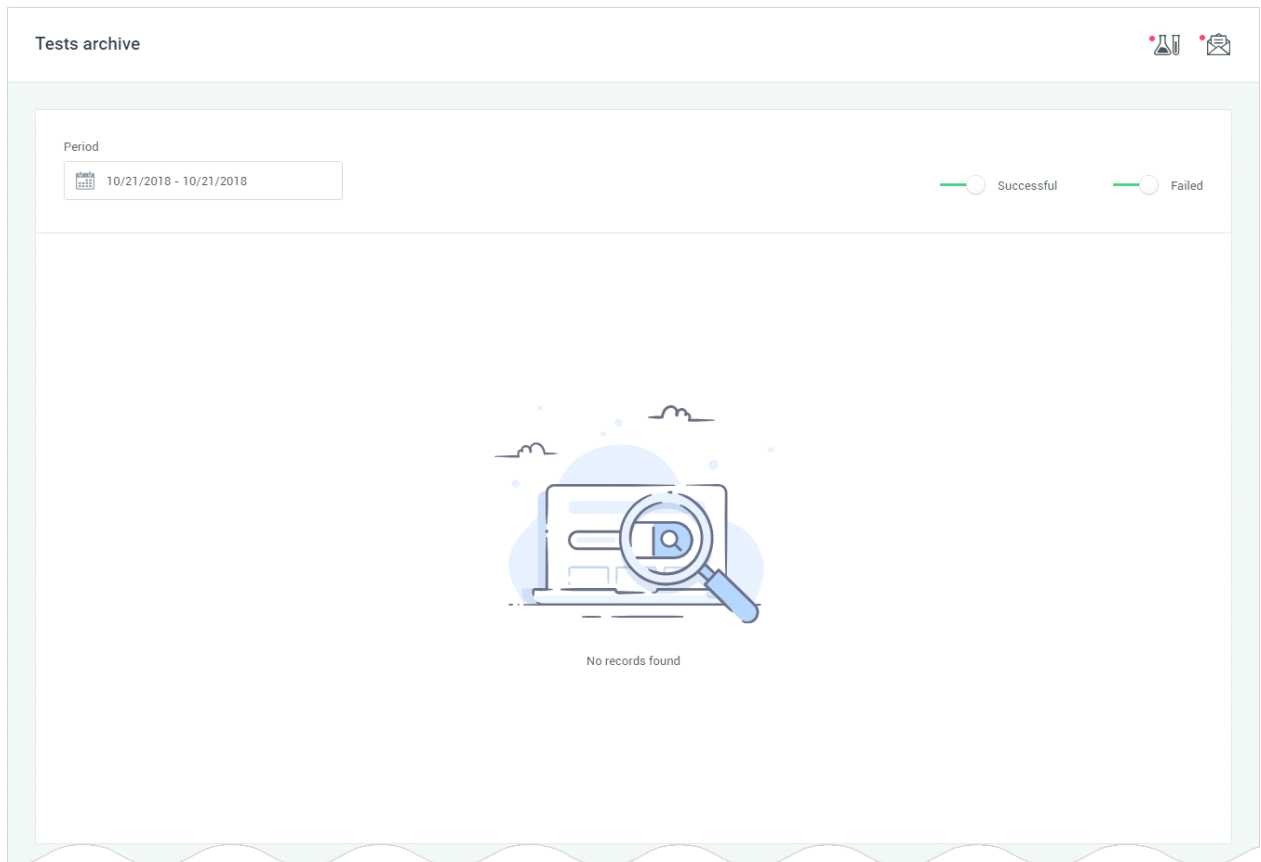
Period:

- only numbers are allowed;
- correspondence of the entered value of a mask in the input field;
- the maximum period between the start and end date is 1 year.

After the user enters the date, he must press the "Enter" key on the keyboard. If the data entered by the user contains errors, the application informs him about it:

The image shows two error messages in a list. The first message has a red 'X' icon and the text 'Date range' and 'Maximum date period is 1 year.' The second message has a red 'X' icon and the text 'Date range' and 'Invalid date.'

If the data is entered incorrectly, the requested data will be filtered by date. If the required data does not exist in the selected time interval, the application informs about it:



2: Field for displaying the start date of the filtering (start date). The date can be entered manually by the user.

3: End date display field. The date can be entered manually by the user.

4: Calendar of the start date of filtering (start date).

5: End date filter calendar.

6: Quick filter button block. Pre-quick filters by date:

- Today – current day;
- Yesterday;
- Last 7 days;
- Last 30 days;
- This month.

7: Block of selection control buttons.

To filter data by date using the calendar widget, the user selects the start date of the filter (marker - 1) and the end date of the filter (marker - 2) by clicking on the dates in the monthly calendars:

Tests archive

Period

MM/DD/YYYY - MM/DD/YYYY

11/01/2017 12/15/2017 Today Yesterday Last 7 days Last 30 days This month

Apply Clear

Noise level Risk of pathologies

2686	01/10/2018, 2:36 PM	SUCCESSFUL	Medium	84	High	21	-
2685	01/10/2018, 2:16 PM	SUCCESSFUL	High	96	Medium	16	-
2684	01/10/2018, 1:55 PM	SUCCESSFUL	Medium	83	High	24	-

The user-selected calendar interval is highlighted in blue. To confirm the selection, the user clicks the "Apply" button in the selection control unit - marker 3. If the data is entered correctly, the requested data will be filtered by date. If the required data does not exist, in the selected time interval, the application informs about it:

Tests archive

Period

10/21/2018 - 10/21/2018

Successful Failed

No records found

To clear the filter fields, the user clicks the "Clear" button in the selection control unit - marker 3.

When clearing the filter fields, the user displays the last 25 results (tests, balance operations, etc., depending on the current page on which the user is).

## 16. Doctor's account. Corporate tariff plans.

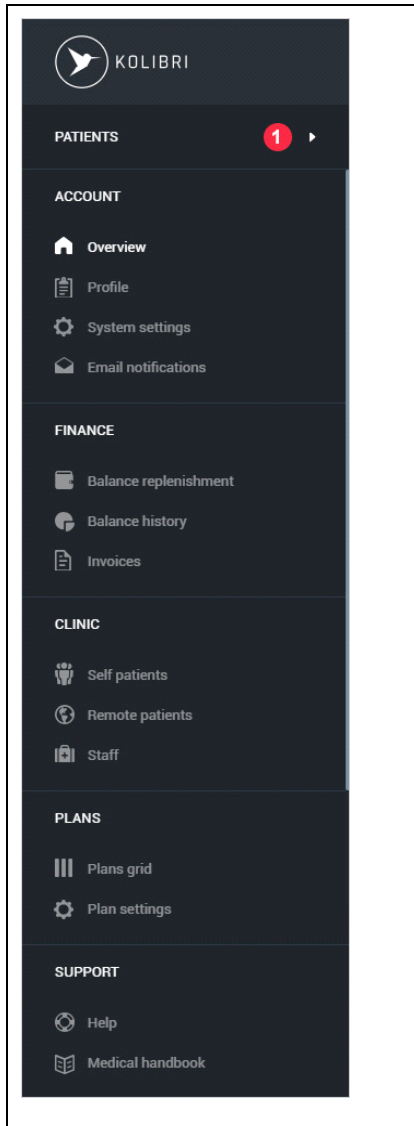
The doctor's account can be used personally by a doctor or a medical institution. If this account is used by a medical institution, the physician processing the diagnostic results may qualify as STAFF (see the relevant section of this guide).

To switch to a doctor's account, you need to purchase the appropriate corporate tariff plan (Section 9.3. Corporate tariff plans.)

Authorization, registration, activation of HSP KOLIBRI is described in the relevant sections of the manual above (Section 1, 2).

After purchasing one of the corporate tariff plans and joining HSP KOLIBRI, the program interface will be changed. Additionally, new sections will be displayed, the software menu will be updated.

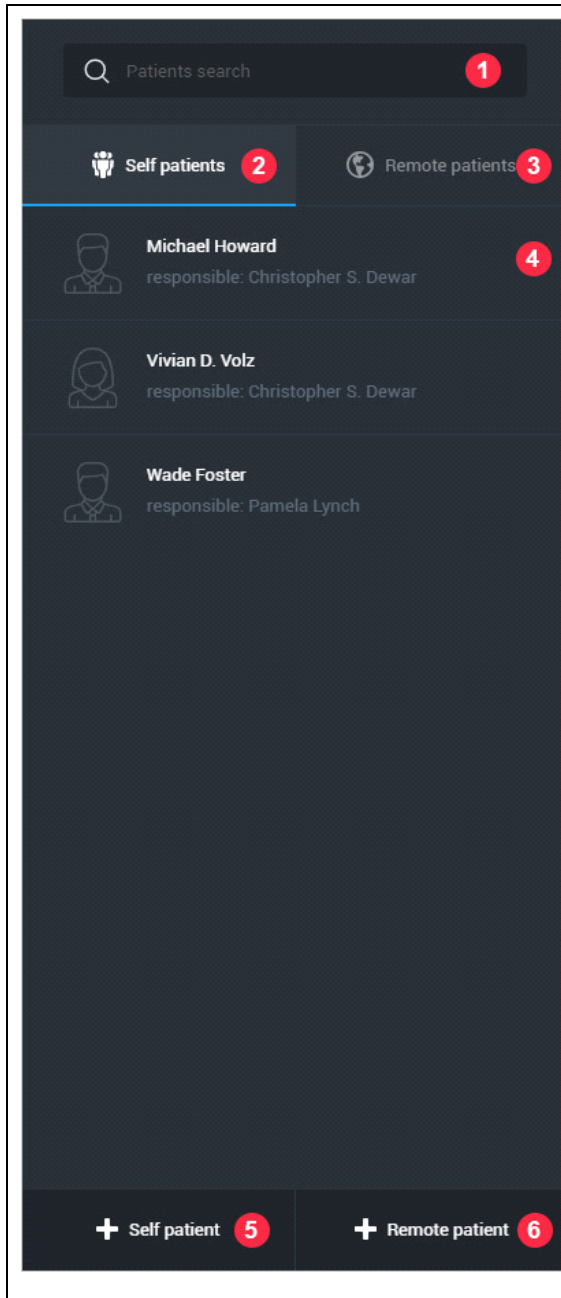
### 16.3.1 Main menu (Doctor's account).



The main navigation menu contains the "Patients menu", for quick access to the list of patients.

To open the "Patients menu", the user must click on the block "Patients" - marker 1.

General view of "Patients menu":



Marker 1 - quick search of the list of patients. The search can be performed in the fields: responsible, name.

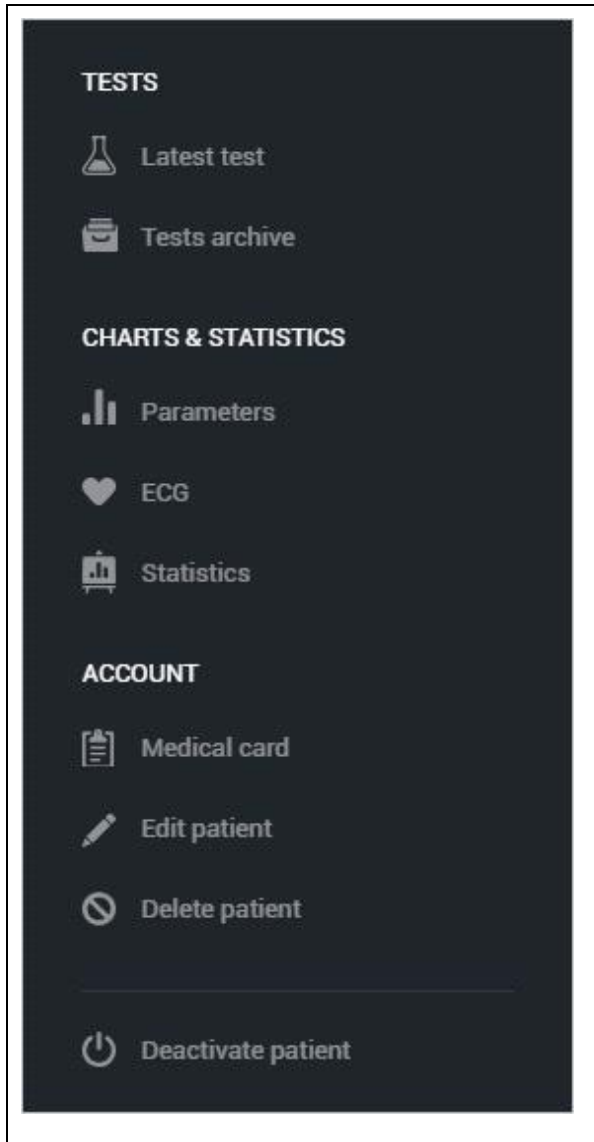
Marker 2 is a tab listing the user's patients who are being tested locally.

Marker 3 is a tab listing the user's patients who are being tested remotely.

Marker 4 - patient.

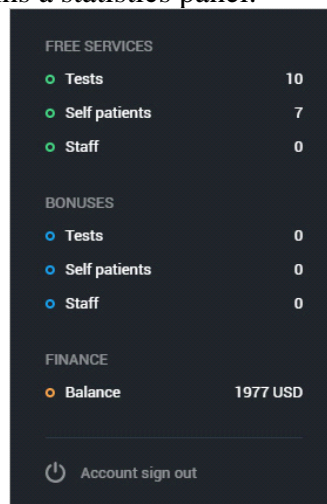
Marker 5 - a button to create your own patient.

Marker 6 is a button for connecting a remote patient who is being tested remotely on his own.



To select a patient, the user must click on his name - marker 4. The application automatically activates the test results of the selected patient and opens an additional "Patient menu".  
General view of the "Patient menu":

The main navigation menu contains a statistics panel:



FREE SERVICES	
○ Tests	10
○ Self patients	7
○ Staff	0
BONUSES	
○ Tests	0
○ Self patients	0
○ Staff	0
FINANCE	
○ Balance	1977 USD
<hr/>	
🔌 Account sign out	

The statistics panel consists of seven items:

Free services:

- Tests - the number of free tests (the value is updated every 24 hours);
- Self patients - the number of free own patients of the user, which is allowed by the selected tariff plan;
- Staff - the number of accounts of medical staff (their balance), which can be created according to the selected tariff plan.

Bonuses:

- Tests - the number of bonus tests provided free of charge;
- Self patients - the number of bonus self patients who can be added to their account free of charge;
- Staff - the number of medical staff who can be added to your account for free;



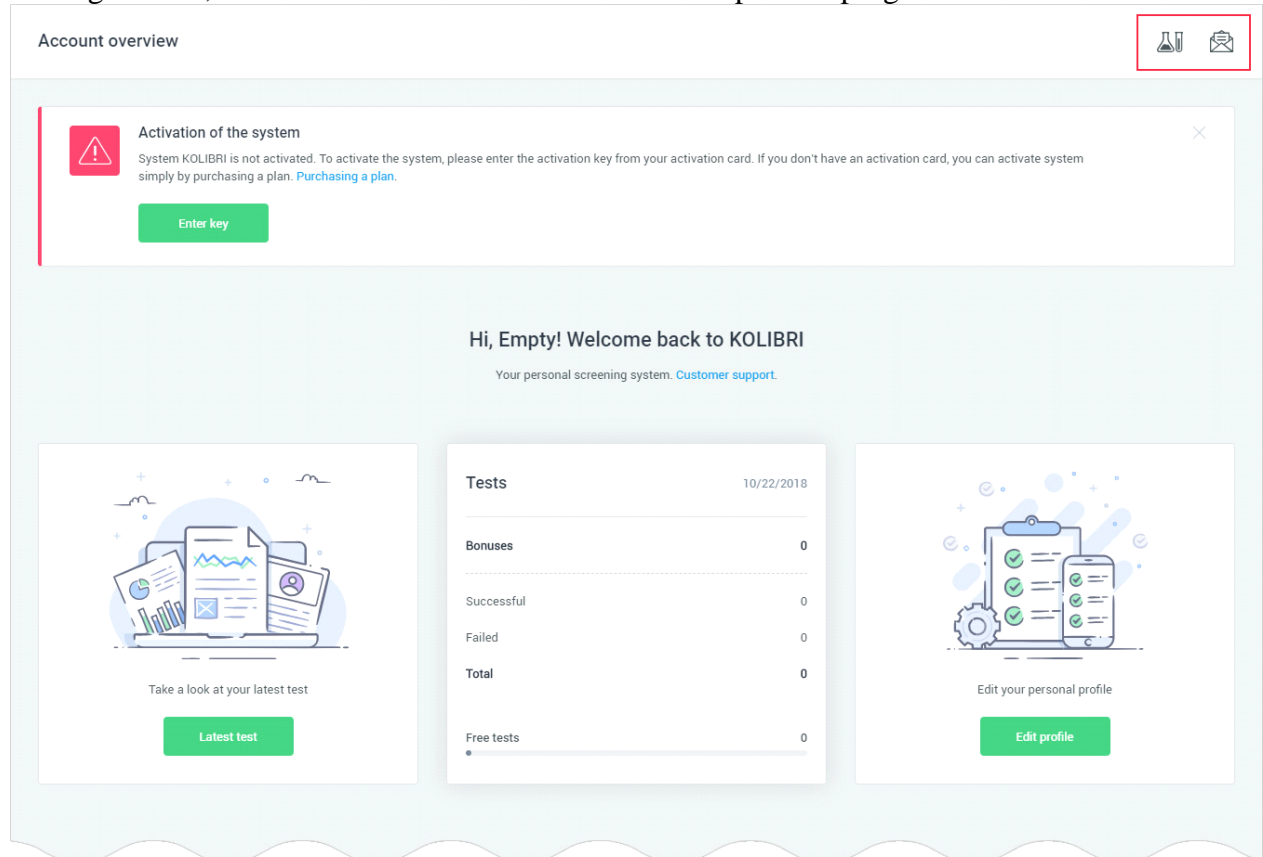
Finance:

- Balance - the current balance of the user.

The statistics panel also contains a link to log out of the account - "Account sign out".

### 16.3.2 Messages (Doctor's account).

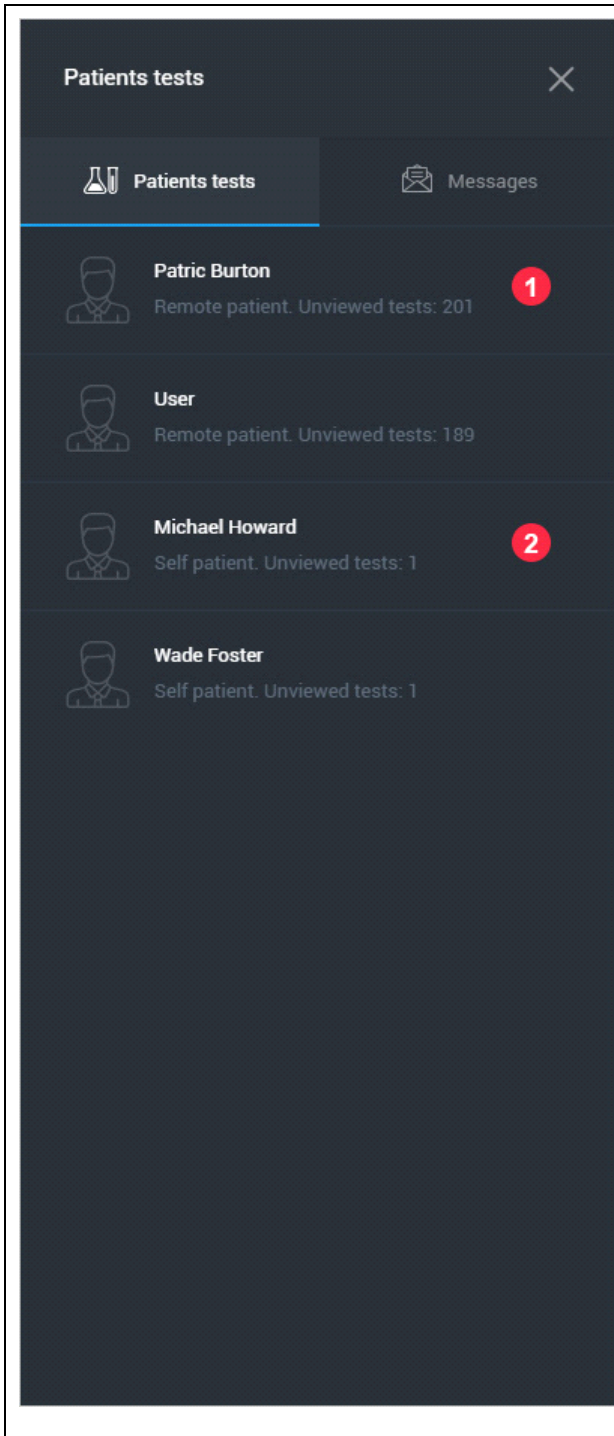
The message center contains two information tabs: patient tests and messages. To call the message center, the user must click on the icons at the top of the program:



If the user has a message, a flashing red marker will appear above the icons at the top of the application:

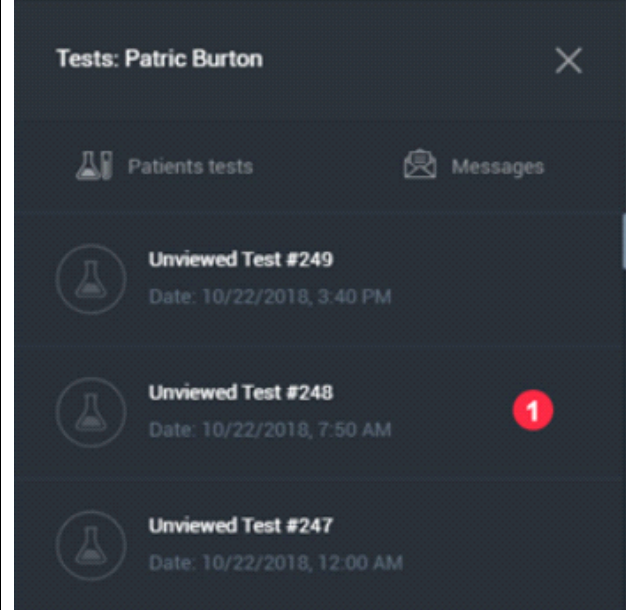


«Patients tests» tab:

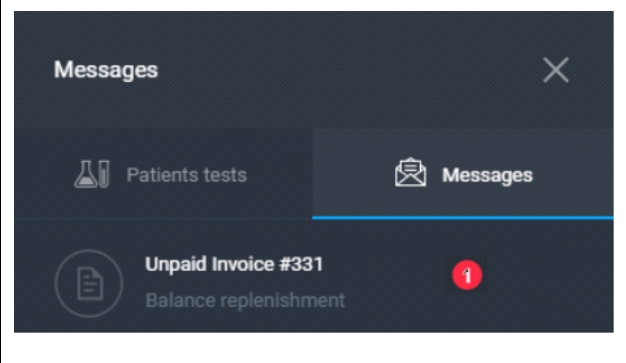


The Patient Tests tab displays all user patients who have unattended tests. Remote patients will appear at the top of the list - marker 1, own patients are displayed below - marker 2.

To view the list of unattended patient tests, the user clicks on the patient's name - marker 1, 2. The application will automatically download all unattended patient tests.

	<p>To view the test, the user clicks on the test number - marker 1. The application automatically redirects the user to the selected patient test. The test status will change to "Revised". Subsequently, the revised test is removed from this list. Only tests not viewed by the user remain in the list.</p>
---	--

«Messages» tab:

	<p>The Messages tab displays unpaid user invoices. To view the unpaid invoice, the user clicks on the invoice number - marker 1. The application automatically redirects the user to the selected invoice.</p>
--	--

#### 16.4 Main screen (Doctor's account).

Overview - the main screen of the HSP KOLIBRI application, which is located at <https://kolibri.one/main/overview>. On this screen, the user can view statistics on the tests performed, the number of patients and medical staff.

- 1: Block of statistics on tests conducted during the day. The lower scale of the block shows the number of free tests that the user has left until the end of the day.
- 2: Block of statistics on own patients. The lower scale of the block shows the number of own patients that can be created for free.
- 3: Block of statistics on medical staff. The bottom scale of the block shows the number of remaining medical staff that the user can create for free.
- 4: Links to the HSP KOLIBRI support page.

View of the main screen:

Account overview

Hi, Pamela Lynch! Welcome back to KOLIBRI

Screening system for testing your patients. [Customer support](#) 4

Tests	10/23/2018
Bonuses	0
Successful	0
Failed	0
Total	0
Free tests	10 / 10

Self patients	
Bonuses	0
Paid	0
Free	3
Total	3
Free self patients	7 / 10

Staff	
Bonuses	0
Paid	0
Free	2
Total	2
Free staff	0 / 2

## 16.5 Patients menu (Doctor's account).

### 16.5.1 List of patients (Doctor's account).

Self patients list - an application page that contains a list of the user's self patients. The page is located at: <https://kolibri.one/main/doctor/self-patients/list>. There is no pagination.

Self patients

Search

Start typing a query

+ Self patient

Patient	Patient data	ICD-10	Diabetes	Actions
<p><b>Michael Howard</b> creator: Pamela Lynch responsible: Christopher S. Dewar</p>	<p>gender: male age: 18 phone: (370) 298 1213</p>	<ul style="list-style-type: none"> <li><b>A15.0</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by sputum microscopy with or without culture.</li> <li><b>A15.1</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by culture only.</li> <li><b>A15.2</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed histologically.</li> </ul>	<p><b>TYPE 1</b></p>	<p>Actions</p>
<p><b>Vivian D. Volz</b> creator: Christopher S. Dewar responsible: Christopher S. Dewar</p>	<p>gender: female age: 52 phone: (370) 999 5678</p>	<ul style="list-style-type: none"> <li><b>A00.0</b> Cholera. Cholera due to <i>Vibrio cholerae</i> 01, biovar cholerae.</li> </ul>	<p>—</p>	<p>Actions</p>
<p><b>Wade Foster</b> creator: Pamela Lynch responsible: Pamela Lynch</p>	<p>gender: male age: 87 phone: (370) 298 3452</p>	<p>—</p>	<p>—</p>	<p>Actions</p>

1: Quick search box by patient list. The search can be performed on any field in the list of patients.

2: Button to add a new patient.

3: Patient name, user name responsible for the patient.

4: Gender of the patient, age of the patient, telephone number of the patient.

5: Disease of the patient according to ICD-10. This section is filled in by the user independently for each patient separately. The patient's list of diseases can be changed through patient editing.

6: The presence of diabetes in the patient. The field can have one of three values:

- Type 1 - type 1 diabetes;
- Type 2 - type 2 diabetes.
- Empty line - the patient does not have diabetes.

7: "Actions" button. At the click of a button, the user is given a choice of eight options:

- the latest patient test performed;
- patient test archive;
- plotting on test parameters;
- ECG;
- statistics by parameters;
- medical card of the patient;
- edit the patient's medical data (name, weight, height, blood type, etc.);
- removal of the patient.

The screenshot displays the 'Self patients' interface. At the top, there is a search bar with the placeholder text 'Start typing a query' and a '+ Self patient' button. Below the search bar is a table with columns: Patient, Patient data, ICD-10, Diabetes, and Actions. Three patient records are visible:

Patient	Patient data	ICD-10	Diabetes	Actions
Michael Howard creator: Pamela Lynch responsible: Christopher S. Dewar	gender: male age: 18 phone: (370) 298 1213	<ul style="list-style-type: none"><li>• A15.0 Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by sputum microscopy with or without culture.</li><li>• A15.1 Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by culture only.</li><li>• A15.2 Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed histologically.</li></ul>	TYPE 1	Expanded Actions menu: <ul style="list-style-type: none"><li>Latest test</li><li>Tests archive</li><li>Parameters</li><li>ECG</li><li>Statistics</li><li>Medical card</li><li>Edit patient</li><li>Delete</li></ul>
Vivian D. Volz creator: Christopher S. Dewar responsible: Christopher S. Dewar	gender: female age: 52 phone: (370) 999 5678	<ul style="list-style-type: none"><li>• A00.0 Cholera. Cholera due to Vibrio cholerae 01, biovar cholerae.</li></ul>	-	Actions
Wade Foster creator: Pamela Lynch responsible: Pamela Lynch	gender: male age: 87 phone: (370) 298 3452	-	-	Actions

All options that are available after clicking on the "Actions" button are also available from the "Patient menu" in the main menu of the program - **SECTION 16.3 (16.3.1)**.

Read in detail in sections 5.2-5.5 of this manual for a description of the possibilities of this menu.

### 16.5.6 Statistics (Doctor's account).

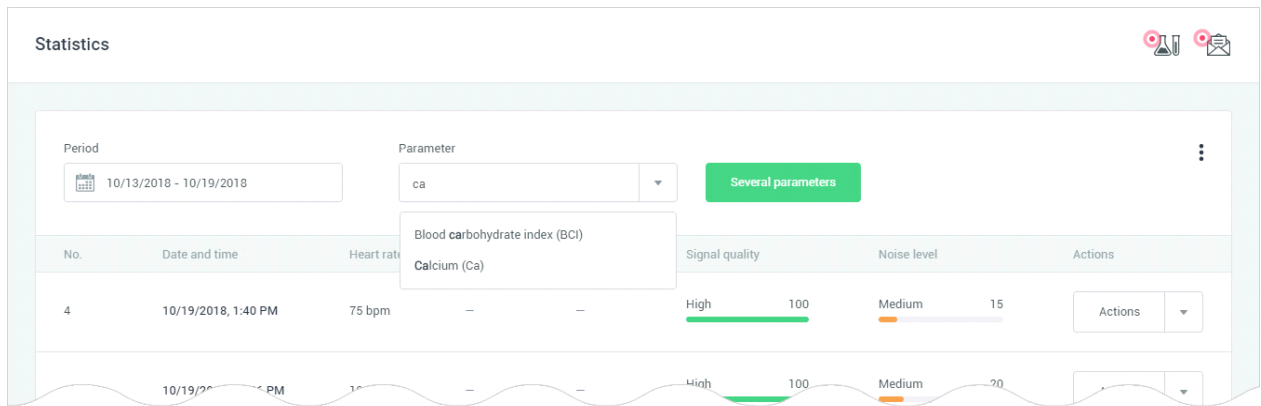
Statistics - an application page that displays selected patient test results as a list. The page is located at: <https://kolibri.one/main/doctor/self-patients/statistics>. By default, when the page loads, statistics are displayed for three parameters: "Stress index", "Heart rate", "Health index".

Display is possible, both on one, and on several parameters simultaneously. The maximum number of parameters for displaying the list is three. When constructing statistics by parameters, the test parameter data with the status "FAILED" are ignored. General view of the page "Statistics":

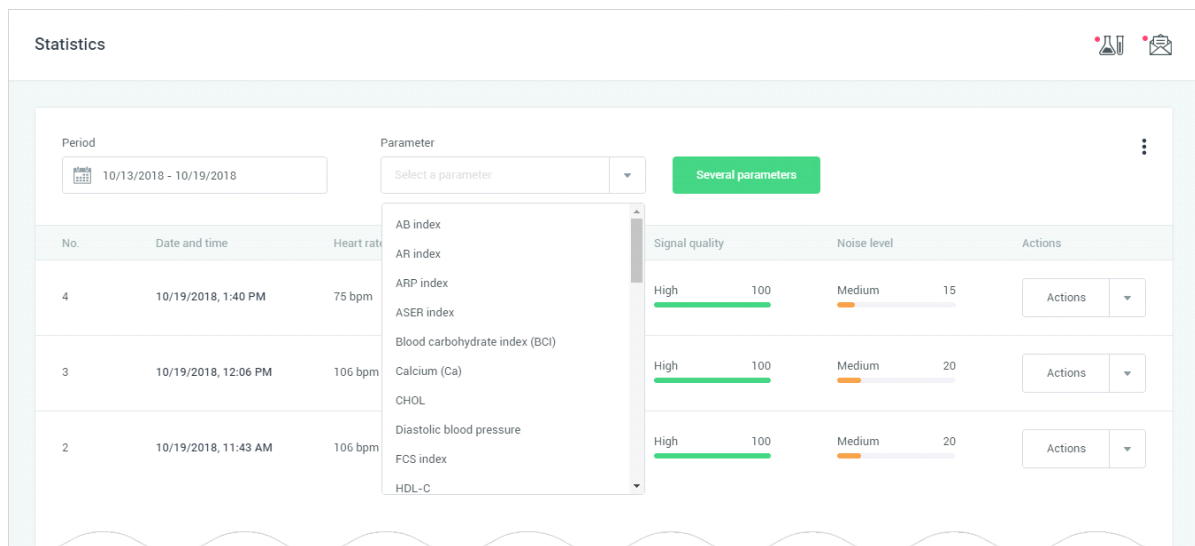
No.	Date and time	Heart rate	Signal quality	Noise level	Actions
4	10/19/2018, 1:40 PM	75 bpm	High 100	Medium 15	Actions
3	10/19/2018, 12:06 PM	106 bpm	High 100	Medium 20	Actions
2	10/19/2018, 11:43 AM	106 bpm	High 100	Medium 20	Actions

1: Field for filtering data by date. A detailed description of how to work with the "Period" filter can be found in SECTION 15.

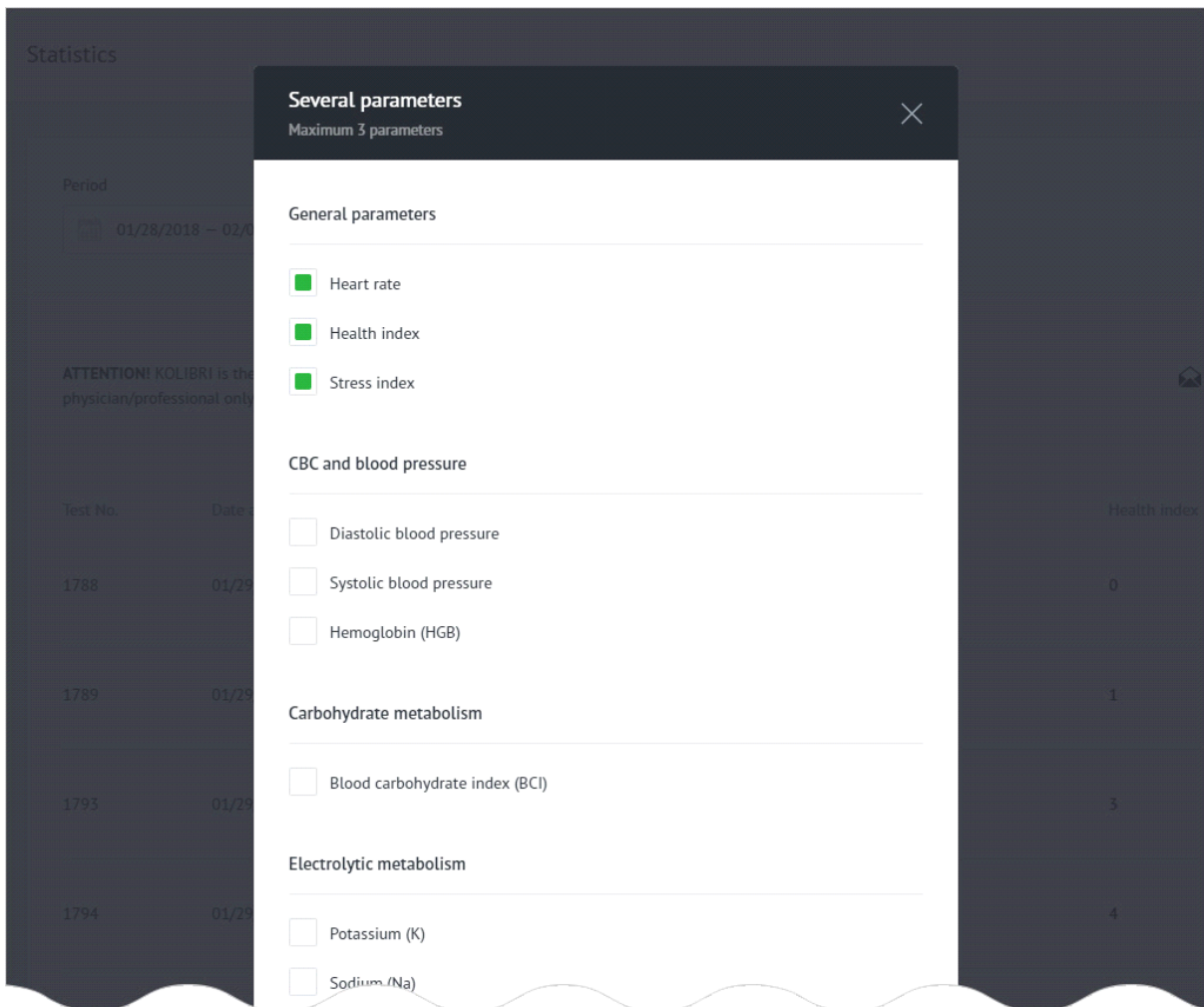
2: Drop-down list of parameter selection, to build statistics. This field supports entering the parameter name:



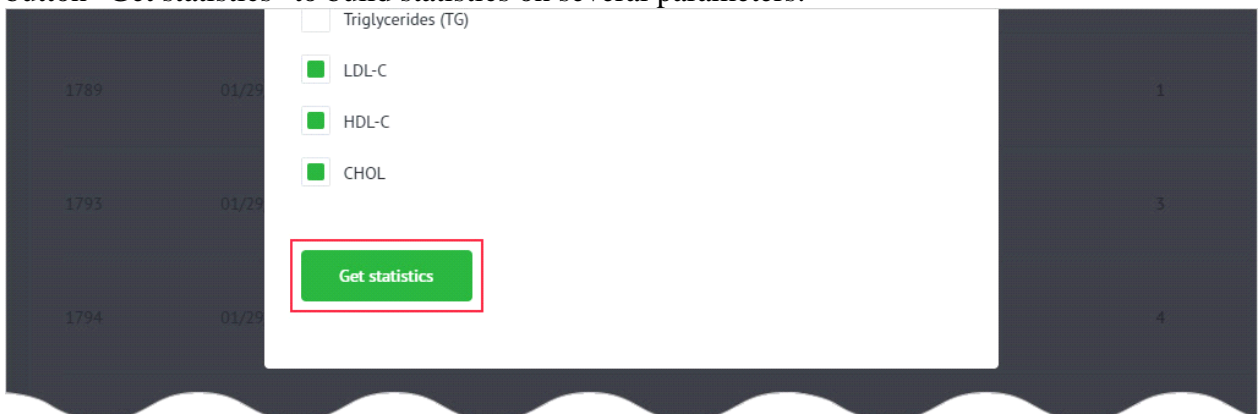
To build statistics, the user selects the desired parameter from the list and clicks on it. Statistics will be built automatically. The drop-down list and the construction of statistics looks the following way:



3: Button to build statistics on several parameters. When you click on the button, a modal window with a list of available options is called:



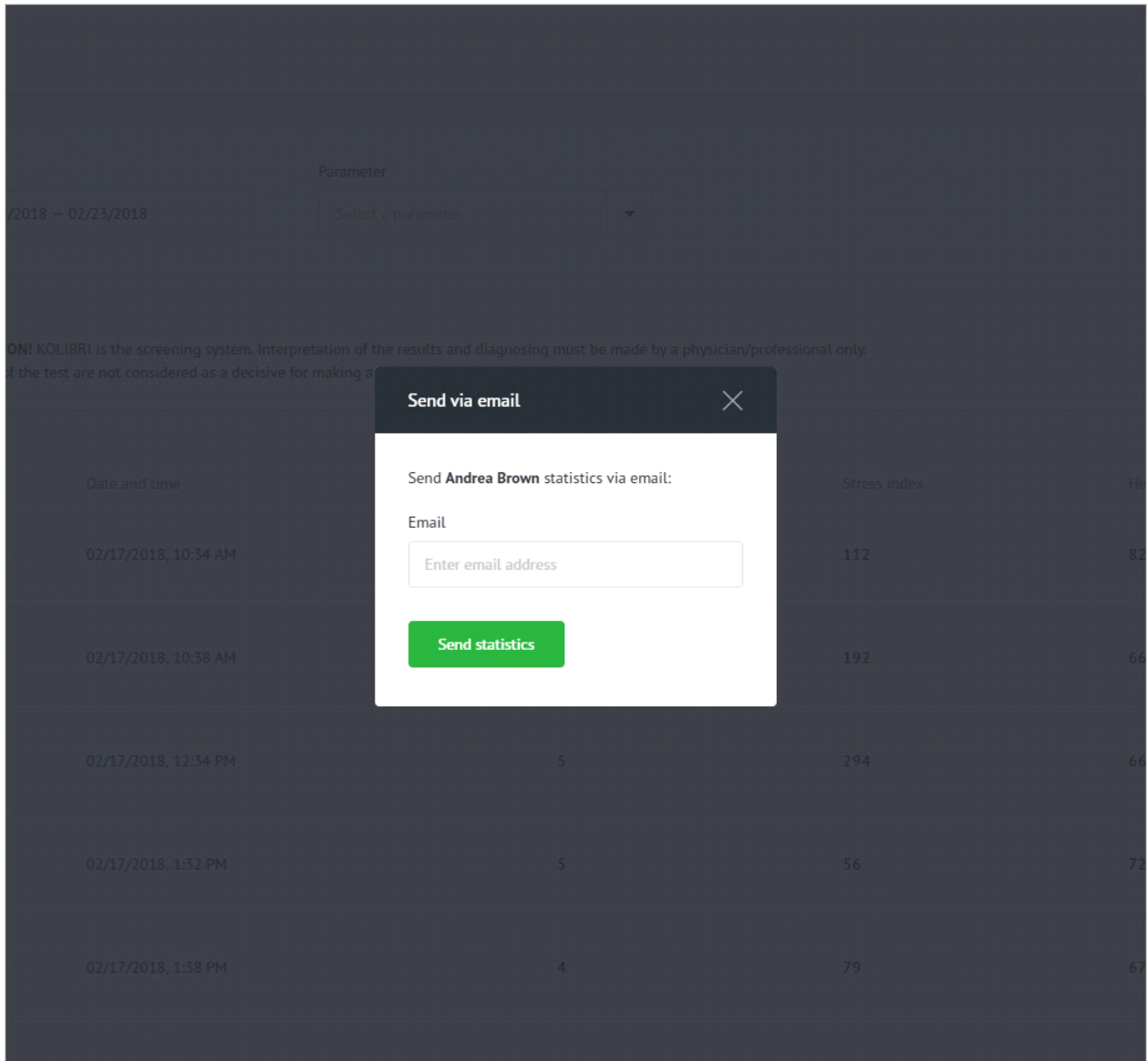
The user must select the required parameters (maximum three parameters) and click on the button "Get statistics" to build statistics on several parameters:



Construction of statistics on the selected parameters will happen automatically.

4: Menu for sending statistics to a user-specified email or downloading statistics as an XLSX file. When you click on the link "Send via email", a modal window is called:





The form for sending statistics to the specified email consists of one field, which is required:

- email.

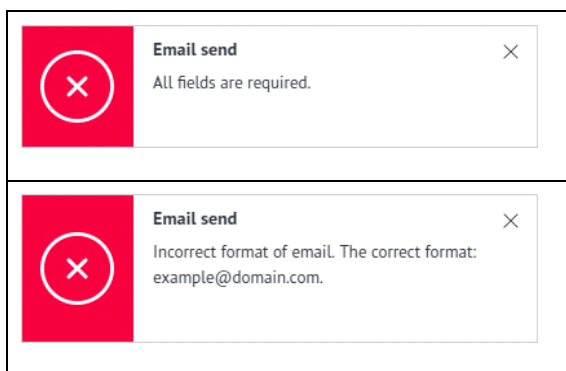
The email field has a built-in data validation mechanism. Requirements for the field to send statistics to the specified email:

Email:

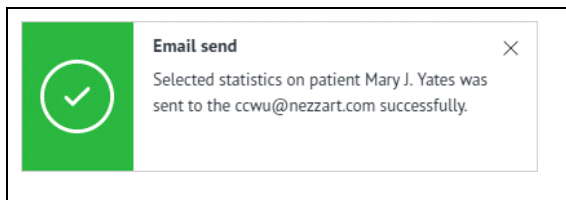
- the field cannot be empty;
- only email is allowed (W3C Email Regex check).

After completing the form to send statistics to the specified email, the user clicks "Send statistics" button.

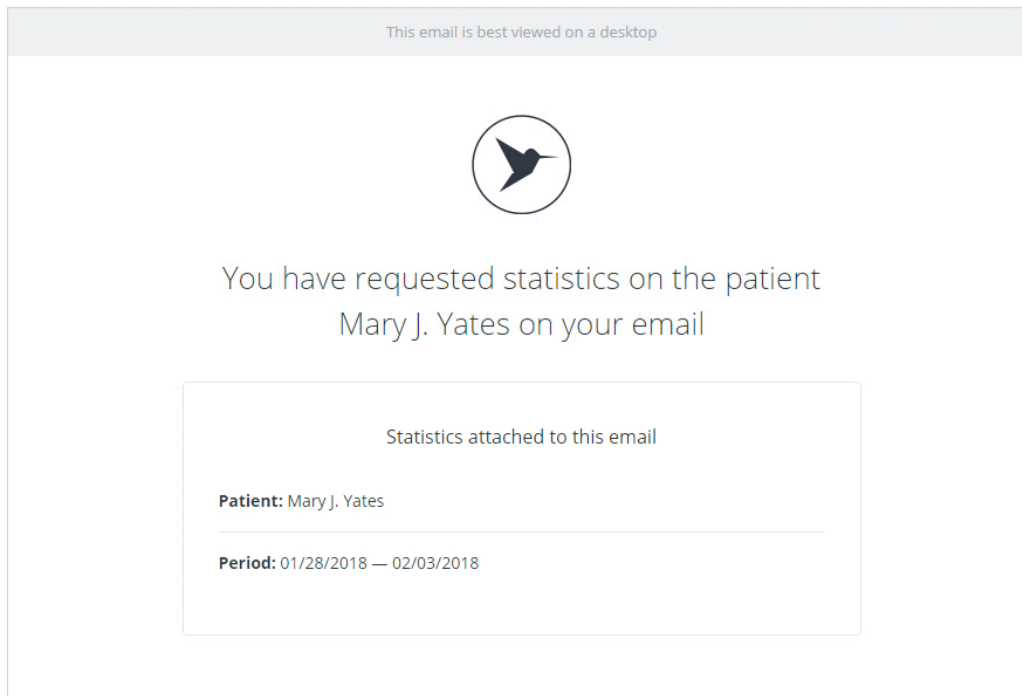
If the data entered by the user contains errors, the application informs him about it:



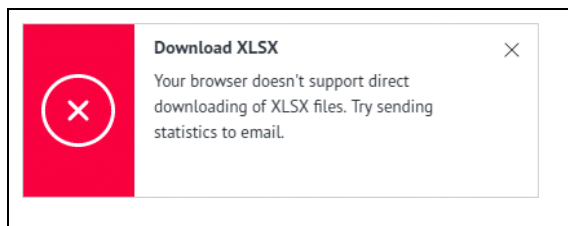
If the fields of the form are filled in correctly, the application will notify you about the successful sending of statistics to the specified email:



An email with a statistics file arrives at the email specified by the user. The statistics are attached to the email as an XLSX file:



When you click on the link "Download XLSX" starts downloading the statistics file for the selected parameters. File generation takes 10 to 15 seconds. If the user's browser does not support direct download of the XLSX file, the application informs about it:



5: Serial number of the test.

6: Date and time of the test.

7, 8, 9: Parameter data.

10: Signal quality during the test. The quality of the HA signal (hearth activity) can have one of three values:

- high - high signal quality;
- medium - average signal quality.
- low - low signal quality.

11: Noise level of the HA signal during the test. The noise level can have one of three values:

- high - high noise level in the signal;
- medium - the average noise level in the signal.
- low - small (insignificant) noise level in the signal.

12: The "Actions" button has a drop-down list of two links:

- open test - open test;
- open ECG - open the cardiogram of the test.

Statistics

Period: 10/13/2018 - 10/19/2018

Parameter: Select a parameter

Several parameters

No.	Date and time	Heart rate	Signal quality	Noise level	Actions
4	10/19/2018, 1:40 PM	75 bpm	High 100	Medium 15	Actions Open test Open ECG
3	10/19/2018, 12:06 PM	106 bpm	High 100	Medium 20	Actions Open test Open ECG
2	10/19/2018, 11:43 AM	106 bpm	High 100	Medium 20	Actions Open test Open ECG

### 16.5.7 Medical card of the patient (Doctor's account).

Medical card - modal window in which patient data is displayed (medical card). General view of the modal window:

**Michael Howard**  
Self patient

**Personal information**

- Full name: Michael Howard
- Age: 18
- Date of birth: 18.02.2000
- Gender: male

**Contacts**

- Phone: (370) 298 1213

**Medical information**

- Weight: 80 kg
- Height: 170 cm
- Race: asian
- Blood type: Unknown
- Rh factor: negative

**Bad habits**

- Smoking: yes
- Drugs: no

**Diabetes**

The patient's medical card displays the following data:

Personal information:

- name;
- age;
- date of birth;
- become.

Contacts:

- telephone.

Medical information:

- weight;

- height;
- race;

- blood type;
- rhesus factor.

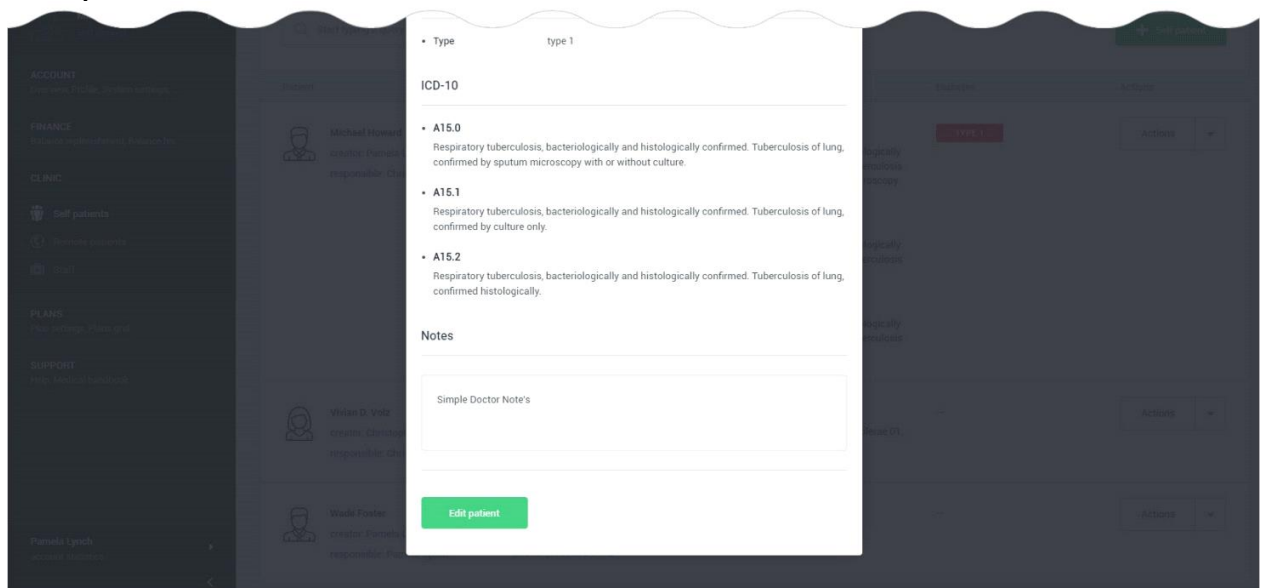
Bad Habits:

- smoking (whether the patient smokes or not);
  - drugs (whether or not he uses drugs or drugs containing drugs).
- diabetes

Diseases according to ICD-10

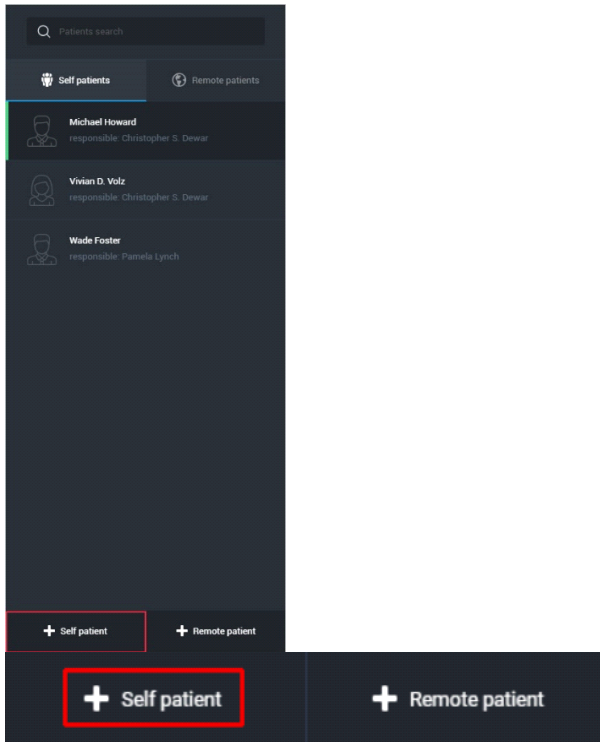
Doctor's notes.

To edit patient data (medical card), the user must press a button "Edit patient" at the bottom of the modal window.

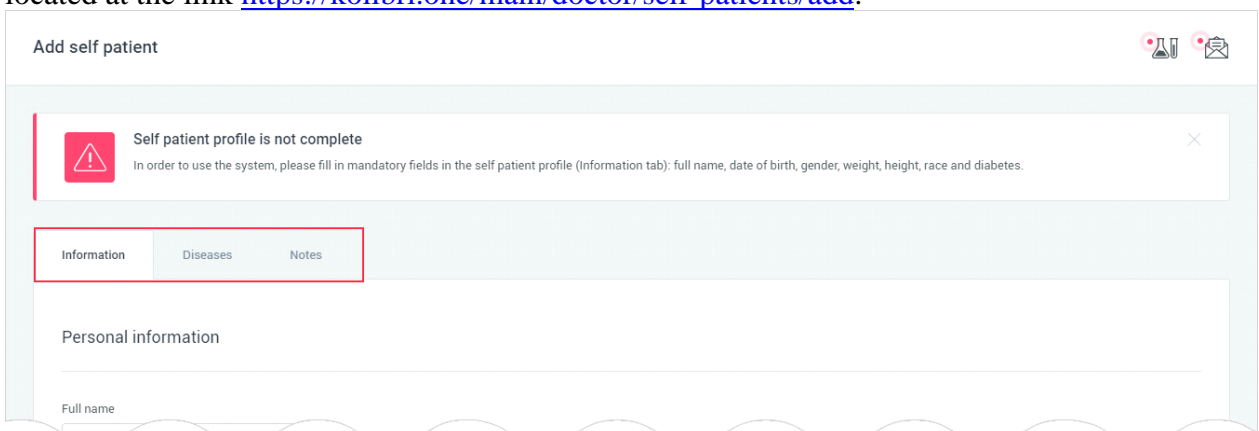


### 16.5.8 Creating a patient's medical card (Doctor's account).

To add a new patient and create his medical card, the user must click on the "Self patient" button. This button is available in the "Patients menu" and on the "Self patients" page:



The page for creating a patient's medical card is conditionally divided into three tabs and is located at the link <https://kolibri.one/main/doctor/self-patients/add>:



- information - patient data (medical card);
- diseases - the patient's disease;
- notes - notes about the patient;

The "Diseases" and "Notes" tabs are available to the user only in patient editing mode -

## SECTION 16.5.9.

### 16.5.8.1 Creating a patient's medical card – Information (Doctor's account).

#### 16.5.8.1.1 Creating a patient's medical card – Personal information (Doctor's account).

General view of the section «Personal information»:

Personal information

Full name  
Enter patient's full name 1

Date of birth  
MM/DD/YYYY 2

Sex  
 Male  Female 3

1: Full name of the patient. The field has a built-in data validation mechanism. Field requirements:

- the field cannot be empty;

- only letters and spaces are allowed (numbers are allowed in some regions).

2: Date of birth of the patient. The field has a built-in data validation mechanism. Field requirements:

- the date format must match the mask superimposed on the MM / DD / YYYY field;
- the field cannot be empty, the patient's age must be 18+ years.

When you click on the field, an additional calendar opens to select the date of birth. The date can be entered by the user both manually and using the calendar:

Date of birth  
MM/DD/YYYY

February 2000

Su	Mo	Tu	We	Th	Fr	Sa
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	1	2	3	4
5	6	7	8	9	10	11

Medical information

3: Gender of the patient. The field can have one of two values:

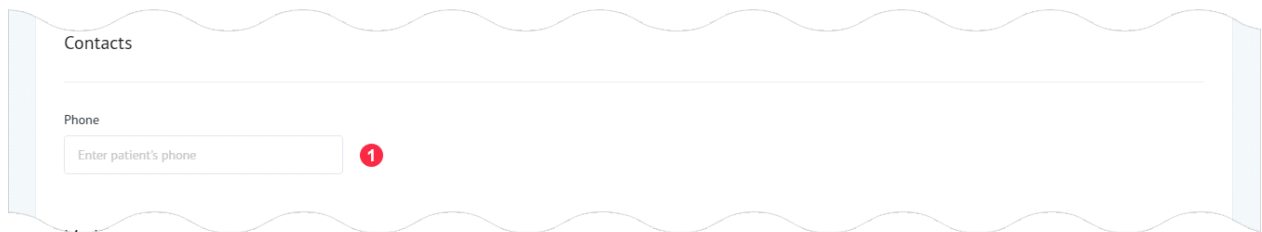
- Male;
- Female.

The field has a built-in data validation mechanism. Field requirements:

- The field cannot be empty.

#### 16.5.8.1.2 Creating a patient's medical card – Contacts (Doctor's account).

General view of the section «Contacts»:



The screenshot shows a form titled 'Contacts'. Below the title is a horizontal line. Underneath, there is a 'Phone' label followed by a text input field containing the placeholder text 'Enter patient's phone'. To the right of the input field is a red circle containing the number '1'.

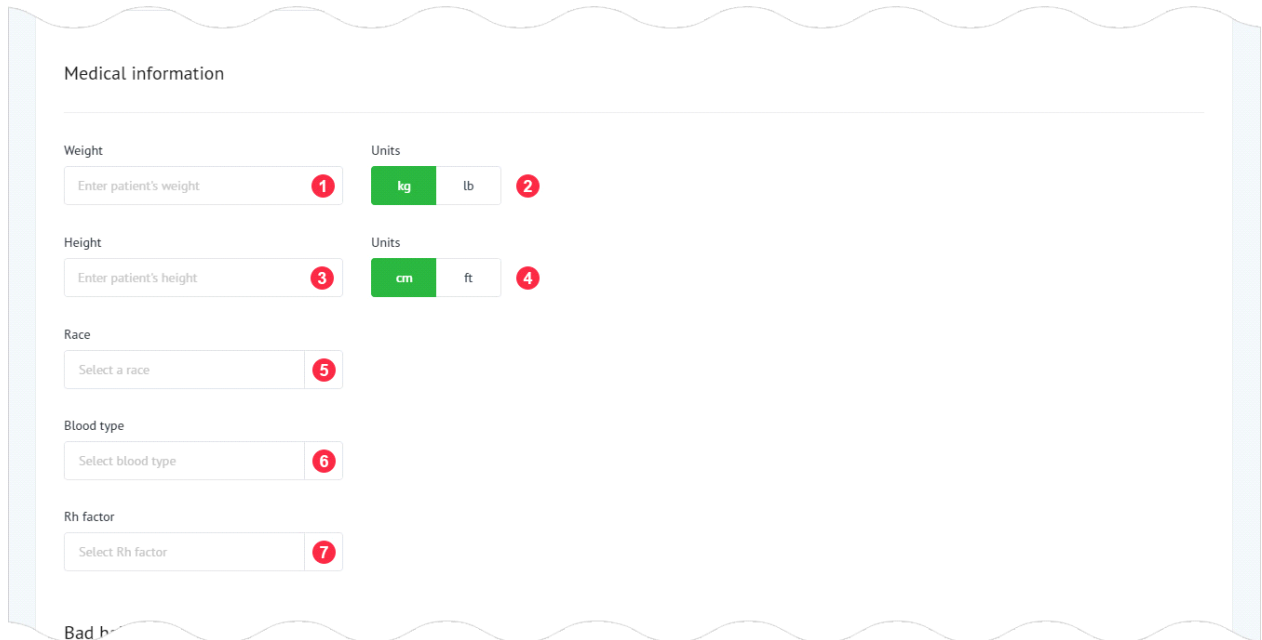
1: Patient's phone. Optional field. The field has a built-in data validation mechanism.

Field requirements:

- only numbers, parentheses, spaces and characters are allowed.

#### 16.5.8.1.3 Creating a patient's medical card – Medical information (Doctor's account).

General view of the section «Medical information»:



The screenshot shows a form titled 'Medical information'. Below the title is a horizontal line. The form contains several fields, each with a red circle containing a number: 'Weight' (1), 'Units' (2) with options 'kg' and 'lb', 'Height' (3), 'Units' (4) with options 'cm' and 'ft', 'Race' (5) with a dropdown 'Select a race', 'Blood type' (6) with a dropdown 'Select blood type', and 'Rh factor' (7) with a dropdown 'Select Rh factor'. At the bottom, there is a partially visible field labeled 'Bad h'.

1: Weight of the patient. The field has a built-in data validation mechanism. Field requirements:

- only numbers are allowed;
- «.» used as a delimiter for non-integer values.

2: Selection of units for weight - marker 1.

3: Patient height. The field has a built-in data validation mechanism. Field requirements:

- only numbers are allowed;



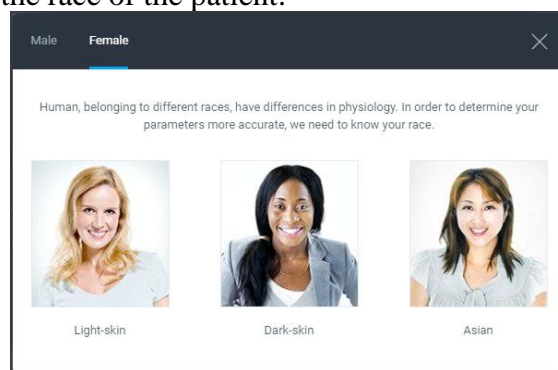
- «.» used as a delimiter for non-integer values.

Note: When entering the patient's weight and height, use the units of measurement carefully, as the software does not currently have an algorithm to check the correctness of entering the values of weight and height and units of measurement.

- 4: Select units for height - marker 3.
- 5: Race of the patient. Drop-down list:

- light-skin;
- dark-skin;
- asian.

If the user cannot decide on the patient's race, he must click on the link in the "How to identify race" drop-down list. The application will open a modal window where the user can use photos to determine the race of the patient:



- 6: Patient's blood type. A list that falls out of four blood types:

- O (I);
- A (II);
- B (III);
- AB (IV);
- Unknown.

Blood type

Unknown ▼

O(I)

A(II)

B(III)

AB(IV)

Unknown

- 7: Rhesus factor of the patient. A list that falls out of the two types of rhesus factor:

- Positive (+);
- Negative (-);

- Unknown.

Rh factor

A dropdown menu for 'Rh factor' is shown. The menu is open, displaying three options: 'Positive', 'Negative', and 'Unknown'. The 'Unknown' option is currently selected and highlighted with a blue background.

#### 16.5.8.1.4 Creating a patient's medical card – Bad habits (Doctor’s account).

General view of the section «Bad habits»:

The 'Bad habits' section contains two groups of radio buttons. The 'Smoking' group has 'Yes' and 'No' options, with 'No' selected and a red '1' next to it. The 'Drugs' group has 'Yes' and 'No' options, with 'No' selected and a red '2' next to it.

1: Smoking. The field can have one of two values:

- Yes; (patient smokes)
- No (the patient does not smoke).

2: Drugs. The field can have one of 2 values:

- Yes (the patient is using drugs or narcotics);
- No (the patient does not use drugs or narcotics);

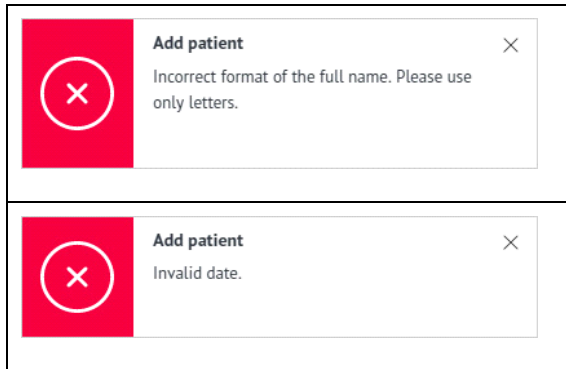
#### 16.5.8.2 Creating a patient's medical card – Create patient (Doctor’s account).

To create a patient card, the user must click a button «Add patient»:

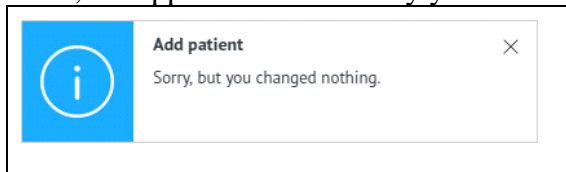
A green button with the text 'Add patient' is shown, highlighted with a red border.

If the data entered by the user contains errors, the application informs him about it:

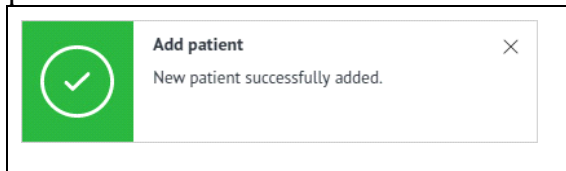
An error message dialog box is shown. It has a red background with a white 'X' icon. The text inside the dialog box reads: 'Add patient' and 'Full name, date of birth and gender are required.'



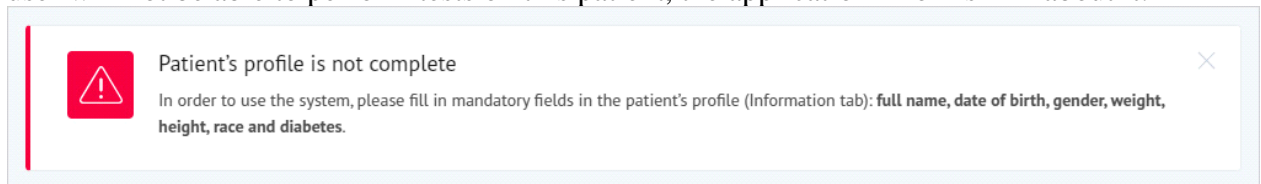
If the user has not filled in (or changed) the patient's data and clicked the "Add patient" button, the application will notify you:



If all the data is entered correctly, a new patient is created. The application will notify you and redirect you to the patient's edit page, where additional tabs "Diseases" and "Notes" will open:



If the mandatory medical data about the patient (medical card) is not filled in completely, the user will not be able to perform tests on this patient, the application informs him about it:



Mandatory medical and personal data:

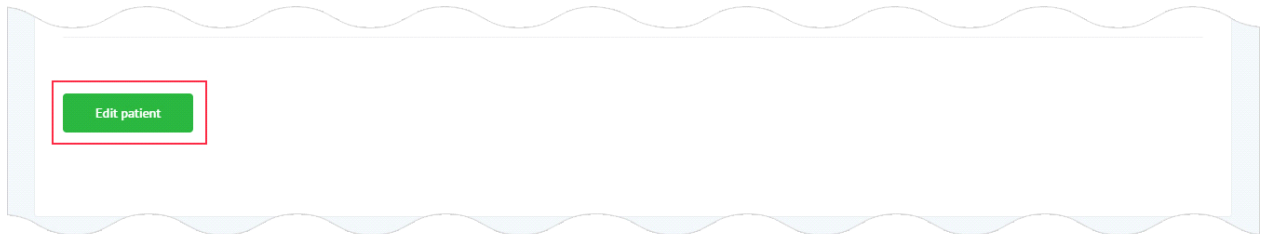
- Full name; (The name can be any and does not always correspond to the real one)
- Date of birth;
- Gender;
- Weight;
- Height;
- Diabetes (It is desirable that this field in the presence of a verified disease must be filled).

## 16.5.9 Editing of patient's medical ID – Edit self patient (Doctor's account).

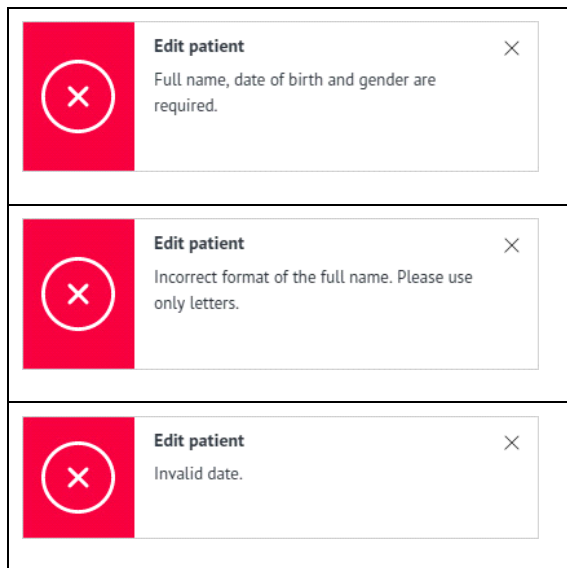
### 16.5.9.1 Editing of patient's medical ID – Information (Doctor's account).

The rules for editing a patient's personal or medical data do not differ from the mechanism for creating a new patient's medical record, which is described in **SECTION 16.5.8**. The page for editing patient data is located at: <https://kolibri.one/main/doctor/self-patients/edit>.

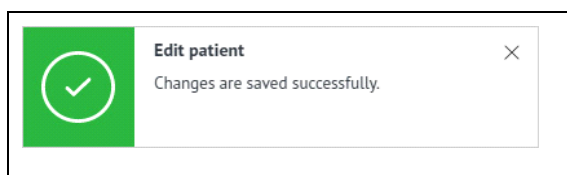
To edit patient data, the user must click on the "Edit patient" button:



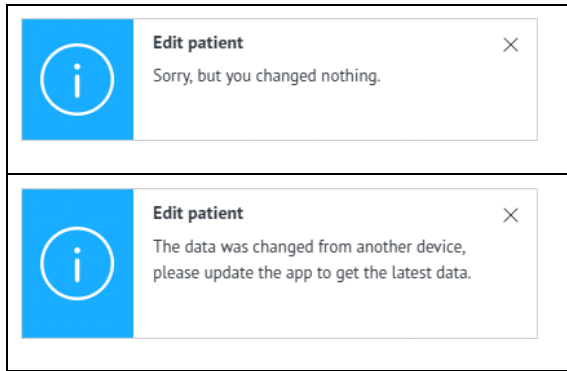
If the data modified by the user contains errors, the application informs him about it:



If all data is entered correctly, the patient data (medical card) is updated. The application will notify you of this:

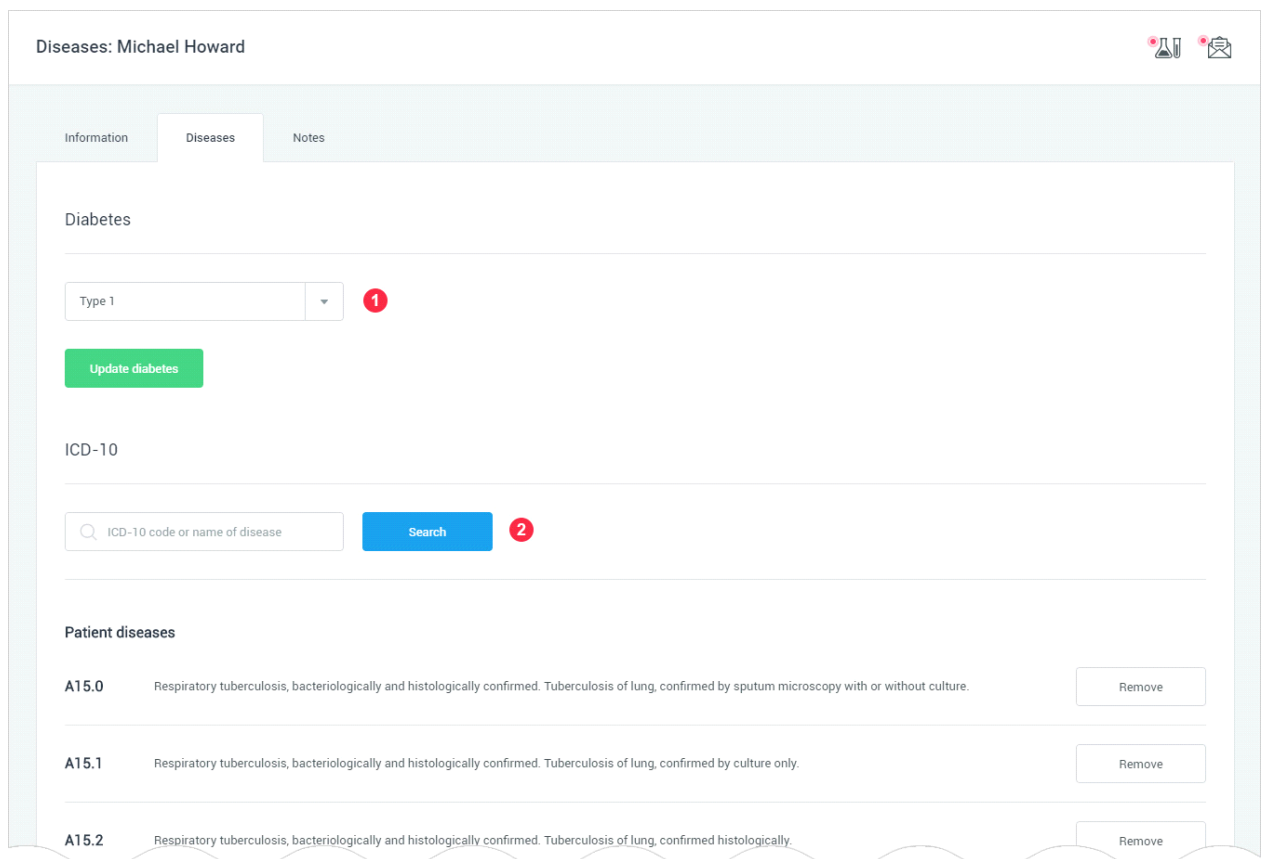


If the patient's data has been changed from another device or the user has not changed anything, the application will notify you:



### 16.5.9.2 Editing of patient’s medical ID – Diseases (Doctor’s account).

The "Diseases" tab is used to indicate the patient's disease according to ICD-10. HSP KOLIBRI singles out such a disease as diabetes, as the presence or absence of this disease is taken into account when calculating the test parameters. General view of the “Diseases” tab:



1: The presence of diabetes in a patient. A drop-down list with three answer options when the patient does not have diabetes (default value):

- the patient does not have diabetes;
- diabetes type 1;
- diabetes type 2.

Diabetes

Patient doesn't have diabetes

Patient doesn't have diabetes

Type 1

Type 2

To change the "Diabetes" parameter, the user selects one of the options from the list and clicks the "Update diabetes status" button.

Diabetes

Type 2

Update diabetes status

2: Field for searching for diseases by ICD-10, which the patient has in addition to diabetes. After entering the name of the disease or its code, the user clicks "Search" - marker 2. HSP KOLIBRI will search the database ICD-10:

Diseases: Michael Howard

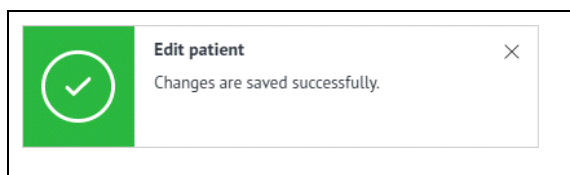
diabetes

Search

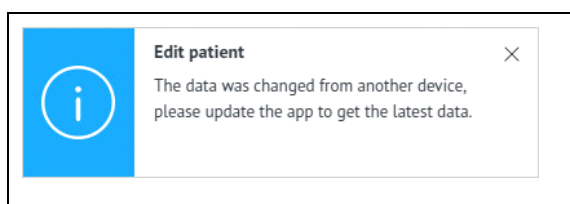
Showing results for: diabetes

E10.0	Type 1 diabetes mellitus. With coma.	Add
E10.1	Type 1 diabetes mellitus. With ketoacidosis.	Add
E10.2	Type 1 diabetes mellitus. With renal complications.	Add
E10.3	Type 1 diabetes mellitus. With ophthalmic complications.	Add
E10.4	Type 1 diabetes mellitus. With neurological complications.	Add
E10.5	Type 1 diabetes mellitus. With peripheral circulatory complications.	Add
E10.6	Type 1 diabetes mellitus. With other specified complications.	Add
E10.7	Type 1 diabetes mellitus. With multiple complications.	Add

To add a disease (pathology), the user clicks the "Add" button. If the disease is not listed, the application will notify you of the success of the operation to add the disease:



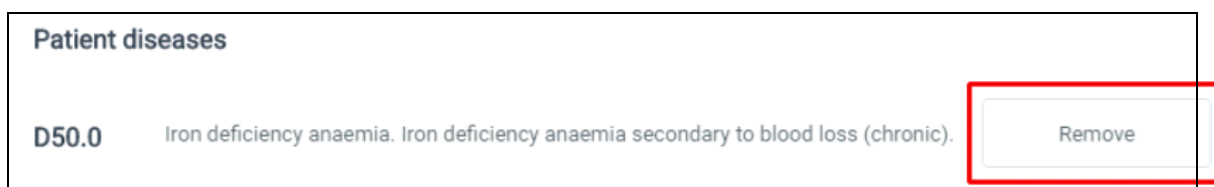
If the list of pathologies present in the patient has been changed using another device, the application will notify you:



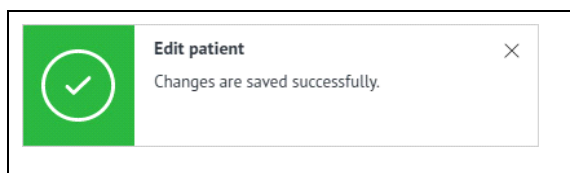
If the selected pathology is already present in the patient's list of diseases, the application will notify you:



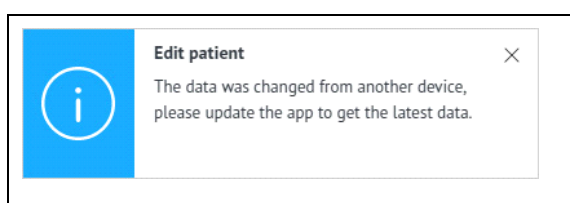
In order to remove a disease from the patient's list of diseases, the user must click on the "Remove" button:



If the operation is successful, the application will notify you:

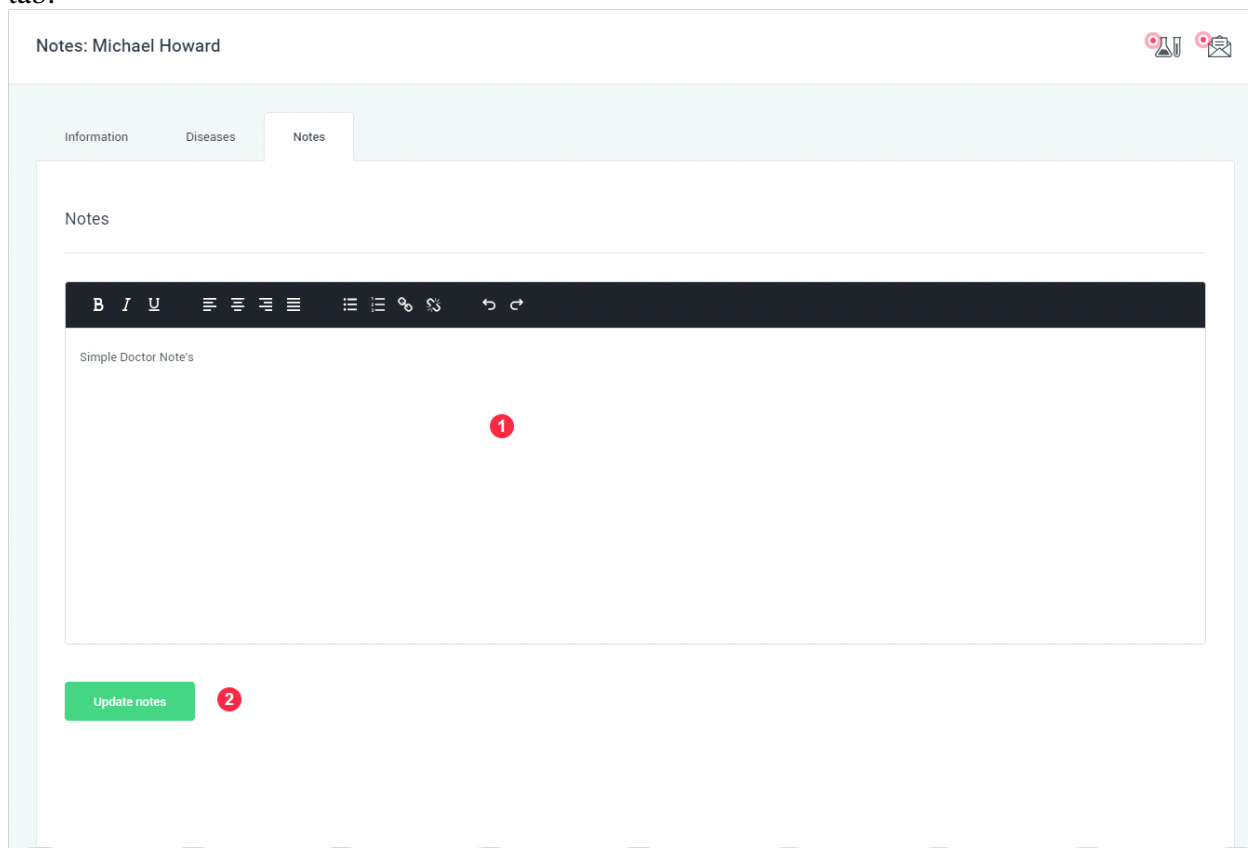


If the list of pathologies present in the patient has been changed using another device, the application will notify you:



### 16.5.9.3 Editing of patient’s medical ID – Notes (Doctor’s account).

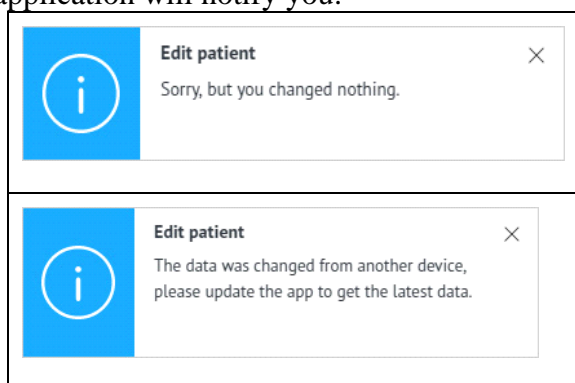
The “Notes” tab is used by the user to write patient-related notes. A regular text editor with the ability to copy and paste information is used to write notes. General view of the “Notes” tab:



1: Workspace for writing notes.

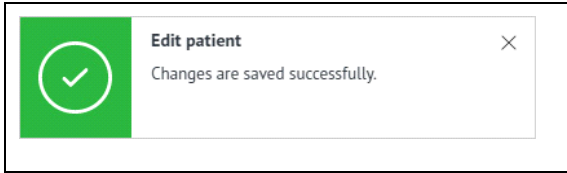
In order to save the notes, the user clicks on the "Update notes" button - marker 2.

If the note has been changed from another device or the user has not changed anything, the application will notify you:



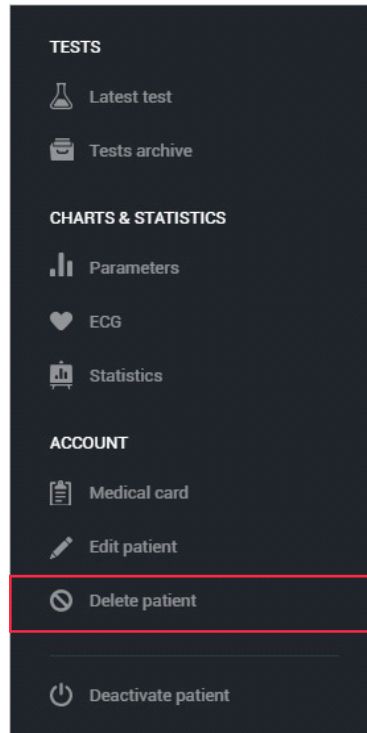
If all data is entered correctly, the note is updated. The application will notify you of this:





#### 16.5.10 Removal of patient's medical ID – Delete patient (Doctor's account).

To delete a patient, the user must click on the "Delete patient" link. This link is available in the "Patient menu" (main navigation menu) and on the page "Self patients":



Self patients

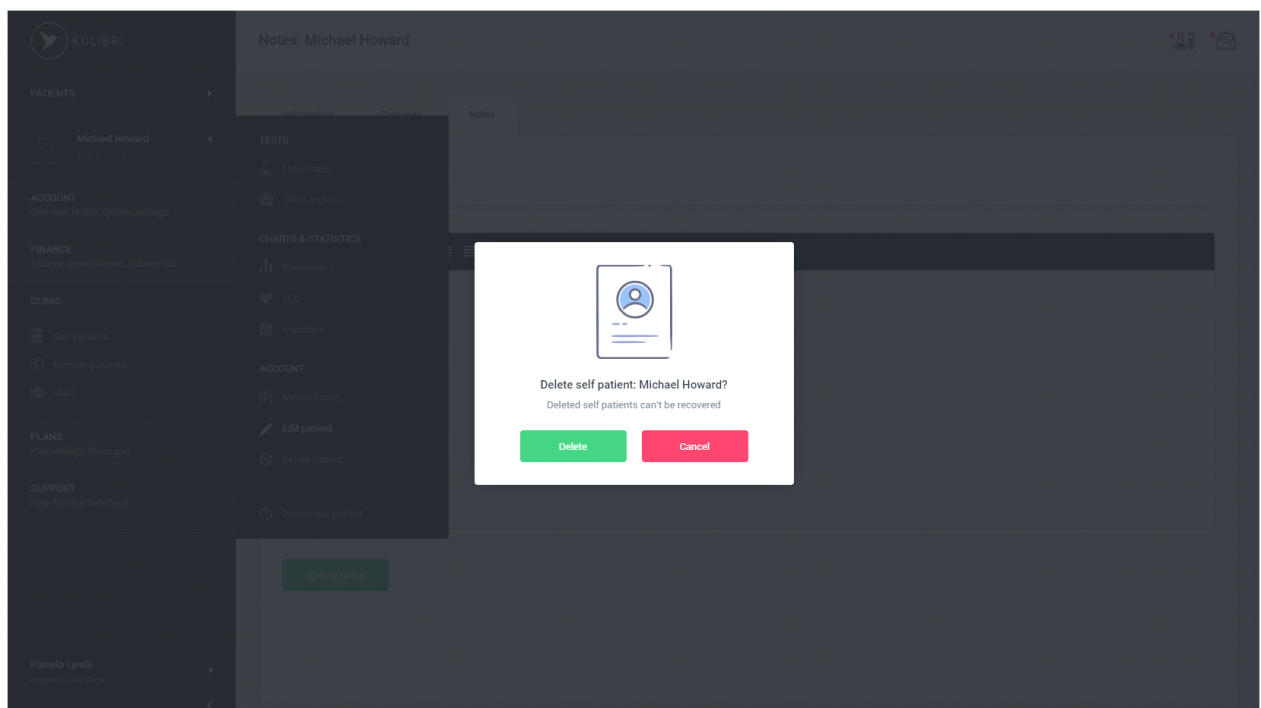
Search

Start typing a query

+ Self patient

Patient	Patient data	ICD-10	Diabetes	Actions
<p><b>Michael Howard</b> creator: Pamela Lynch responsible: Christopher S. Dewar</p>	<p>gender: male age: 18 phone: (370) 298 1213</p>	<ul style="list-style-type: none"> <li><b>A15.0</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by sputum microscopy with or without culture.</li> <li><b>A15.1</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed by culture only.</li> <li><b>A15.2</b> Respiratory tuberculosis, bacteriologically and histologically confirmed. Tuberculosis of lung, confirmed histologically.</li> </ul>	<p><b>TYPE 1</b></p>	<p>Actions</p> <ul style="list-style-type: none"> <li>Latest test</li> <li>Tests archive</li> <li>Parameters</li> <li>ECG</li> <li>Statistics</li> <li>Medical card</li> <li>Edit patient</li> <li>Delete</li> </ul>
<p><b>Vivian D. Volz</b> creator: Christopher S. Dewar responsible: Christopher S. Dewar</p>	<p>gender: female age: 52 phone: (370) 999 5678</p>	<ul style="list-style-type: none"> <li><b>A00.0</b> Cholera. Cholera due to <i>Vibrio cholerae</i> 01, biovar cholerae.</li> </ul>	<p>—</p>	<p>Actions</p>
<p><b>Wade Foster</b> creator: Pamela Lynch responsible: Pamela Lynch</p>	<p>gender: male age: 87 phone: (370) 298 3452</p>	<p>—</p>	<p>—</p>	<p>Actions</p>

The application opens a modal window to confirm the decision to remove the patient's medical card:

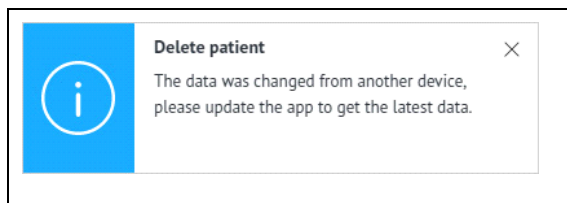


To confirm the delete operation, the user must click on the "Delete" button. If the user wants to cancel the operation, he must click on the "Cancel" button or click outside the modal window.

If the patient's removal is successful, the application will notify you:



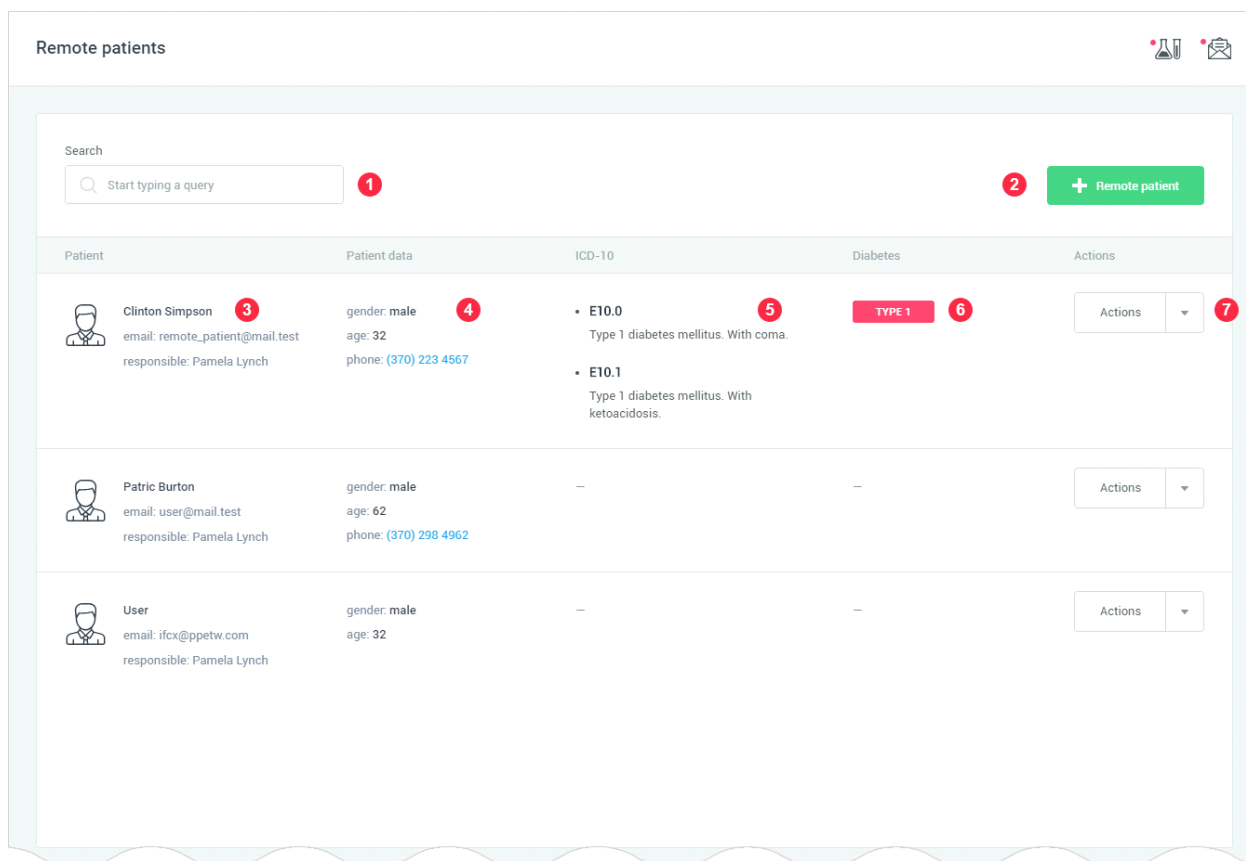
If the patient's medical card has already been removed from another device, the application will notify you:



## 16.6 Remote patients (Doctor's account).

### 16.6.1 Remote patients list (Doctor's account).

Remote patients list - an application page that has a list all of the user's remote patients. The page is located at: <https://kolibri.one/main/doctor/remote-patients/list>. There is no pagination.



1: Quick search box by patient list. The search can be performed in any field in the list.

2: Button to add a new patient.

3: Patient's name and email, name of the healthcare professional responsible for the patient.

4: Gender of the patient, age of the patient, telephone number of the patient.

5: The patient's disease according to ICD-10. This section is filled in by the user independently for each patient separately. The patient's list of diseases can be changed through patient editing.

6: The presence of diabetes in a patient and its type:

- diabetes type 1;
- diabetes type 2.
- Empty line - the patient does not have diabetes.

7: “Actions” button. At the click of a button, the user is given a choice of eight options:












- last patient test performed;
- patient test archive;
- plotting on test parameters;
- ECG;
- statistics by parameters;
- medical card of the patient;

- edit the patient;
- removal of the patient.

Remote patients

Search  
Start typing a query

+ Remote patient

Patient	Patient data	ICD-10	Diabetes	Actions
 <b>Clinton Simpson</b> email: remote_patient@mail.test responsible: Pamela Lynch	gender: male age: 32 phone: (370) 223 4567	<ul style="list-style-type: none"> <li>• E10.0 Type 1 diabetes mellitus. With coma.</li> <li>• E10.1 Type 1 diabetes mellitus. With ketoacidosis.</li> </ul>	<span style="background-color: #e91e63; color: white; padding: 2px 5px;">TYPE 1</span>	<div style="border: 1px solid #ccc; padding: 5px;">           Actions           <ul style="list-style-type: none"> <li> Latest test</li> <li> Tests archive</li> <li> Parameters</li> <li> ECG</li> <li> Statistics</li> <li> Medical card</li> <li> Edit patient</li> <li> Delete</li> </ul> </div>
 <b>Patric Burton</b> email: user@mail.test responsible: Pamela Lynch	gender: male age: 62 phone: (370) 298 4962	–	–	
 <b>User</b> email: ifcx@ppetw.com responsible: Pamela Lynch	gender: male age: 32	–	–	

All options that are available after clicking on the "Actions" button are also available from the "Patient menu" in the main menu of the program - **SECTION 16.3 (16.3.1)**.

### 16.6.2 Latest test (Doctor's account).

Described in detail in **section 5.1** of this manual.

For remote patients, the user can set the status, for this he must click on the "Add status" button in a special notification for the test:

Test #249

KOLIBRI is the screening system. Interpretation of the results and diagnosing must be made by a physician/professional only. Results of the test are not considered as a decisive for making a diagnosis.

**Test status**

This is a test of your remote patient. In order to inform the patient, it is necessary to set the status of the test. After setting the status, the test will be marked as viewed.

Add status

Test #249

Date: 10/22/2018 Time: 3:40 PM Executor: Patric Burton

Signal quality: High 100 Noise level: Low 7

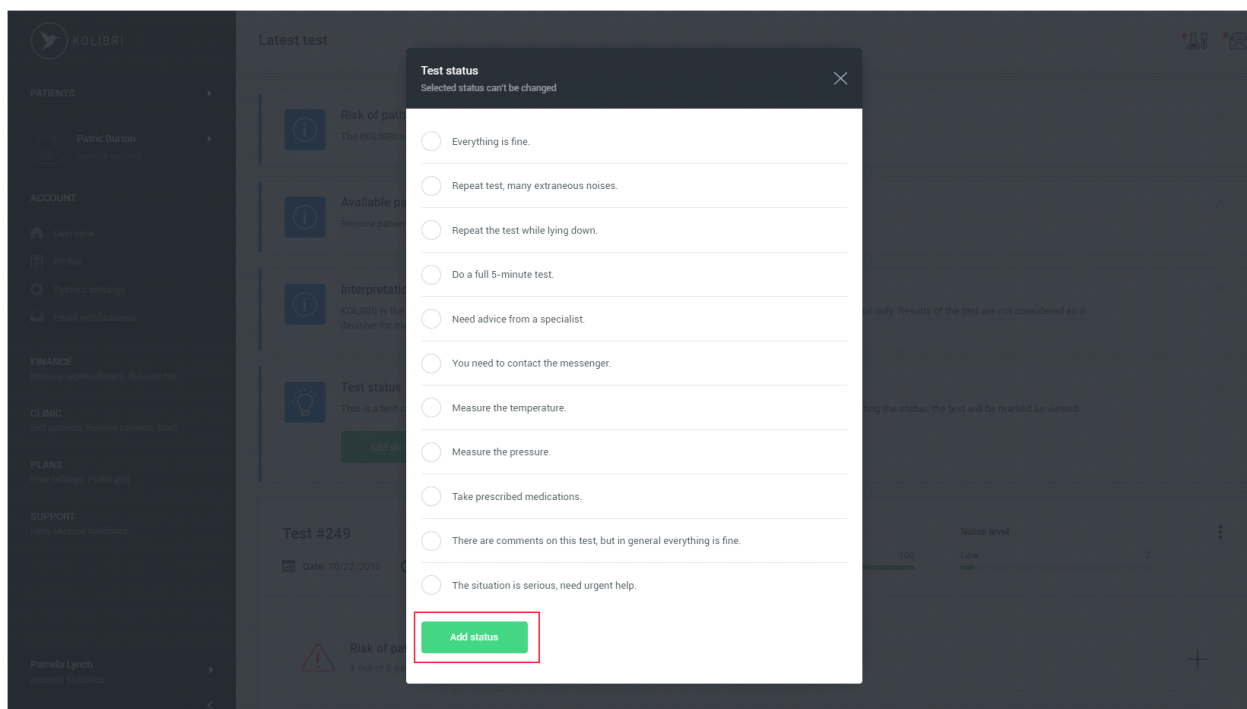
**Risk of pathologies**  
1 out of 6 pathologies are shown

**ECG findings**  
7 ECG findings were found

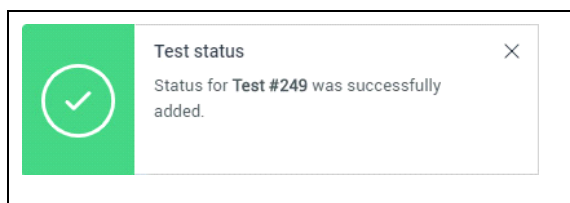
General parameters

Parameter	Result	Normal ranges	Reliability, %
98 / 100			

The application will open a modal window to select the test status:



After the user selects the status from the list of suggestions to save it, he clicks on the "Add status" button. The application notifies the user of the status set by the test:



In the remote patient's account, the sent message about the status of the test sent to the user (doctor) will be displayed immediately.

The list of messages that the user can send to a remote patient can be changed by the moderator of the HSP KOLIBRI.

#### 16.6.3 Test archive (Doctor's account).

Described in detail in [section 5.2](#) of this manual.

#### 16.6.4 Parameters (Doctor's account).

Described in detail in [section 6.1](#) of this manual.

#### 16.6.5 ECG (Doctor's account).

Described in detail in [section 6.2](#) of this manual.

#### 16.6.6 Statistics (Doctor's account).

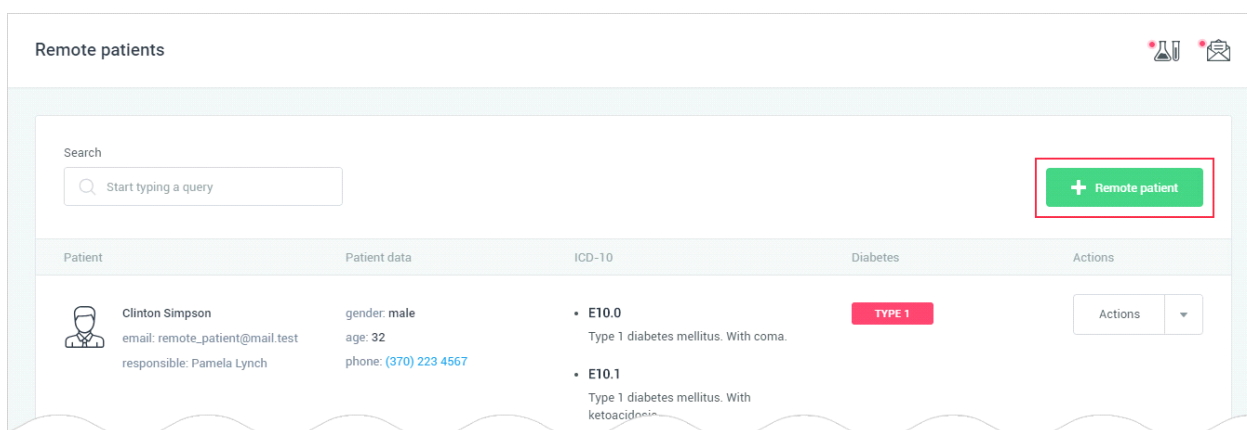
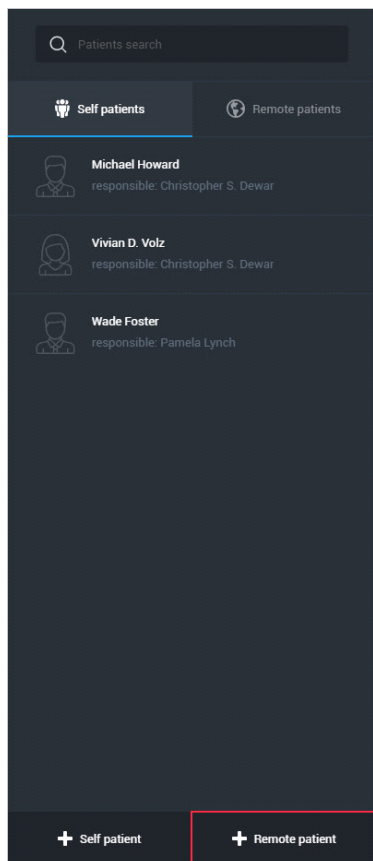
Described in detail in [section 16.5.6](#) of this manual.

#### 16.6.7 Medical card (Doctor's account).

Described in detail in [section 16.5.7](#) of this manual.

### 16.6.8 Add remote patient (Doctor's account).

To add a new remote patient, the user must click on the "+ Remote patient" button. This button is available in the "Patients menu" and on the "Remote patients" page:



After clicking the button, the application will open a modal window for entering the email of the remote patient to whom the user wants to access remotely.

The form for sending a request for remote access to patient data consists of one field, which is mandatory:

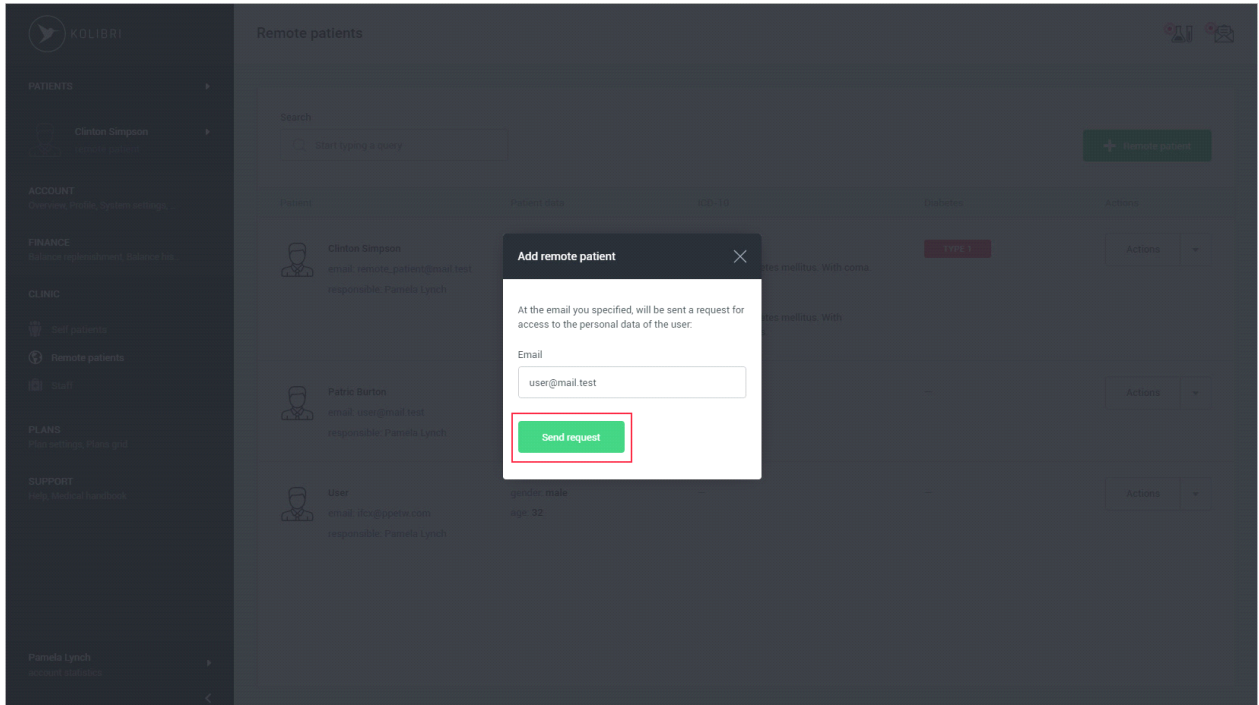
- email.

The email field has a built-in data validation mechanism.

Requirements for the field to send the test to the specified email:

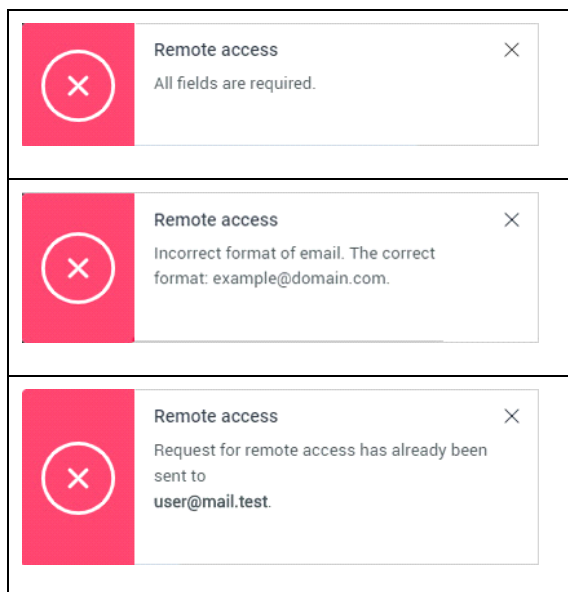
Email:

- the field cannot be empty;
- only email is allowed (W3C Email Regex standart verification).

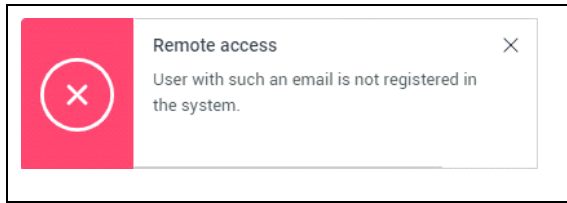


After completing the form to send a request for remote access to patient data, the user clicks "Send request".

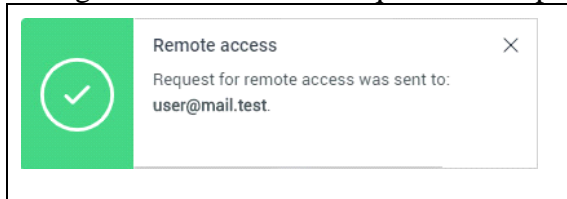
If the data entered by the user contains errors, the application informs him about it:



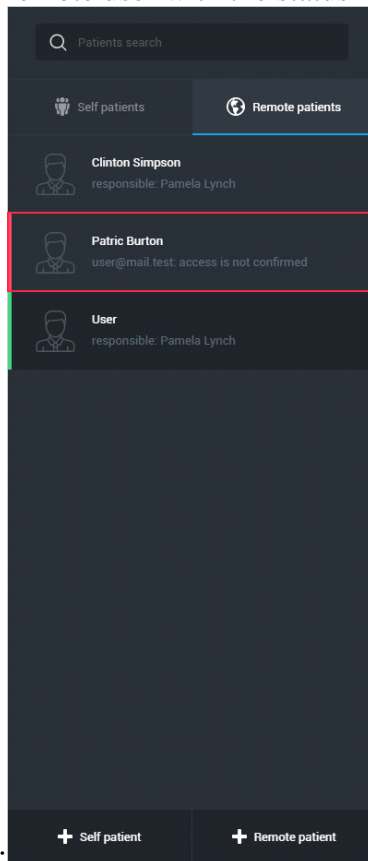




If the form fields are filled in correctly, the application will notify you about the successful sending of a remote access request to the specified email:

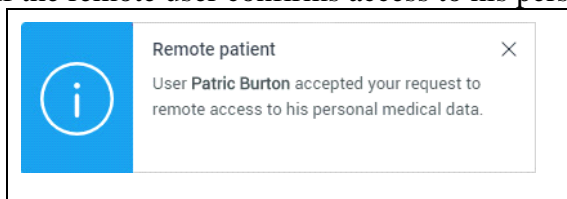


A new remote user with the status "access is not confirmed" will be added to the "Patients

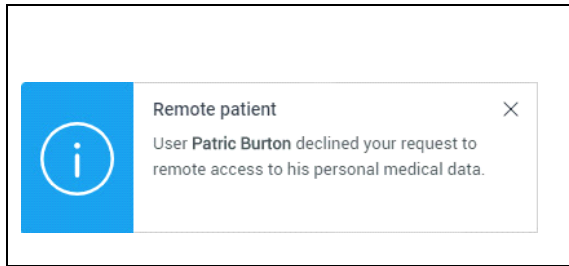


menu":

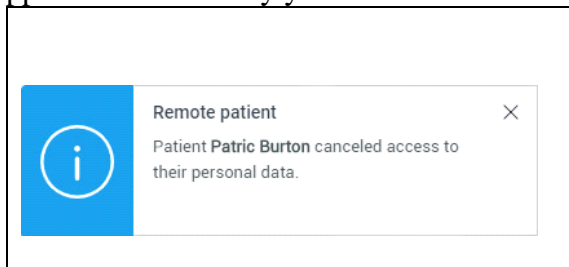
If the remote user confirms access to his personal medical data, the application will notify:



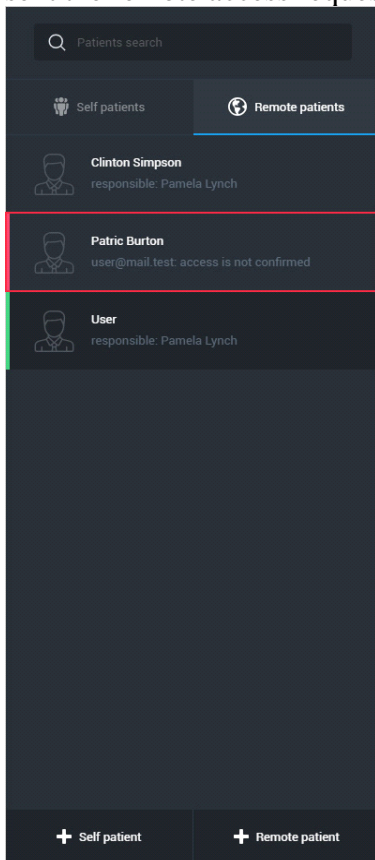
If a remote user refuses to provide access to his personal and medical data, the application will notify:



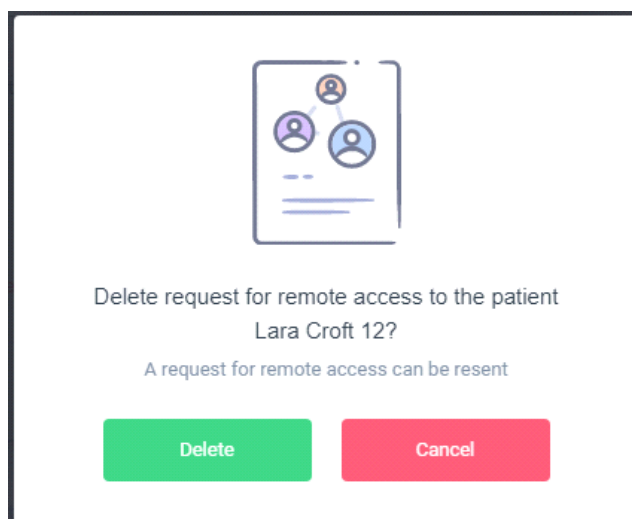
If a remote user independently cancels access to his personal and medical data, the application will notify you:



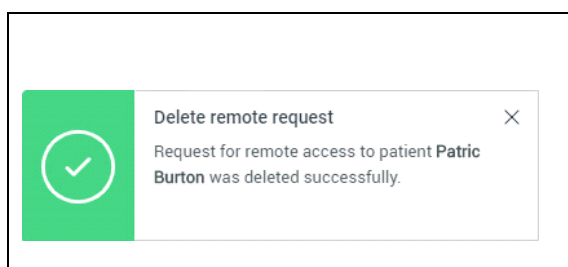
To delete a remote access request, the user must click on the remote patient to whom he has sent the remote access request in the "Patients menu":



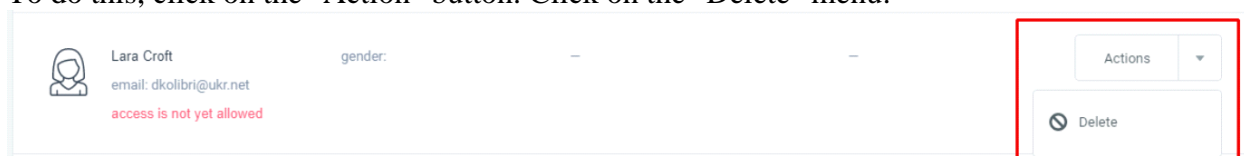
The application will open a modal window to confirm the user's action to delete the remote access request:



To confirm the operation, the user must click "Delete". If the operation to delete the remote access request was successful, the application will notify you:



Deleting a remote access request can be done through the list of "Remote patients". To do this, click on the "Action" button. Click on the "Delete" menu:



#### 16.6.9 Edit remote patient (Doctor's account).

The page for editing remote patient data is located at: <https://kolibri.one/main/doctor/remote-patients/edit>. Editing personal information of a remote patient is prohibited.

Editing the medical card of a remote patient is performed according to the rules of sections

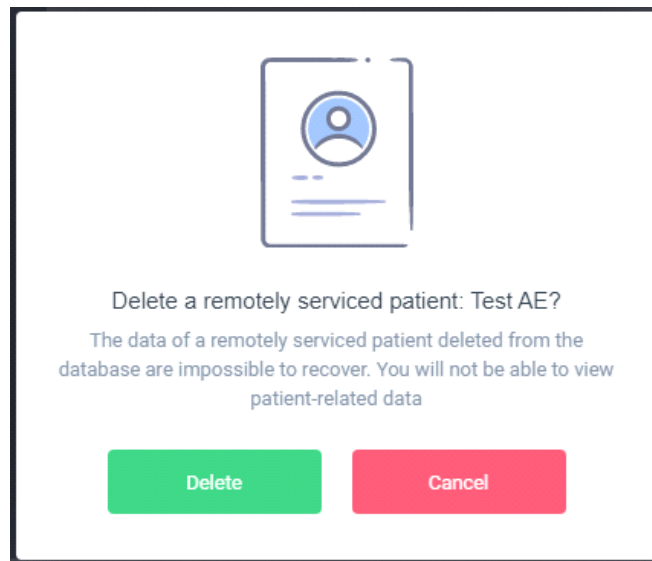
**16.5.9.2 Editing a patient's medical ID** - Diseases (Doctor's account) and

**16.5.9.3 Editing a patient's medical ID** - Notes (Doctor's account) of this instruction.

#### 16.6.10 Delete patient (Doctor's account).

Deleting a remote patient's account is performed according to the rules of section **16.5.10 Removal a patient's medical ID** - Delete patient (Doctor's account) of this instruction.

When you try to delete a remote patient account, the application opens a modal window to confirm the decision to delete the remote patient:

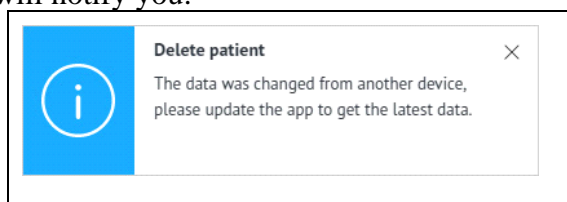


To confirm the removal operation, the user must click on the "Delete" button. If the user wants to cancel the operation, he must click on the "Cancel" button or click outside the modal window.

If the patient's removal is successful, the application will notify you:



If the remote patient account has already been deleted from another device, the application will notify you:



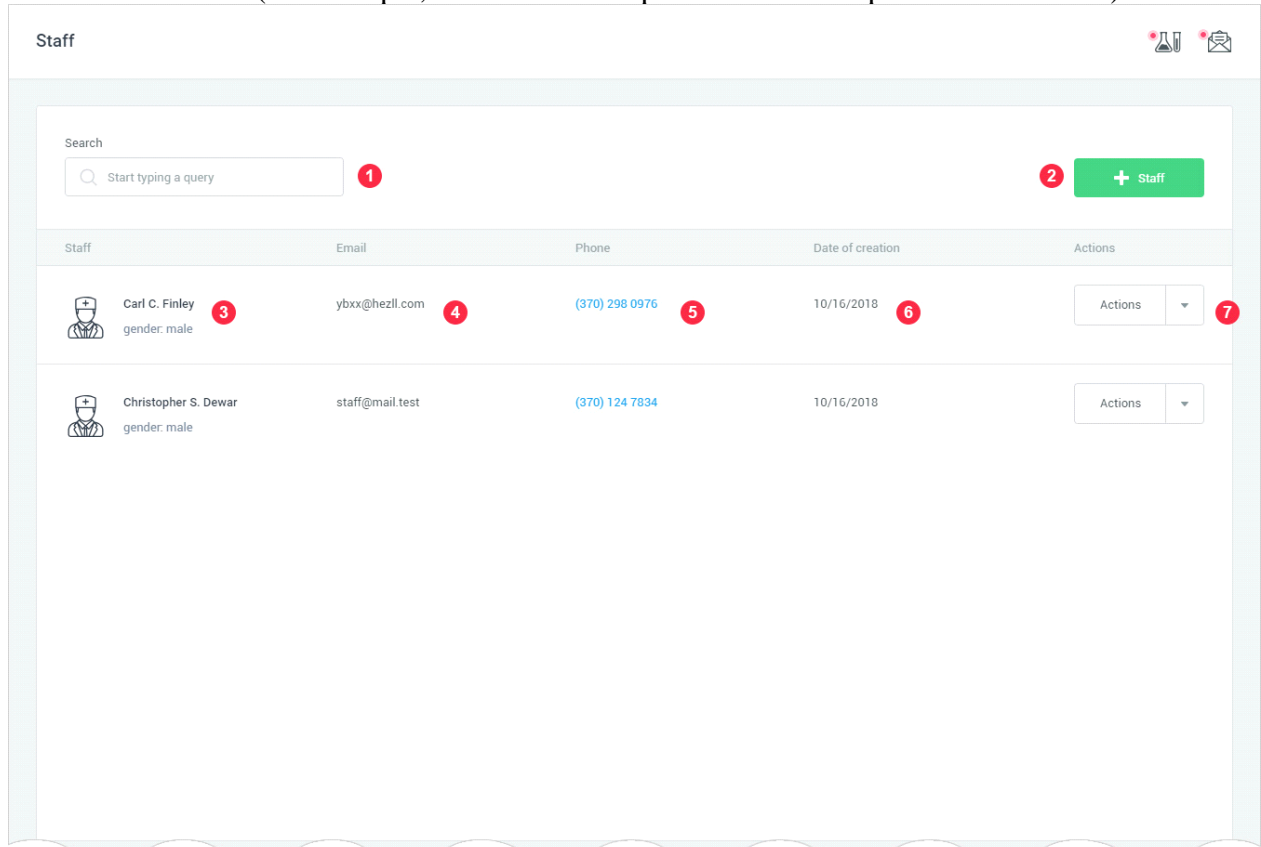
## 16.7 Staff (Doctor's account).

### 16.7.1 Перелік медичного персоналу –Staff list (Doctor's account).

Staff is an application page that contains a list of the user's medical staff. The page is located at: <https://kolibri.one/main/doctor/staff/list>. There is no pagination

The role of medical staff can be performed by a doctor and (or) junior medical staff who are allowed to conduct medical testing of patients, including outside the doctor's office or

medical institution (for example, on a visit to the patient's home or patient care on call).



1: Quick search box for a list of medical staff. The search is performed on all fields that are available in the list of medical staff.

2: Button to add a new medical staff account.

3: Name and gender of the staff.

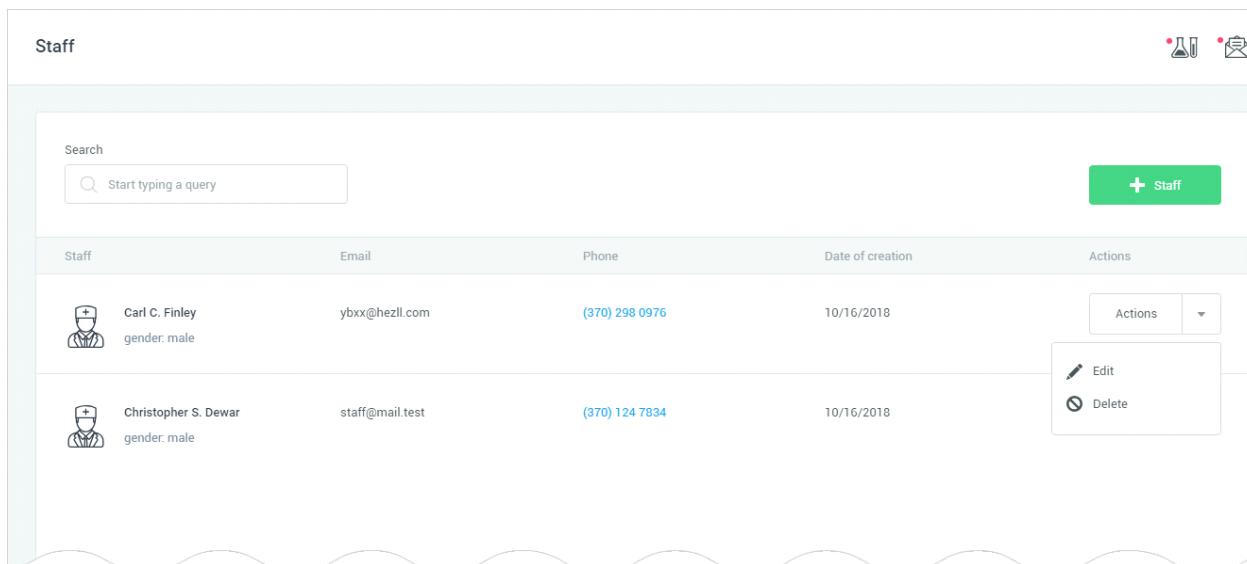
4: Staff Email.

5: Phone of the staff.

6: Date of creation of the staff account.

7: Actions button. At the click of a button, the user is given a choice of two options:

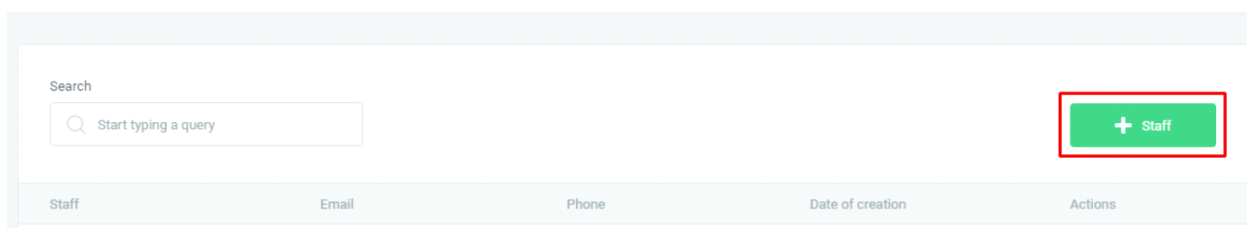
- edit staff;
- remove staff.



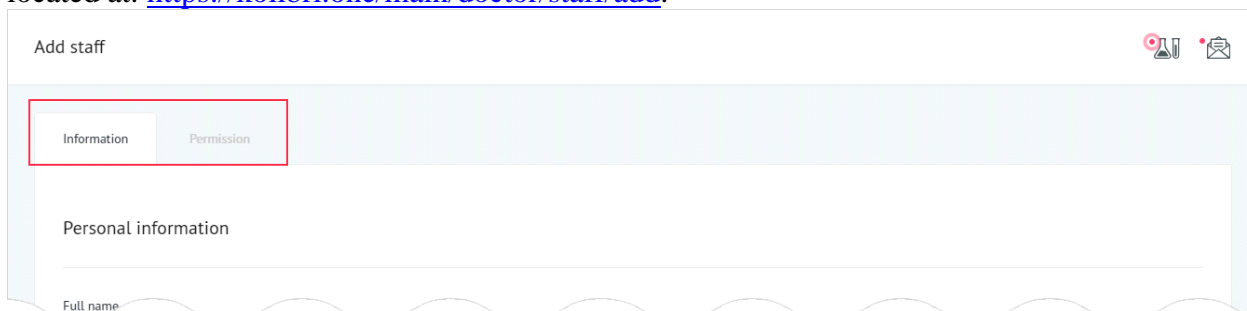
### 16.7.2 Add staff (Doctor's account).

To add a medical staff (employee) account, the user must click on the "Staff" button on the "Staff" page:

Staff



The page for creating a medical staff account is conditionally divided into two tabs and is located at: <https://kolibri.one/main/doctor/staff/add>.



- information - staff data;
- permission - the staff's access rights to patient accounts.

The "Permission" tab is available to the user only in the staff editing mode.

### 16.7.3 Personal information about the staff (Doctor's account).

General view of the section «Personal information»:

Personal information

Full name

Enter staff full name

Gender

Male  Female

1: Full name of the staff. The field has a built-in data validation mechanism. Field requirements:

- the field cannot be empty;
- only letters and spaces can be entered;

2: Gender of the staff. The field can have one of two values:

- male;
- female.

The field has a built-in data validation mechanism. Field requirements:

- The field cannot be empty.

General view of the section «Contacts»:

Contacts

Email

Enter nurse email

Phone

Enter nurse phone

1: Email of the staff. The user-specified email will receive a letter requesting authorization for the staff. The field has a built-in data validation mechanism. Field requirements:

- the field cannot be empty;
- only email can be entered (W3C Email Regex standard check).

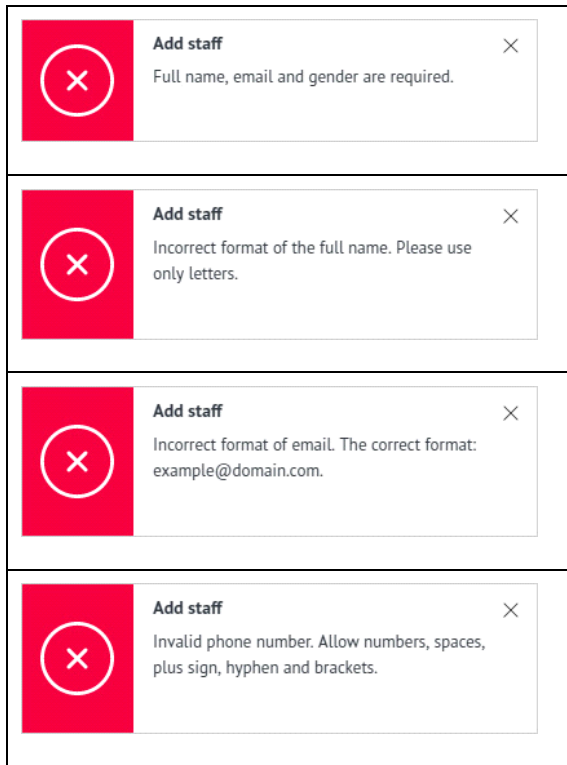
2: Phone number of the staff. The field has a built-in data validation mechanism. Field requirements:

- only numbers, parentheses, spaces and characters are allowed.

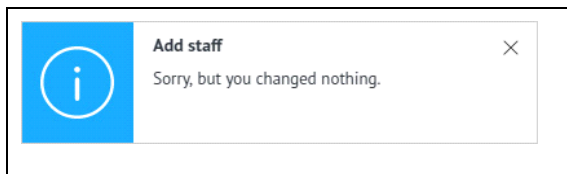
To record personal data of medical staff in the HSP KOLIBRI database, it is necessary to record by clicking on the button «Add staff»:

Add staff

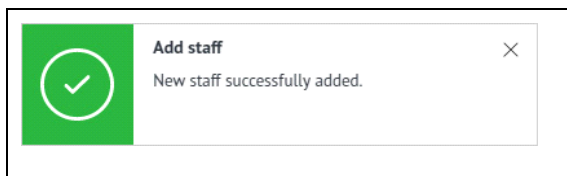
If the data entered by the user contains errors, the application informs him about it:



If the user has not filled in the staff profile and clicked the "Add staff" button, the application will notify you:

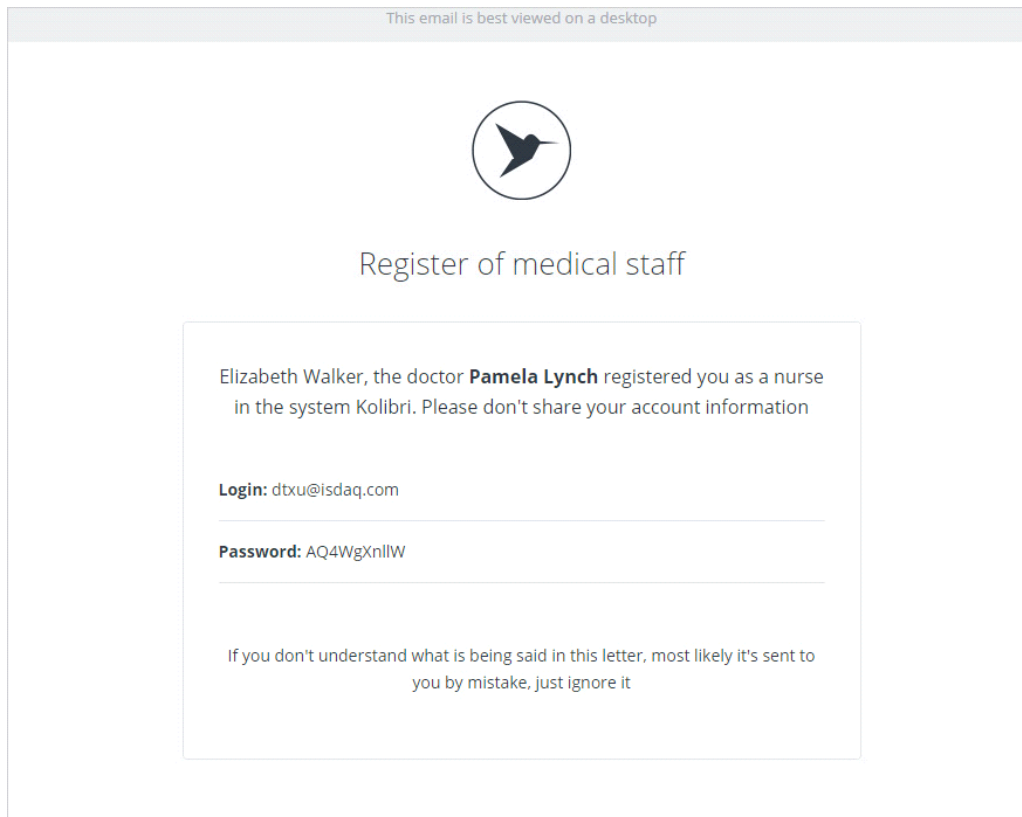


If all the data is entered correctly, a new medical staff account is created. The application will notify you of this and redirect you to the staff account editing page, which opens an additional tab "Permission" ([16.7.5 Access to patient accounts \(Doctor's account\)](#)).



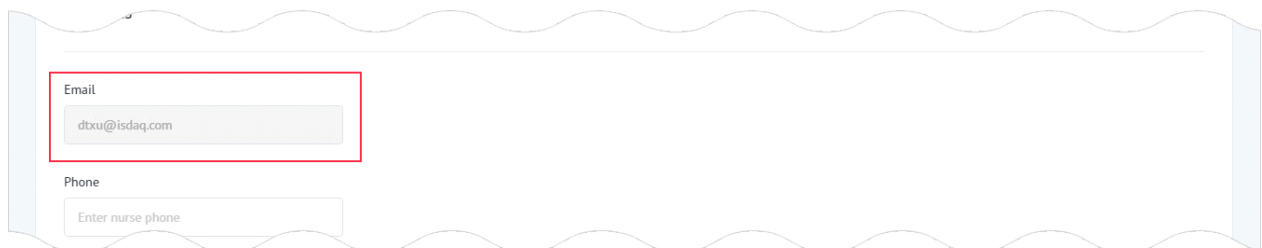
The specified email of the medical staff, when creating his account, will receive authorized data to log in to the HSP KOLIBRI, namely the password and login:





The specified password and email can be changed to any other by the staff, in his profile (17.2 Profile (Staff account))

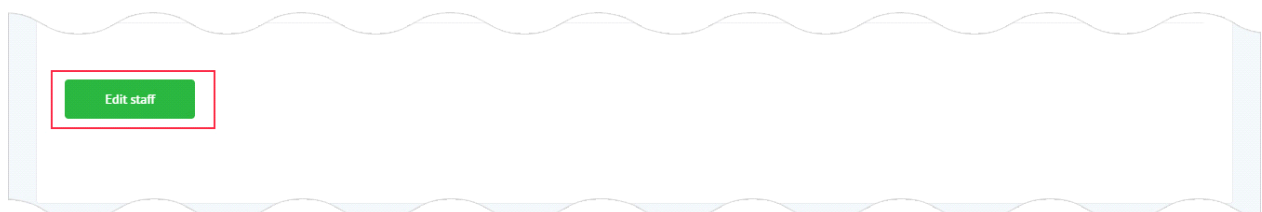
After creating a new medical staff account, the email field will be blocked for editing, in order to ensure the security of the staff's profile:



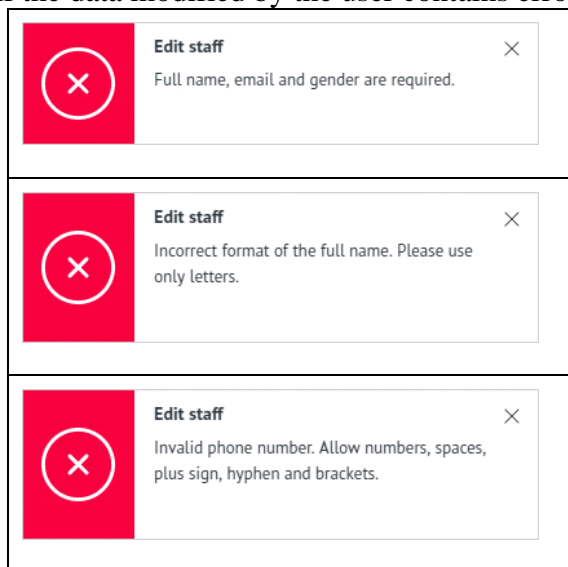
#### 16.7.4 Edit staff (Doctor's account).

The mechanism for editing medical staff data is no different from the mechanism for creating a new staff account, which is described in SECTION 16.7.3 Personal information about the staff (Doctor's account). The page for editing staff data is located at: <https://kolibri.one/main/doctor/staff/edit>.

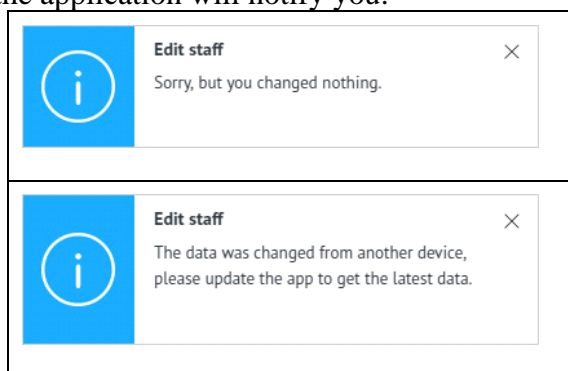
The user must click on the "Edit staff" button to finish editing staff data:



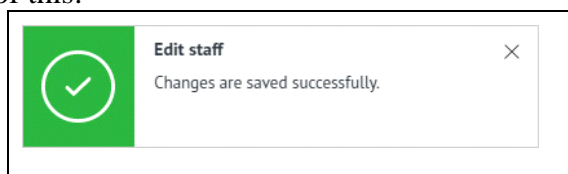
If the data modified by the user contains errors, the application informs him about it:



If the staff's data has been changed by another device or the user has not changed anything, the application will notify you:



If all data is entered correctly, the employee data is updated. The application will notify you of this:



#### 16.7.5 Access to patient accounts (Doctor's account).

The "Permission" tab is used to assign patients to a specific healthcare professional. In HSP KOLIBRI, only one user staff (doctor or medical institution) will be responsible for one patient. If the user assigns a patient to the staff who is already assigned to another staff, the system will automatically reassign staff responsibility for the patient.

If the patient is not assigned to any staff, then in the line "Responsible" will be the name (title) of the user (doctor or medical institution). The user (doctor or medical institution) is responsible for all patients, regardless of which of the user's medical staff created it.

The transfer of responsibility for a patient enables the employee to perform tests of the patient. Test results will be displayed in the doctor's account.

## General view of the tab «Permission»:

Permission: Carl C. Finley

Information | **Permission**

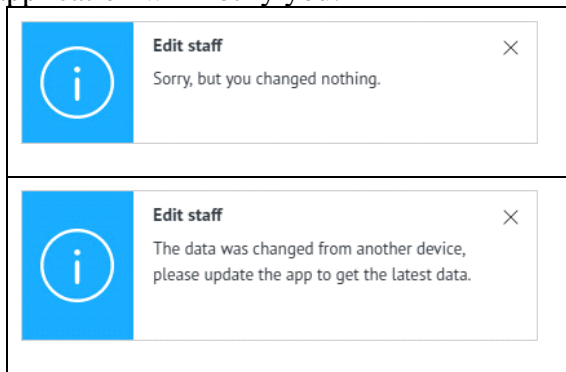
Stage all self patients **1**

Selected	Patient	Patient data	Responsible
<input type="checkbox"/> <b>2</b>	<b>Michael Howard</b> <b>3</b> creator: Pamela Lynch	gender: male <b>4</b> age: 18 phone: (370) 298 1213	Christopher S. Dewar <b>5</b>
<input type="checkbox"/>	Vivian D. Volz creator: Christopher S. Dewar	gender: female age: 52 phone: (370) 999 5678	Christopher S. Dewar
<input type="checkbox"/>	Wade Foster creator: Pamela Lynch	gender: male age: 87 phone: (370) 298 3452	Pamela Lynch

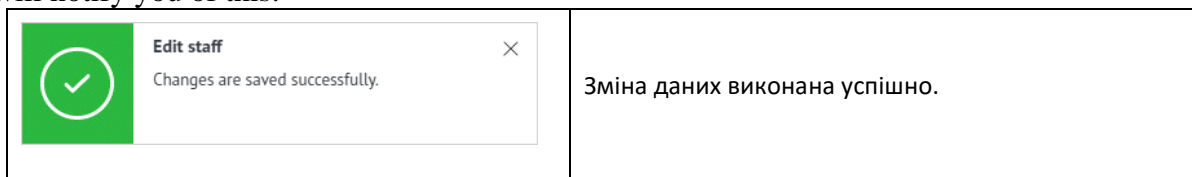
- 1: Checkbox to select all patients.
- 2: Checkbox to select a specific patient.
- 3: Patient's name, the name of the person who created the account for the patient.
- 4: Gender, age, phone.
- 5: Name of the person responsible for the patient.

The user must click on «Update permission» button in order to change the permissions after selecting the required patients:

If the data has been changed by another device or the user has not changed anything, the application will notify you:

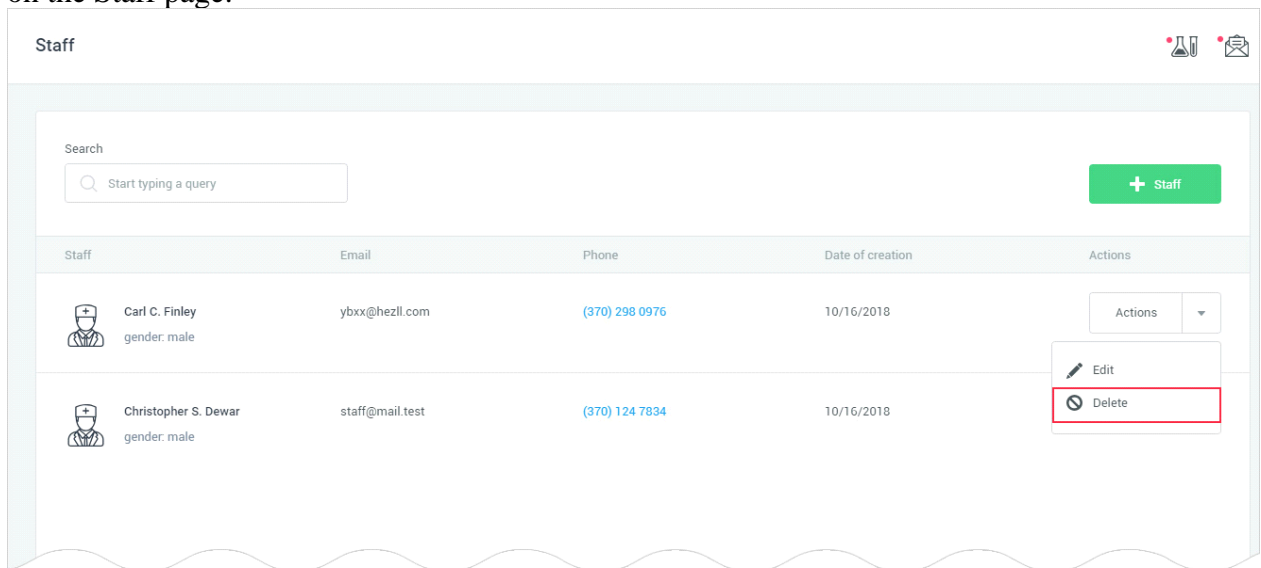


If all the data is entered correctly, the permissions for the stuff are updated. The application will notify you of this:

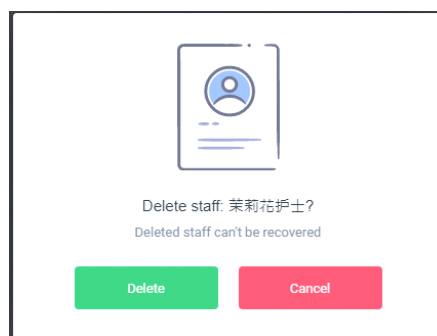


#### 16.7.6 Delete Staff (Doctor's account).

To delete a healthcare account, the user must click on the "Delete" link. This link is available on the Staff page:

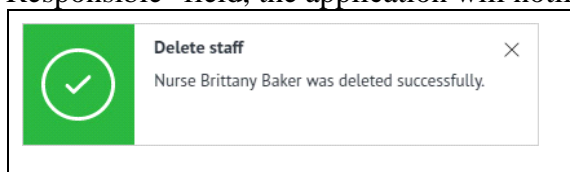


The application opens a modal window to confirm the decision to delete the account of the medical staff:

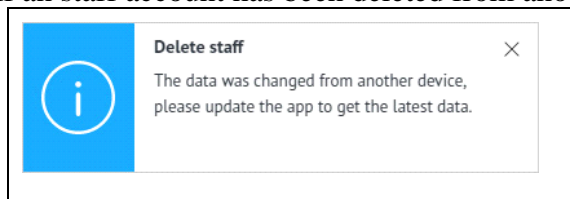


To confirm the procedure for deleting a staff account, the user must click on the "Delete" button. If the user wants to cancel the operation, he must click on the "Cancel" button or click outside the modal window.

If the deletion of the staff's account is successful, the username (doctor) will be written in the "Responsible" field, the application will notify you:



If a staff account has been deleted from another device, the app will notify you:



## 16.8 Balance (Doctor's account).

### 16.8.1 Balance replenishment (Doctor's account).

Balance replenishment is described in detail in the section [7.1. Balance replenishment](#) of this instruction.

### 16.8.2 Balance history (Doctor's account).

Balance history is described in detail in the section [7.2. Balance history](#) of this instruction.

## 16.9 Invoice system (Doctor's account).

### 16.9.1 Invoices (Doctor's account).

The application page that contains the archive of invoices generated in HSP KOLIBRI is described in detail in the section [8.1. Invoices](#) of this instruction.

### 16.9.2 Invoice (Doctor's account).

The page of the application which contains detailed information about the invoice is described in detail in the section [8.2. Invoice of](#) this instruction.

## 16.10 Plans (Doctor's account).

See all about tariff plans in detail in the sections [9.1-9.5](#) of this instruction.

## 16.11 System settings (Doctor's account).

Everything about setting up a user account is described in detail in [розділі 11](#) of this instruction.

## 16.12 User profile (Doctor's account).

User profile - application page for setting the user profile in HSP KOLIBRI. The page is located at: <https://kolibri.one/main/settings/doctor>.

User profile data will be used to generate a printed version of the test or a printed version of the statistics by parameters.

### 16.12.1 Personal information (Doctor's account).

General view of the section «Personal information»:

Personal information

---

Full name

 1

Gender

Male  Female 2

1: Full username. The field has a built-in data validation mechanism. Field requirements:

- the field cannot be empty;
- only enter letters and spaces are allowed.

2: Gender of the user. The field can have one of two values:

- Male;
- Female.

General view of the section «Contacts»:

Contacts

---

Phone

 1

1: Phone of the user (doctor). The field has a built-in data validation mechanism. Field requirements:

- only numbers, parentheses, spaces and characters are allowed.

General view of the section «Medical education»:

Medical education

---

Specialization

 1

Category

 2

Science degree

 3

1: Specialization of the doctor.

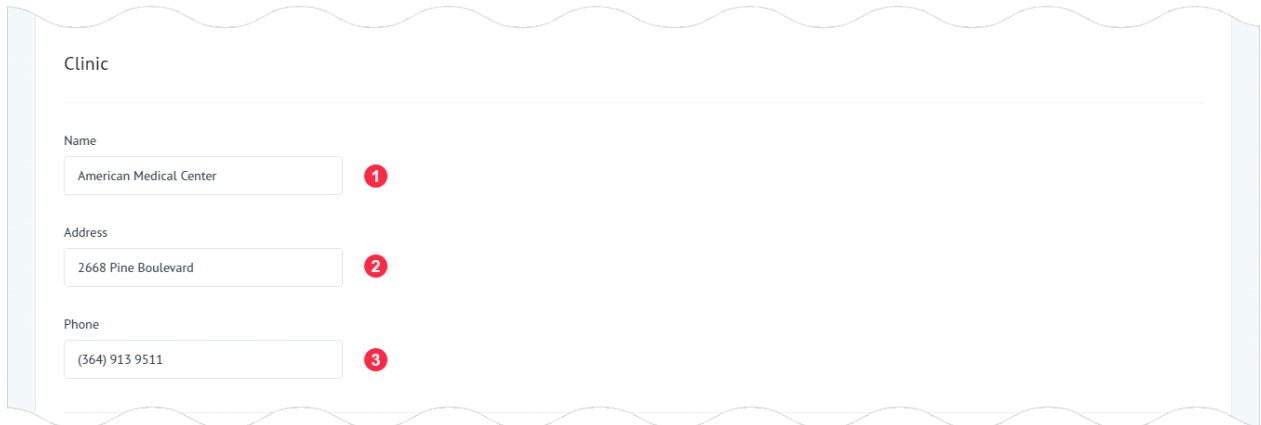
2: Category of doctor.

3: Doctor's degree.

Note:

Blank fields will not be displayed in the patient's test results.

General view of the section «Clinic»:



1: Name of the medical institution.

2: Address of the medical institution.

3: Telephone of the medical institution. The field has a built-in data validation mechanism.

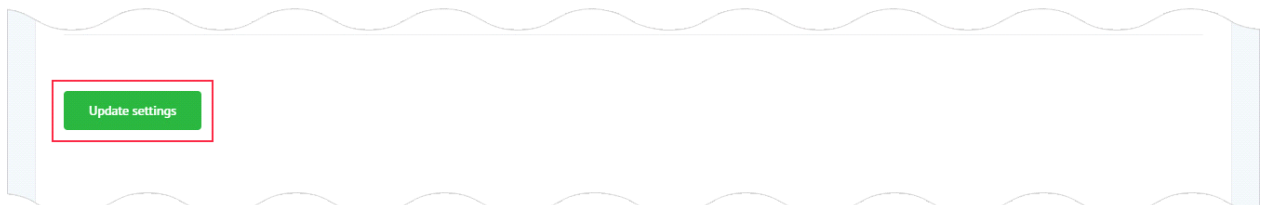
Field requirements:

- only numbers, parentheses, spaces and characters are allowed.

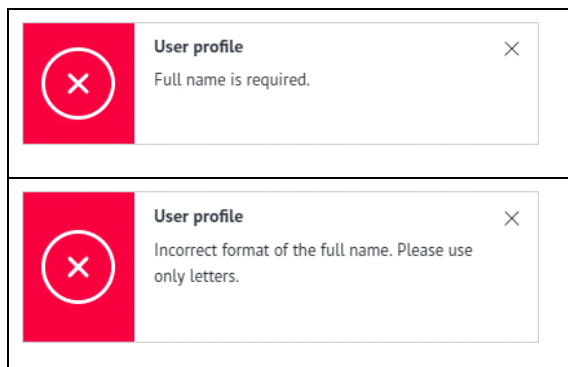
Note:

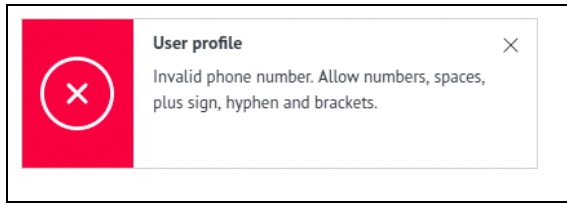
Blank fields will not be displayed in the patient's test results.

To change the profile settings, the user must click on the button «Update settings»:

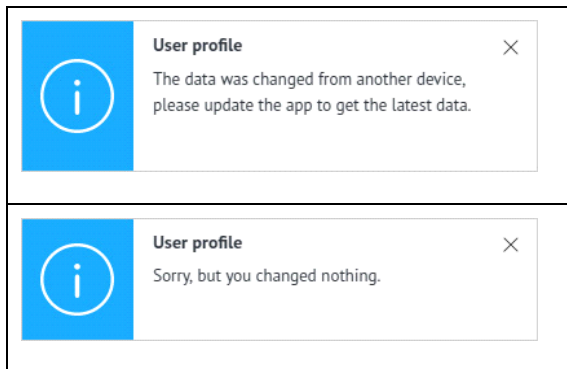


If the data entered by the user contains errors, the application informs him about it:

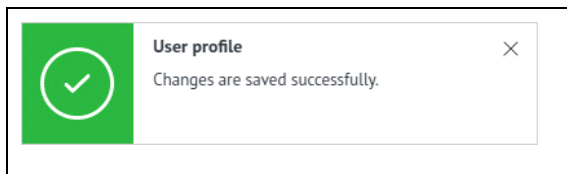




If the settings have been changed by another device or the user has not changed anything in the settings, the application will notify you:

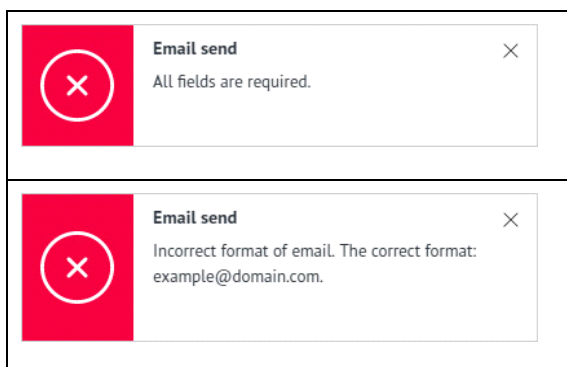


If all data is entered correctly, the current user profile settings are saved. The application will notify you of this:












### 16.13 Error messages generated in the user's account (Doctor's account).

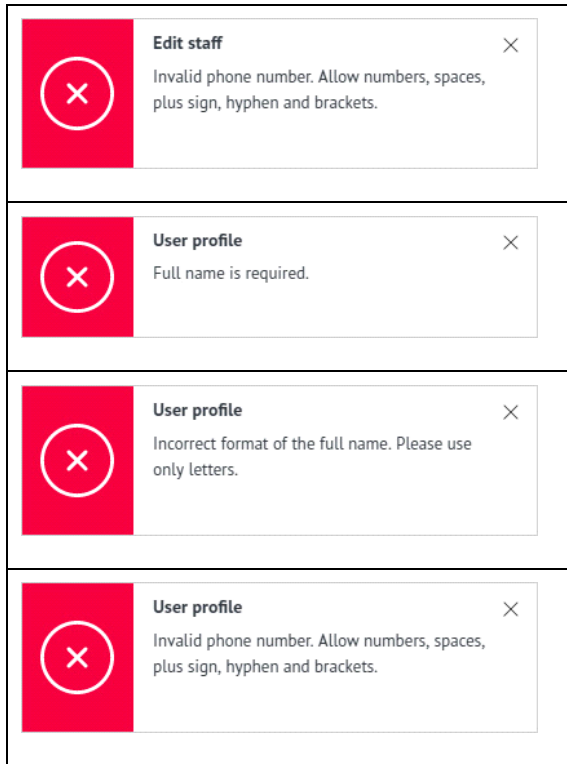
Errors generated by the HSP KOLIBRI are described in [section 14](#) and in this section.





	<p><b>Download XLSX</b> <span style="float: right;">×</span></p> <p>Your browser doesn't support direct downloading of XLSX files. Try sending statistics to email.</p>
	<p><b>Add patient</b> <span style="float: right;">×</span></p> <p>Full name, date of birth and gender are required.</p>
	<p><b>Add patient</b> <span style="float: right;">×</span></p> <p>Incorrect format of the full name. Please use only letters.</p>
	<p><b>Add patient</b> <span style="float: right;">×</span></p> <p>Invalid date.</p>
	<p><b>Edit patient</b> <span style="float: right;">×</span></p> <p>Full name, date of birth and gender are required.</p>
	<p><b>Edit patient</b> <span style="float: right;">×</span></p> <p>Incorrect format of the full name. Please use only letters.</p>
	<p><b>Edit patient</b> <span style="float: right;">×</span></p> <p>Invalid date.</p>
	<p><b>Edit self patient</b> <span style="float: right;">×</span></p> <p>This disease exist in patient diseases list.</p>
	<p><b>Remote access</b> <span style="float: right;">×</span></p> <p>All fields are required.</p>

	<p><b>Remote access</b> <span style="float: right;">×</span></p> <p>Incorrect format of email. The correct format: <code>example@domain.com</code>.</p>
	<p><b>Remote access</b> <span style="float: right;">×</span></p> <p>Request for remote access has already been sent to <code>user@mail.test</code>.</p>
	<p><b>Remote access</b> <span style="float: right;">×</span></p> <p>User with such an email is not registered in the system.</p>
	<p><b>Add staff</b> <span style="float: right;">×</span></p> <p>Full name, email and gender are required.</p>
	<p><b>Add staff</b> <span style="float: right;">×</span></p> <p>Incorrect format of the full name. Please use only letters.</p>
	<p><b>Add staff</b> <span style="float: right;">×</span></p> <p>Incorrect format of email. The correct format: <code>example@domain.com</code>.</p>
	<p><b>Add staff</b> <span style="float: right;">×</span></p> <p>Invalid phone number. Allow numbers, spaces, plus sign, hyphen and brackets.</p>
	<p><b>Edit staff</b> <span style="float: right;">×</span></p> <p>Full name, email and gender are required.</p>
	<p><b>Edit staff</b> <span style="float: right;">×</span></p> <p>Incorrect format of the full name. Please use only letters.</p>

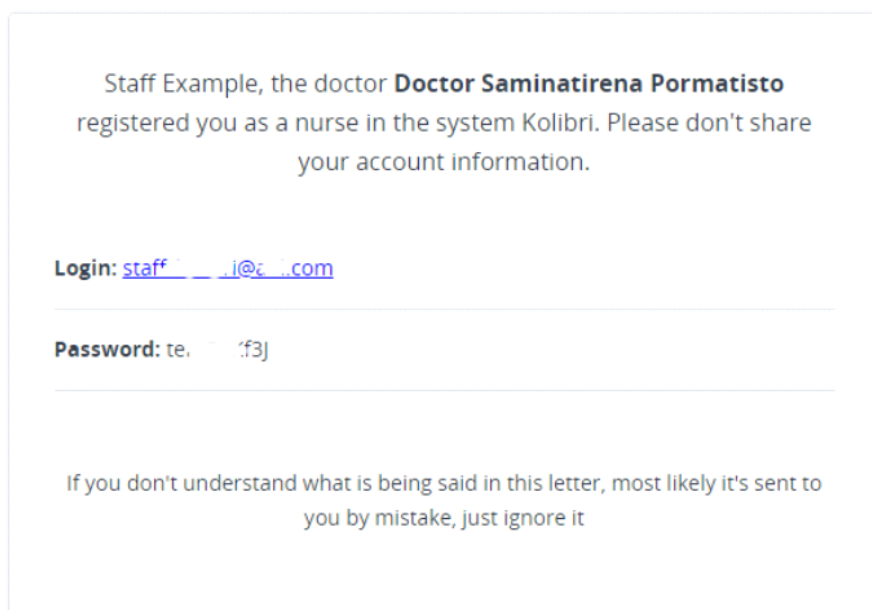


## 17. Staff (Staff's account).

Creating a medical staff account begins with the steps described in section **16.7.2 Add staff (Doctor's account)**.

After the user sends a request to the medical staff mailbox, the staff will receive a message:

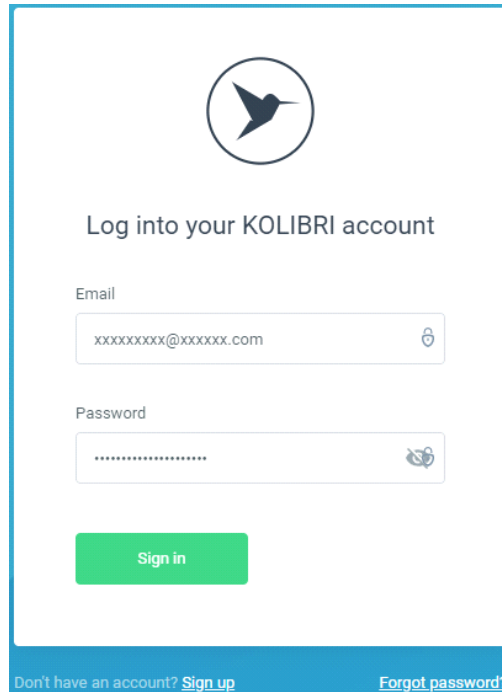
### Register of medical staff



The message will indicate the login and password for the first login to the HSP KOLIBRI as medical staff.

### 17.1 Login to HSP KOLIBRI - Staff (Staff account).

Log in at <https://kolibri.one/auth/signin>. In the form that appears, enter the login and password you received in the mailbox

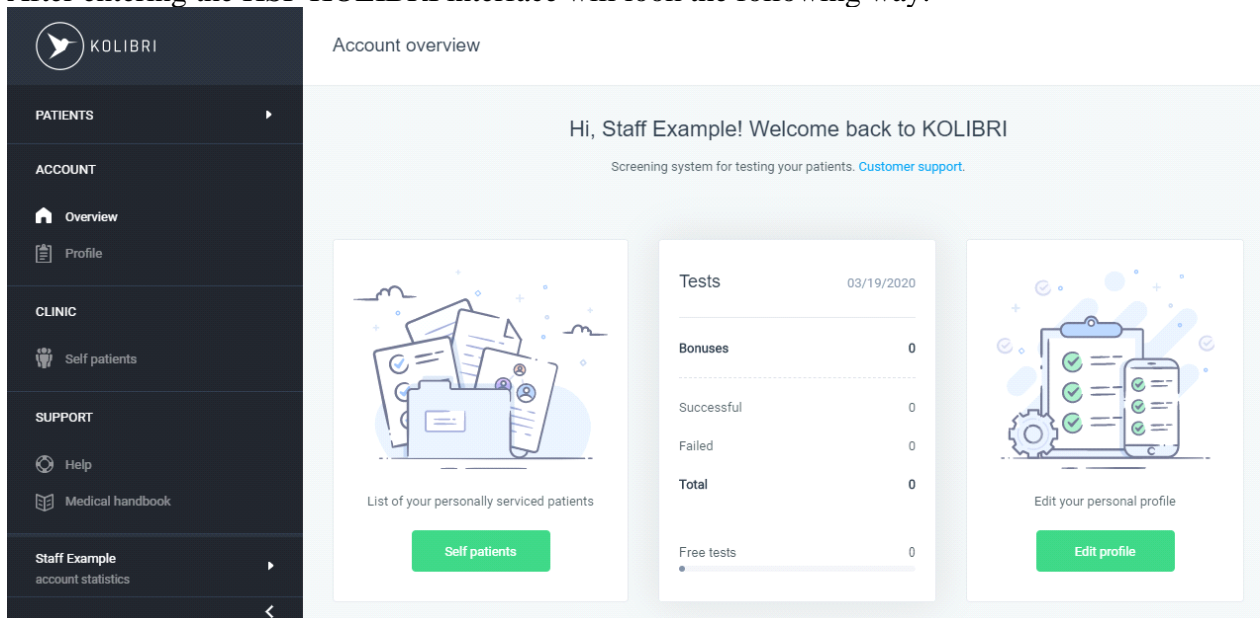


Click on the "Sign in" button.

Note:

In the future, if you forget your password, you can always reset it by clicking on the link "Forgot password?". (Read in detail in [section 1.4](#) of this manual).

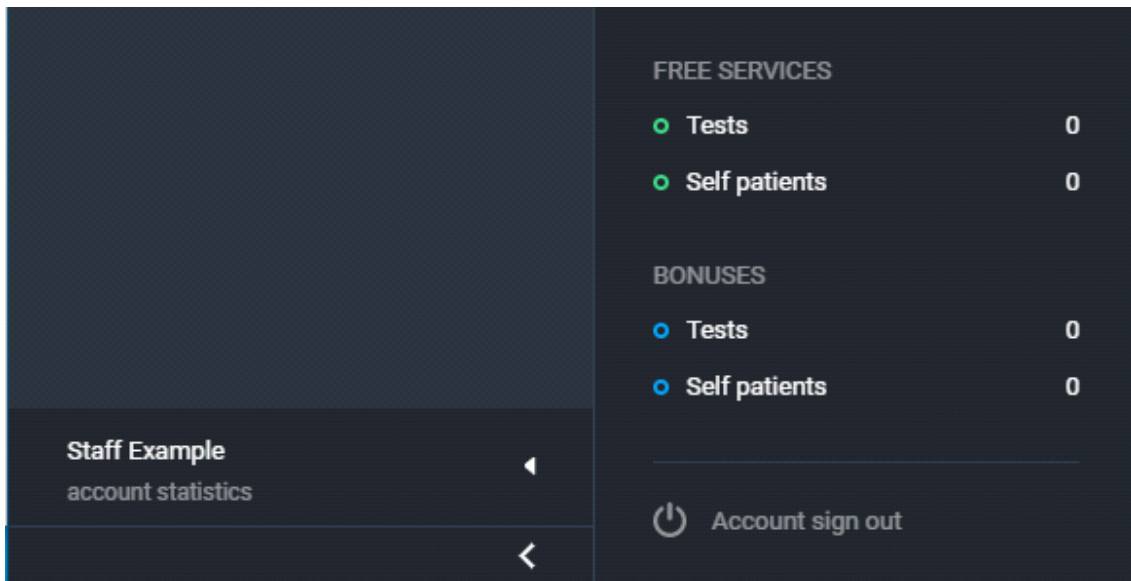
After entering the HSP KOLIBRI interface will look the following way:



The main menu has the following view:

	<p><b>Overview</b> - main screen of the application.</p>
	<p><b>Profile</b> - user profile settings.</p>
	<p><b>Self patients.</b></p>
	<p><b>Help.</b></p>
	<p><b>Medical handbook.</b></p>

The main navigation menu contains a statistics panel:



The statistics panel consists of four items:

Free services:

- Tests - the number of free tests (the value is updated every 24 hours);
- Self patients - the number of free user's self-patients;

Bonuses:

- Tests - the number of bonus tests;
- Self patients - the number of bonus self-patients;

The statistics panel also has a link to sign out - «Account sign out».

## 17.2 Profile (Staff account).

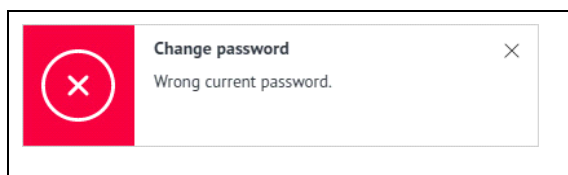
Select the "Profile" menu and enter a new password that you can easily remember and use later in subsequent logins to the HSP KOLIBRI.

When entering the password, you will be prompted to enter a new password and the password you have just logged in with.

Change password

When done, click the "Change password" button.

If the password in the "Current password" field did not match the one you entered when logging in to the HSP KOLIBRI, the system informs you with a message:



The HSP KOLIBRI will offer to log in again. Log in as described in section 17.1 Login to HSP KOLIBRI - Staff (Staff account), re-using the login and password that is in your mailbox.

If you did everything correctly, the password will change, the system will inform you about it and offer to log in with a new password.

Select the interface language and units of measure:

## Interface

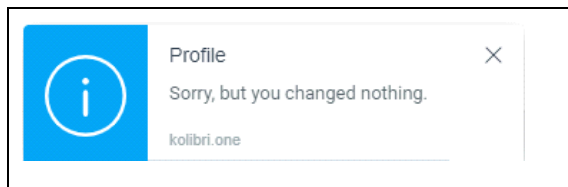
Language

Units

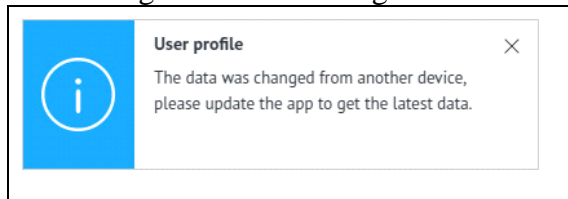
 mmol/l  mg/dl

Update settings

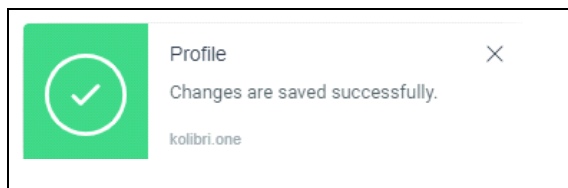
You must click on the "Update settings" button in order for the changes to take effect. If you did not make any changes to the profile, but clicked on the "Update settings" button, the system will inform you about it:



If the settings have been changed from another device, the application will inform you:



If you have made changes, the system will also inform you:



### 17.3 Overview (Staff account).

The page is divided into three components.

- 1. In the left part there is a button "Self patients", when you click on it you will go to the "Self patients" section of your account. This page is located at URL: <https://kolibri.one/main/staff/self-patients/list> HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"::](https://kolibri.one/main/staff/self-patients/list) HYPERLINK

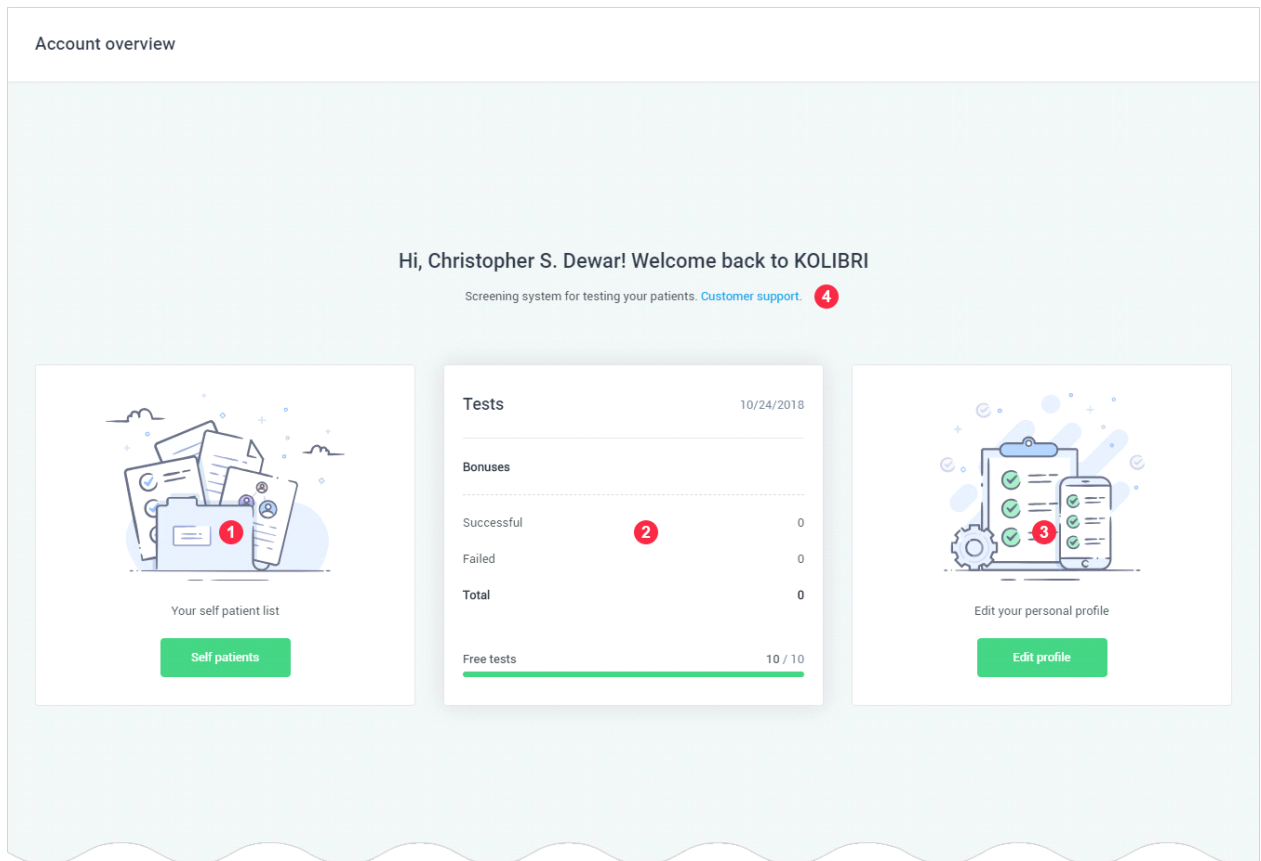
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)kolibri HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list). HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)one HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)/ HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)main HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)/ HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)staff HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)/ HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)self HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)- HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)patients HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)/ HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list) HYPERLINK  
["https://kolibri.one/main/staff/self-patients/list"](https://kolibri.one/main/staff/self-patients/list)list.

- 2. The middle part shows a block of statistics for the last day, which indicates how many bonus tests there are for a medical staff, how many tests are done in total, how many tests were received in poor quality (FAILED), the total number of tests, and the rest of free tests.



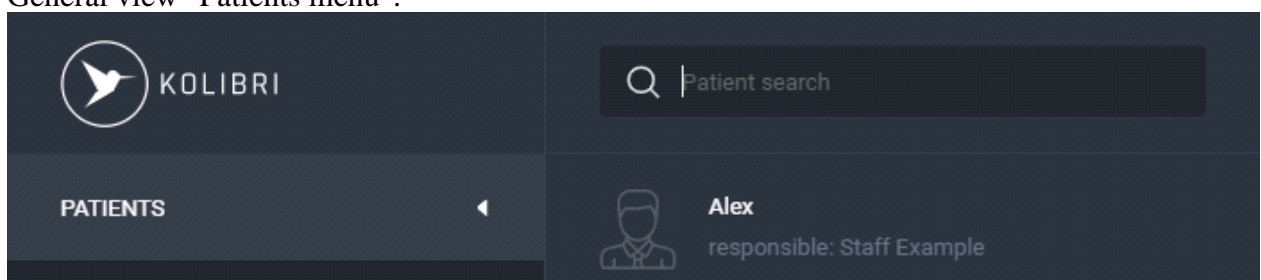
- 3. In the right part there is a button "Edit profile", when you click on it, you will go to the Profile section (described in detail in **17.2 Profile (Staff account)** of this manual). This page is located at URL: <https://kolibri.one/main/settings/staff> HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"://](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff)kolibri HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff".](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"one](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff/"](https://kolibri.one/main/settings/staff/) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"main](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff/"](https://kolibri.one/main/settings/staff/) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"settings](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff/"](https://kolibri.one/main/settings/staff/) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"](https://kolibri.one/main/settings/staff) HYPERLINK  
["https://kolibri.one/main/settings/staff"staff](https://kolibri.one/main/settings/staff)
- 4. Link to the KOLIBRI support page.

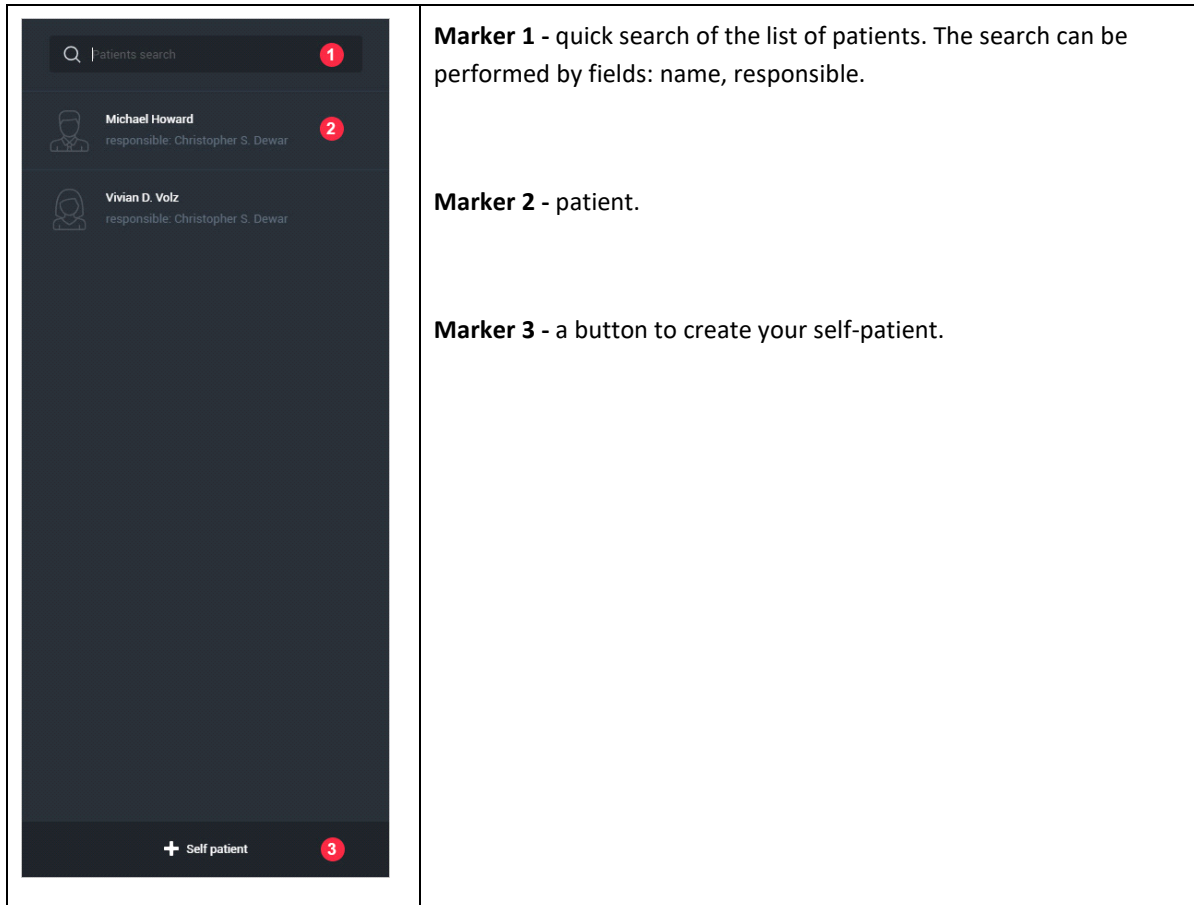
General view of the staff's account:



#### 17.4 Self patients (Staff account).

The main navigation menu contains the "Patients menu", for quick access to the list of patients. To open the "Patients menu", the user must click on the block "Patients" - marker 1. General view "Patients menu":





**Marker 1** - quick search of the list of patients. The search can be performed by fields: name, responsible.

**Marker 2** - patient.

**Marker 3** - a button to create your self-patient.

When selecting a patient (click on his name) you get to the section "Self patients".

In this section there is a field for finding the necessary patient.


Patient accounts are listed.

The list displays:

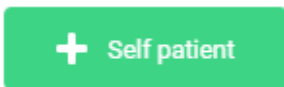
1. Patient's name,
2. The name of the staff of the medical institution that created the user account,
3. Gender and age of the patient,
4. Diseases, if any and verified according to ICD-10,
5. Type of diabetes, or if it is absent then "-",
6. "Action" button with five submenu fields:
  - Latest test
  - Tests archive
  - ECG
  - 
  - Medical card
  - Edit patient

The description of the fields and the possibilities of their use are described in detail in sections [5.1](#), [5.2](#), [6.2](#), [16.5.7](#), [16.5.9](#) of this manual.

## Self patients

Patient	Patient data	ICD-10	Diabetes	Actions
 Alex creator: Demo doctor responsible: Staff Example	gender: male age: 33	• <b>D50.1</b> Iron deficiency anaemia. Sideropenic dysphagia.	<b>TYPE 2</b>	Actions Latest test Tests archive ECG Medical card Edit patient

Click on the button to create a new patient account:



You can do the same using the capabilities of the main menu, and select the link “+ Self patient”»:

KOLIBRI

PATIENTS

ACCOUNT

Staff Example  
account statistics

Patient search

Alex  
responsible: Staff Example

+ Self patient

The page for creating a patient's medical ID is conditionally divided into three tabs and is located at the link <https://kolibri.one/main/doctor/self-patients/add>:

## Add personally serviced patient

A profile of the personally serviced patient is not complete

To use the system, please fill in mandatory fields in a profile of the personally serviced patient (Information tab): full name, date of birth, gender, weight, height, race and presence of diabetes.

Information Diseases Notes

Personal information

Full name

Enter patient's full name

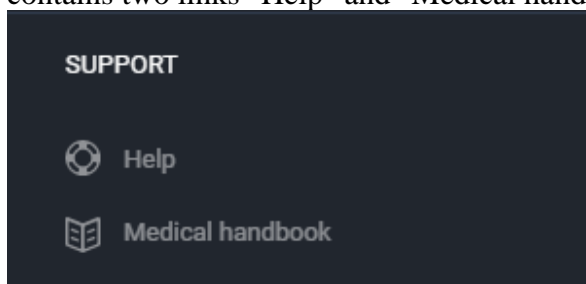
- information - patient data (medical card);
- diseases - the patient's disease;
- notes - notes about the patient;

The "Diseases" and "Notes" tabs are available to the user only in patient editing mode - **SECTION 16.5.9**.

All further actions on correct filling of the medical card of the patient are described in sections **16.5.8.1-16.5.9.3** of this instruction.

## 18 Support (All accounts).

In all HSP KOLIBRI accounts in the main menu there is a section "SUPPORT", which contains two links "Help" and "Medical handbook".



When selecting the "Help" menu, the user will be redirected to the page where this manual is located in electronic form.

When selecting the menu "Medical handbook" the user will be redirected to the directory located at the link <https://medbook.kolibri.one/>.

The medical directory is constantly updated with reference information containing the description of indicators, pathologies defining mathematical algorithm of the HSP KOLIBRI.

The medical directory page has the following view:



KOLIBRI

Search

Home

Categories

Home Kolibri

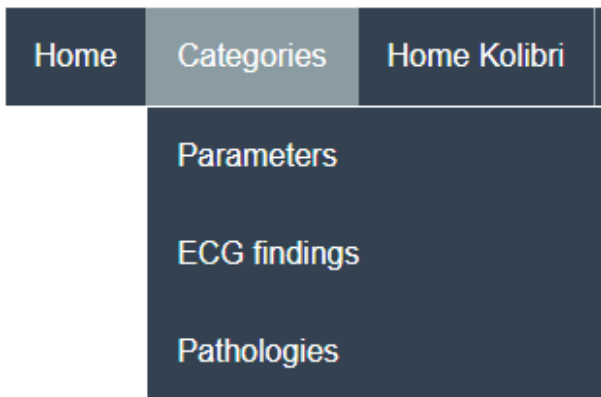
Personal Account

**MCH***Category Parameters*

Mean corpuscular hemoglobin (MCH)

[Read more](#)

The information search field supports any characters. Use it to search.  
The "Categories" menu has a list:



"Parameters" - displays a list of all parameters and their interpretation

"ECG findings" - displays a list of changes in the patient's cardiac system, which determines the HSP KOLIBRI.

"Pathologies" displays a list of pathologies that can be identified by the HSP KOLIBRI.