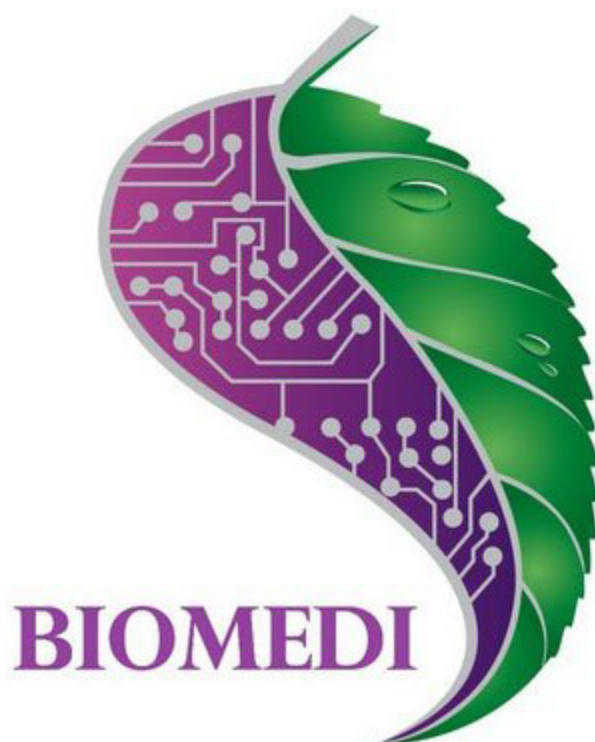


# **User's manual the software Biomedis M Air4**

**For devices Biomedis M**



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## 1. About Biomedis M Air4 software



Biomedis M Air4 software is designed to generate individual files of complexes, which is used in the Biomedis M medical device.

Biomedis device is designed to provide bio resonance therapy (BRT) by the impact of electromagnetic fluctuations. They help to restore damaged body's mechanisms and homeostasis using the bio resonance principle.

The frequencies of Fol, Schmidt and Rife are used during the therapy.

This kind of therapy is working just fine with any other kind of treatments such as pharmacotherapy, physiotherapy, homeopathy, acupuncture, etc.

Every treatment program consists of the set of frequencies running sequentially or simultaneously (multi-frequency mode) with set length. The combination of treatment programs makes up the treatment complex.

Several users can use the device consistently.

### Principles of Biomedis M actions

The goal of bio resonance therapy (BRT) is body functions correction. It harmonically transforms resonating electromagnetic oscillations, which correspond to healthy cells and organs, to synchronize them.

The treatment is based on suppressing pathological oscillations ranges and repairing and strengthening physiological oscillations ranges. It also includes maintaining of relative synchronization of different waves processes, which form the body's homeostasis. The idea of BRT by patient's own low frequency electromagnetic oscillations belongs to F. Morrel, who express and scientifically proved it in

1977.

When the body is in physiologically good condition, the relative synchronization of different waves processes (or oscillations) is supported by body itself, whether when the oscillation harmony is violated, the pathological processes (diseases) start to develop.

BRT is an electromagnetic oscillations therapy resonating with body's structures. The effect is possible on the cell level, organ level, organ's system level or the whole body level. Different levels are characterized and can be managed by different frequencies and waves parameters.

The main idea of applying resonance in medicine is that the right choose of physiologic oscillations and form of treatment makes it possible to strengthen normal (physiological) oscillations and eliminate pathological ones. Therefore, BRT can either neutralize pathologic oscillations caused by ill cells and tissues, viruses, bacteria and fungi, or restore normal functioning of ill organs and homeostasis of its systems.

The Biomedis M device actions are directed to step-be-step restoration of healthy organs of system energetic potential, re-configuring the body to produce healthy resonance oscillations.

The full information about Biomedis M is provided on the [company's site](#).

### Recommendations for providing therapy

The device is designed to be used at home. The therapy runs by sessions, which constitute the treatment course. Each session is a one time impact of some program or complex. You can have several sessions a day. The effect can be fully seen as the result of course therapy.

The course therapy includes 14-21 days average with 1-2 days break in the end of the course. The total duration of therapy can be up to 5-7 courses if necessary.

To obtain the bigger effect you can place device with his backside near the diseased organ. The greatest effect can be reached in combination with other kinds of treatment.

Do not do hard physical work in the day of procedures.

In case of an acute disease (poisoning, ARI, SARS, flu) it is recommended to have a procedure every two hours till the general state is better and symptoms are eliminated.

The use of Biomedis M device does not exclude medical treatment or folk medicine; it does strengthen their effects.

The amount of procedures per day is to be chosen according to individual sensitivity.

In the vaccination period device can be used only by doctor's consultation.

In case of diseases that are seriously dangerous for the health the device is to be used under doctor's supervision.

**Attention!** Follow the contradictions to Biomedis M use that are listed in the instruction. Consult the doctor.

**BIOMEDIS is contraindicated in the following cases**

(according to methodological recommendations №2000/74 MHC RF):

- blood clotting;
- pregnancy (1st trimester);
- benign and cancerous tumors (allowed only under supervision of a highly qualified doctor);
- babies that are younger than one year old (administration is allowed only under supervision of a physician);
- existence of transplanted organs (allowed under supervision of a doctor);
- existence of the implanted electrocardiostimulator;
- individual intolerance to electric current (if hand electrodes are used);
- epilepsy (episode), convulsive attack;
- congenital defects of central nervous system;
- severe psychic disorder or intoxication.

**The features of Biomedis M Air4**

The software uses a frequency base from the previous version (the old frequency base) and a new one (new frequency base), the creation of own database (User base) is also available. The previous version used files and folders on the user's computer to store profiles and complexes; the new one is using the inner database. The database of frequencies can contain any number of nested sections. Sections can hold complexes and programs, whether complexes can hold just programs. You can create convenient structure of sections, complexes and programs in User section. The software provides the ability to import and export a user database to a file.

Users can create any number of profiles. The profile registered by the device is clearly identified by the software and allow you to synchronize profile changes with device's files.

The software features importing and exporting profile data that you can transmit to / receive from other users. Profiles operate independently of the frequency base; the presence or absence of programs and complexes in the database does not affect the operation of complexes and program profiles.

## **2. The features of Biomedis M Air4**

**System requirements for Biomedis software**


The stable work of Biomedis software requires following:

- Windows operation system (any version);
  - 1024 MB of RAM and more;
  - Monitor resolution 1024x768 px and more;
-

- Client package JRE 1.8.0\_45 and higher ([can be downloaded from official site](#))


The software does not require Internet connection.

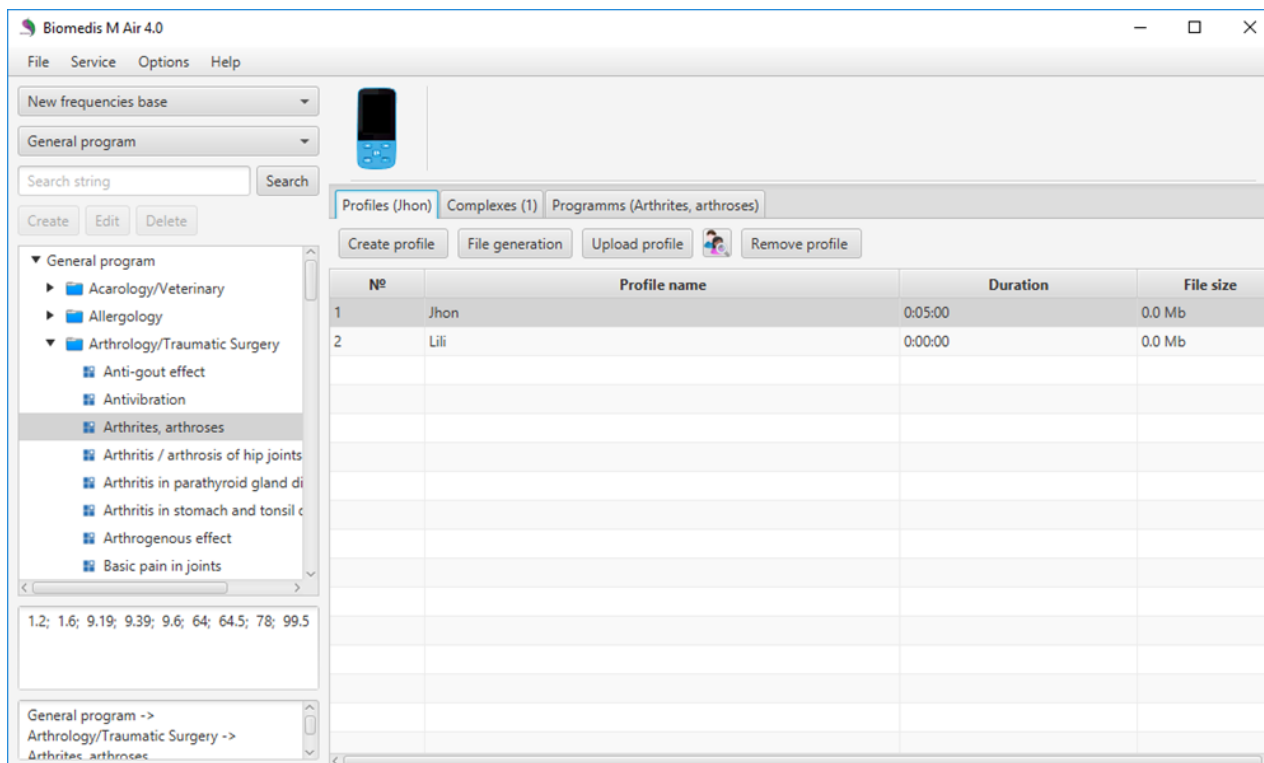
### Biomedis M Air4 installation and setup

- Launch setuo.exe file to install the software on your computer.
- Choose the folder where you want to install software to. It is recommended to install the software to the non-system disk folder if you are using Windows 10. In case of access denied errors run the program as Administrator.
- Launch Biomedis M Air4 by clicking on the desktop icon .

To exit the program click on "X" in the right upper corner of the program window.

## 3. Interface description

You can run Biomedis by clicking in the desktop icon. In case of unattended delete of the icon , you can create a new one or launch an executive file **BiomedisMAir4.exe** from the installation folder (by default the software is installed to system disk and have a path C:\Program Files\BiomedisMAir4). After that the main window of Biomedis M Air4 is shown:

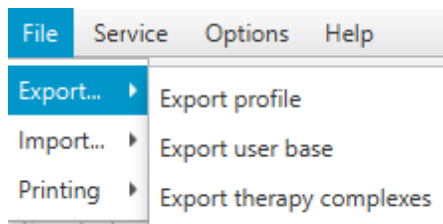


The picture of the device is an indicator of Biomedis M connection to the computer: if the device is connected, when you point the device picture with a mouse, you will see the pop-up tip with the free space capacity of the device and the line that graphically shows the state of the device's disk. The clear space to the right of the device picture is to show information about processing operations with files.

## The main menu

The main menu is located in the upper tool bar of the window. Each menu button contains more menu items that you can open by clicking on it.

### File button menu



The **Export** button contains following items:

- **Export profile** item saves file with current profile's data to a user's computer (including name and program complexes with individual time setting created by user). If the profile is not chosen, this item is inactive.
- **Export user base** item saves file with user frequency base to user's computer.
- **Export therapy complexes** item saves file with selected in the profile therapeutic complexes. If no complex is selected the item is inactive.

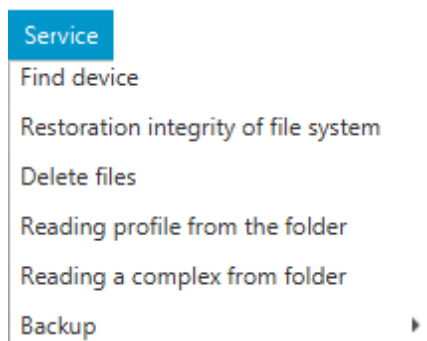
The **Import** button contains the same items for import in sub-menu and the additional item for importing complexes from folder to user base. The import is provided by choosing files that were created during the export phase. The import of complexes from folder to a user base allows to import complexes, created by user and saved to the device's disk or computer folder as the set of .bss and .txt files into the user frequency base library, so they can be used in program set up.

The description of those functions provided in [Import and Export](#) section.

The **Print** button contains following items in sub-menu:

- **Printing profile** item shows the print preview window with the profile, where you can send it to the printer. If the profile is not selected, the item is inactive. The description of print functions is provided in [Profile creation](#) section.
- **Complex** press items shows the print preview window with the selected complex, where you can send it to the printer. If the complex is not selected, the item is inactive. The description of print functions is provided in [Complex creation](#) section.

### **Service button menu**



**Find device** button is used to eliminate the Biomedis M device connection problems. The further description provided in [Profile or complexes uploading to the device/computer folder](#) section.

**Restoration integrity of file system** button launches the process of restoring system device's files. This button should be used in case any creating operation was suddenly interrupted and complexes are shown incorrectly after saving files and turning on the device. The further description provided in [Profile or complexes uploading to the device/computer folder](#) section.

**Delete files** button deletes generated files of programs, but not the programs themselves. The further description provided in [Profiles and complexes files generation](#) section.

**Reading profile from the folder** and **Reading a complex from the folder** buttons, unlike import functions, don't import files from exported ones but create a structure similar to imported from a folder profile/complex. The further description provided in [Read profile/complex from folder](#) section.

The command **Backup** contains the built-in menu with commands that allow to create and download backup copies (read more in the section [Backup](#)).

### **Options button menu**

This menu contains two configurations: **Codec options** (which is intended for users whose operating system is not Windows), **Language select** and **Language insertion complexes**, which are described in [Configuration](#) section.

### **Help button menu**

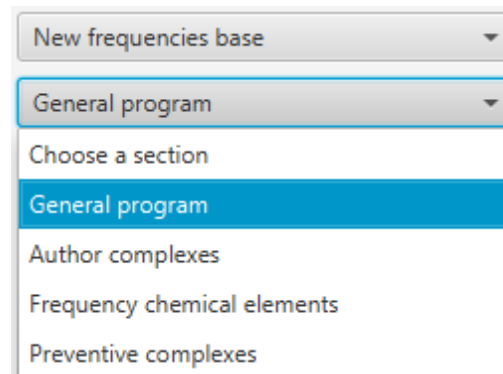
Contains one button – **Manual**, which opens this manual.

### **Therapy frequencies base and programs selecting**

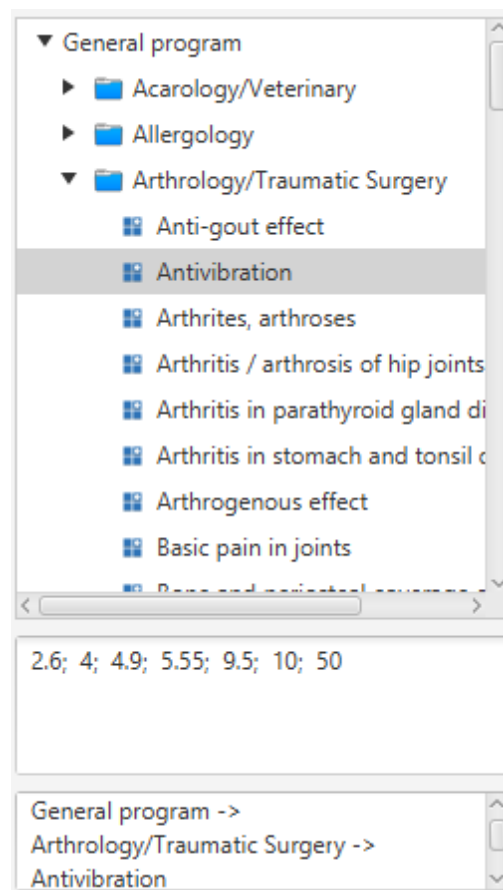
Therapy bases are shown in drop-down list below the main menu buttons. New frequencies base

is chosen by default.

Below the base selection there's a next drop-down list with the therapy programs' sections:



After clicking on the section the list of programs/complexes will be downloaded. This list is separated into groups (folders) according to their medical group. By clicking on those folders you can see its elements. To see the whole list use the vertical scrollbar in the right, to see the full names of elements use the horizontal scrollbar in the bottom. If you select a program in the field below, you will see the frequencies it uses. Below that one there will be a status bar showing the therapy program section, folder and the program selected by user.



**New frequencies base** contains the following sections:

- "General program" is a general therapy base, it includes the list of programs of traditional and nontraditional medicine.
- "Author complexes" is specially designed complexes which include programs that in different ways affect the treatment of specific disease.
- "Frequency chemical elements" contains programs that are used in case of specific chemicals disbalance.
- "Preventive complexes" are complexes usually provided with the device.

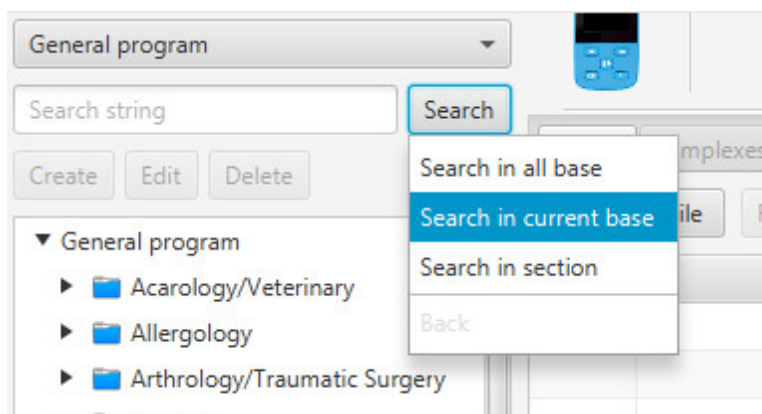
**Old frequencies base** contains following sections:

- "Therapeutic section" contains the list of programs of traditional and nontraditional medicine.
- "Set of programs" section contains the list of different frequencies programs applied to each disease in the list.
- "Antiparasitic" section contains the list of antiparasitic programs separated into groups by pathogens.

**User base** – frequencies base that is created by user. The further description provided in [User base creation](#) section.

### Therapy programs and complexes search

In top of therapy programs list there is a search box to get the necessary program or complex from database.



Input the name of program (or disease) or the part of that name (but not less than 3 characters) and press the Search button. The inner menu will be shown, in which you will have to choose the section to search in:

- **Search in all base** is looking for information in New frequencies base, Old frequencies base and User base.
- **Search in the current base** is looking for information in the currently selected base.
- **Search in section** is looking for information in the selected section of therapy program (in the Select section list).

After inputting the search query you can press **Enter** key on the keyboard, which will provide search in all base function. To reset search parameters and show the whole list again press **Back** button in the search box menu (that will open the list you have initiated the search in) or choose another section (base). If the section is not chosen, search in the current base button will be inactive. If the search has not been initiated yet, Back button is inactive.

### Users profiles and individual complexes

In the right part of the window there are three tabs and tool bar below them, which contain buttons for inner tab actions.

The **Profile** tab is designed to show personal profiles of device users (further description is in [Profile creation](#) section). Profiles allow to group complexes, for example, specific user's profile or therapy courses, etc.

The **Complexes** tab is designed to hold program complexes, created by user in its on profile (further description is in [Complex creation](#) section).

The **Complexes** tab is designed to add therapy programmes to the selected complex (further description is in [Complex creation](#) section).

In the first launch of Biomedis M Air4 software all tabs will be empty, and some buttons will be inactive.

After adding information to the tabs data will be shown in grids. You can scale the tables' column by clicking on the column separator, holding the left mouse button and moving it to the side you need.

## 4. Configuration

The configuration of software is located in the main menu and can be open by clicking **Options** button. It contains the drop-down list of settings: **Codec options**, **Language select** and **Language insertion complexes**.

**Options**

Codec options

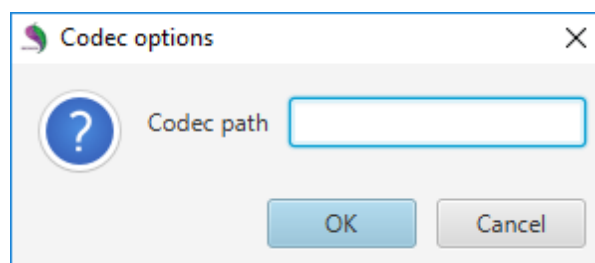
Language select

Language insertion complexes

## Codec settings

Codec settings are intended to be used by experienced PC users who use another operating system (not Windows). This option allows to manually write the path to the executive file of mp3-codec that is pre-installed for Windows users, so they have this field empty.

After clicking on **Codec settings** the following window will be shown:

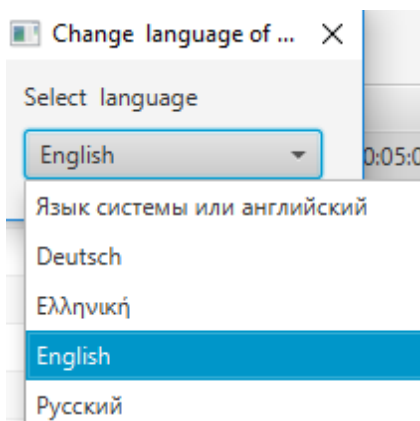


Insert the path to the executive file of mp3-codec in the **Codec Path** field. Press **OK** button to apply the settings. **Cancel** button closes the window without saving changes.

## Language Selection

This version of Biomedis M Air4 supports multi languages interface and therapy base.

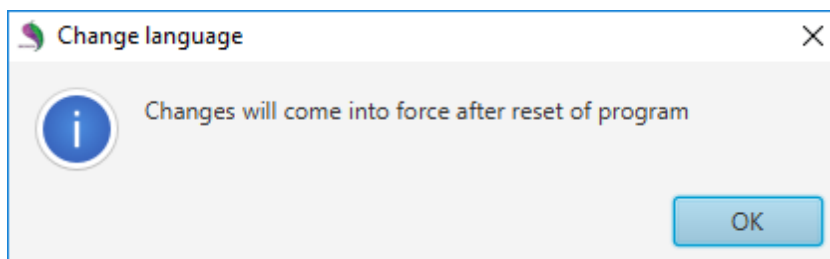
You can change the language by clicking on **Language select** button, and the corresponding window will be shown. In the drop-down list, which you can see by clicking on arrow, select your language:



Some elements can be not fully translated to chosen language, in this case it is recommended to

use the **System language or English**. The language selection has an impact on the names in frequencies base; if there is no translation to the chosen language, the names will be shown in English.

After selecting a language its name will be shown in that window field. After closing that window you will see a message:

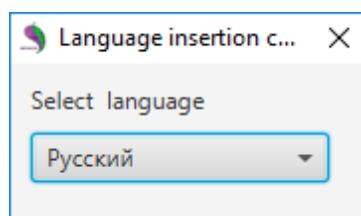


Press **OK** button. Close Biomedis M Air4 and run it again to apply settings changes.

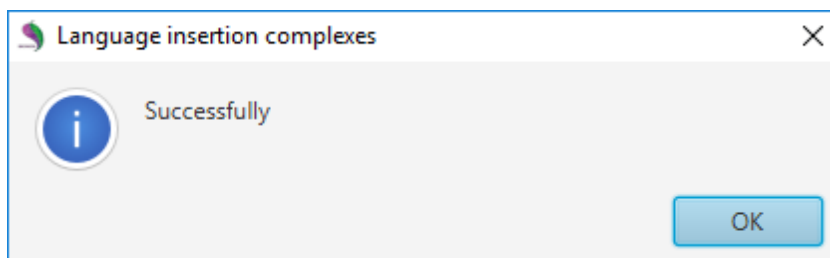
### Language insertion complexes

The setting **Language insertion complexes** allows to create therapeutic complexes and programs in language different from the language of the program Biomedis M Air4.

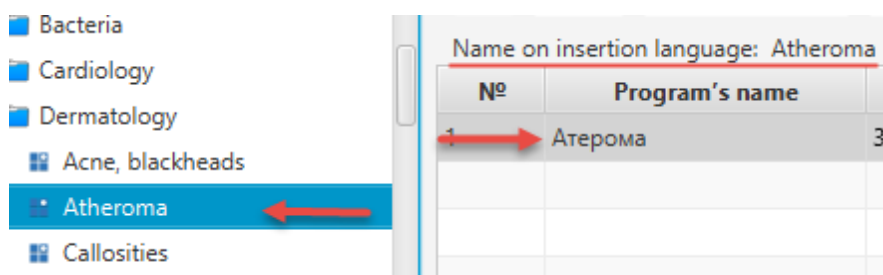
When choosing the menu command, the window opens, in which it is needed to choose another language to display the names of complexes and programs on insets “Complexes” and “Programs”.



After choosing the language a pop-up message on the successful application of the settings will appear:



As a result of the application of the settings, the copied complexes (programs) are displayed in the chosen language, its name is indicated in the language of the program Biomedis M Air4. above the table after choosing the complex:

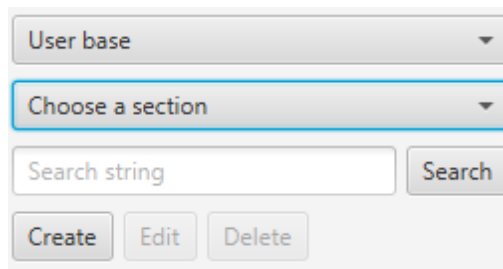


If the translation into the chosen language is absent, the language of the text (of the program) will be English.

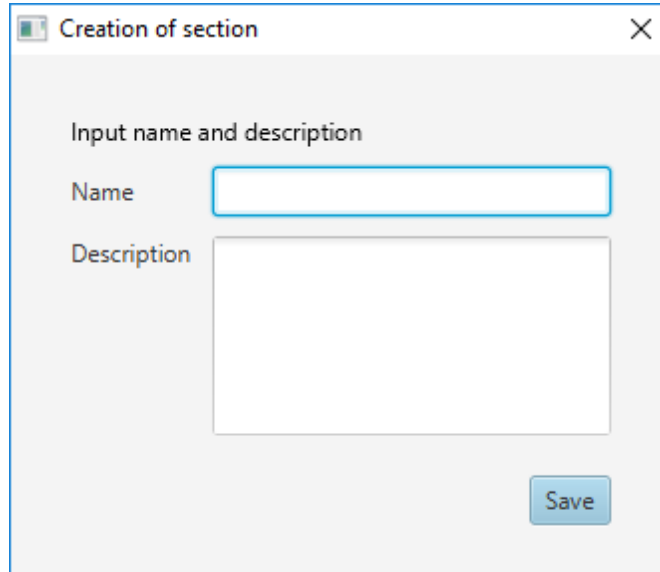
## 5. User base creation

The creation of your own user frequencies base allows you to not only use pre-installed therapy base of Biomedis M Air4, but create your own sections, sub sections, complexes and programs, which can be exported and used by other users (further description is in [Import and export data](#) section). To create your own base you can use frequencies given by your bio therapist, program frequencies from another version of Biomedis M Air4 or frequencies combinations made by user from existing programs.

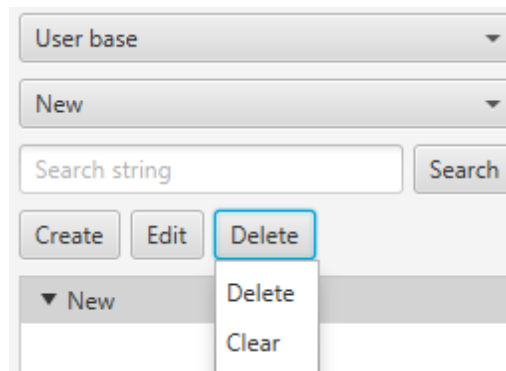
To create your own base you have to choose **User base** in the job down menu that can be opened by clicking on the field. **Create** button will become active:



Click on **Create** button to open creation of section window. Type section name and description (optional):

A screenshot of a software window titled "Creation of section" with a close button (X) in the top right corner. The window has a light gray background. Inside, the text "Input name and description" is centered. Below it, there are two labels: "Name" and "Description". The "Name" label is followed by a single-line text input field. The "Description" label is followed by a larger, multi-line text area. At the bottom right of the window, there is a blue button labeled "Save".

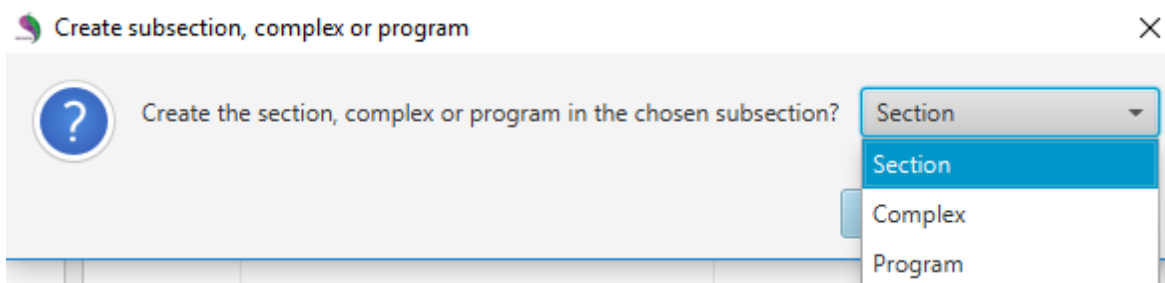
Click on **Save** button. The created section will be shown in the sections list; the section description will be shown in the bottom of the window. To edit name and description of the section click on **Edit** button. The corresponding window will open as shown in the picture above. To delete section click on **Delete** button. Then menu will be shown:

A screenshot of a software interface. At the top, there is a dropdown menu labeled "User base". Below it is another dropdown menu labeled "New". Under these is a search bar with the placeholder text "Search string" and a "Search" button to its right. Below the search bar are three buttons: "Create", "Edit", and "Delete". The "Delete" button is highlighted with a blue border. Below the buttons is a list view with a header "▼ New". A context menu is open over the "Delete" button, showing two options: "Delete" and "Clear".

Click on **Delete** button to delete the section including empty subsections, programs and complexes. To execute this command approve this action in the pop-up window.

Click on **Clear** button to delete all section programs and complexes but keep the section.

You can add subsection, program or complex to the created section. Previously select the section and click on **Create** button. Then you have to click on the field in the opened window and choose category in the drop-down list:

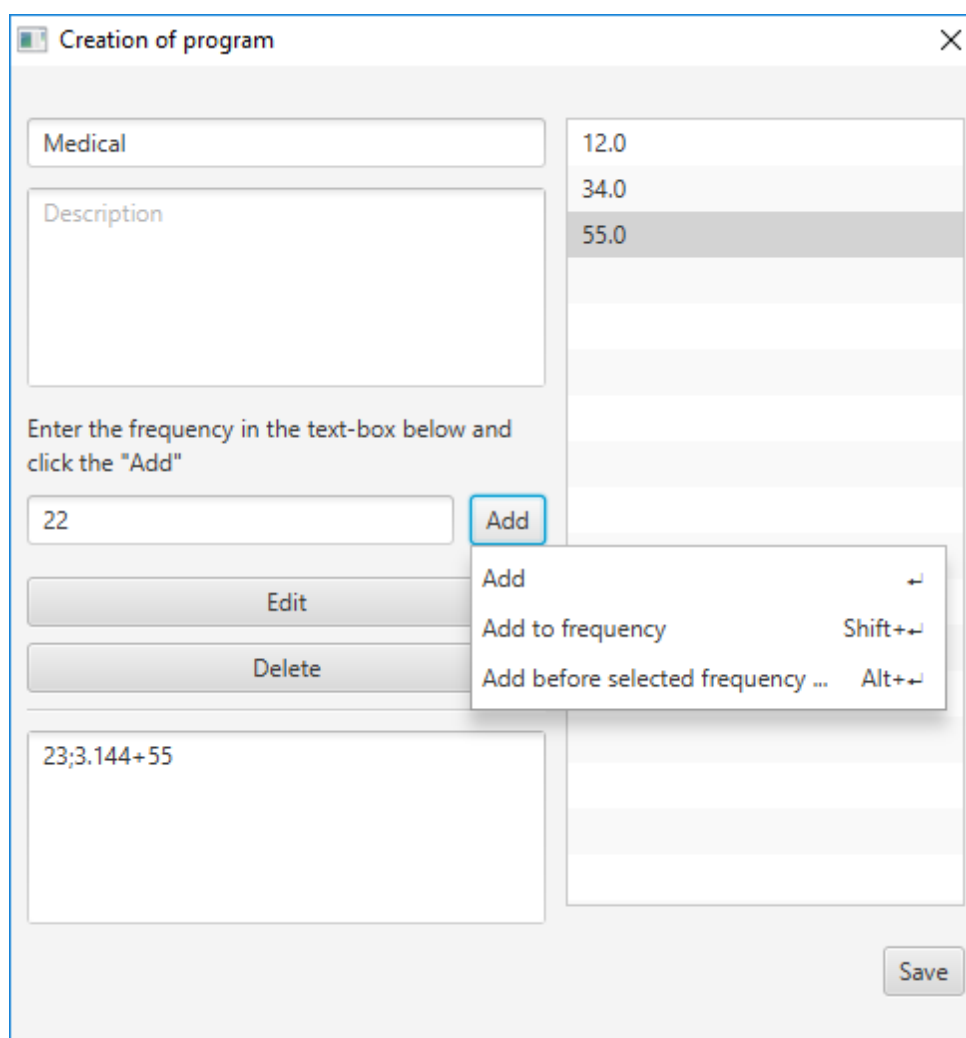


Click on **OK** button.

If you created subsection, the section creation window will be shown (described above).

If you created complex, the similar window will be shown, where you can input complex name and description (optional).

If you created program, the window will be shown, where you can input program parameters. You can add only programs to the created complex.



In the program creation window input the program name in the upper field.

Below you can input description (if needed).

Input the frequency in the field using numerical characters on the keyboard. To add frequency to frequencies list in the right use **Enter** key on the keyboard or **Add** button in the window. If you know the set of frequencies for the program you want to create copy it or input manually in the lower part of the window and press **Enter** key on the keyboard (frequencies are separated by semicolon without spaces, multi-frequencies series should be separated by “+” character). You can use the input example in that part of window.

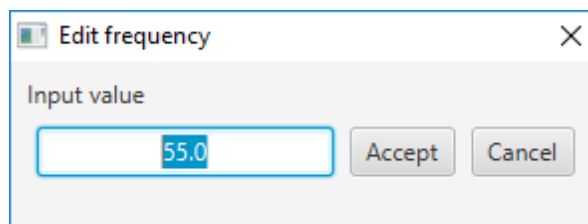
To add additional frequency to the chosen frequency on the list, input the frequency and choose **Add to frequency** command from **Add** button menu. The combination of frequencies will be sum up, for example: 22+56.

To add frequency between the existing ones set the position in the list before which this frequency will be added, input the frequency and choose **Add before selected frequency** command in the **Add** button menu.

Despite of the way to add frequencies (sequentially or in multi-frequency mode – using “+”), you can choose multi-frequencies mode while therapy complex creation in the profile, so all program frequencies will run simultaneously, others - sequentially.

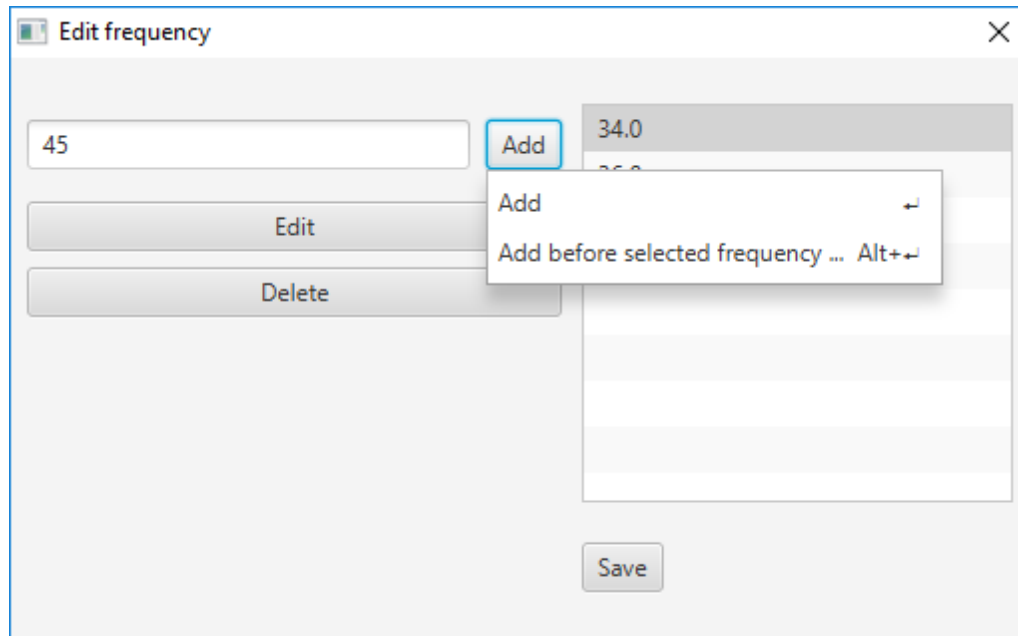
Choose frequency and click on **Delete** button to delete the frequency.

Select row by clicking on it and then on **Edit** button, or double-click on frequency to edit frequency. The Edit frequency window will be shown for the single frequency.



Change the value in the field and click on **Apply** button. **Cancel** button closes the window without saving changes.

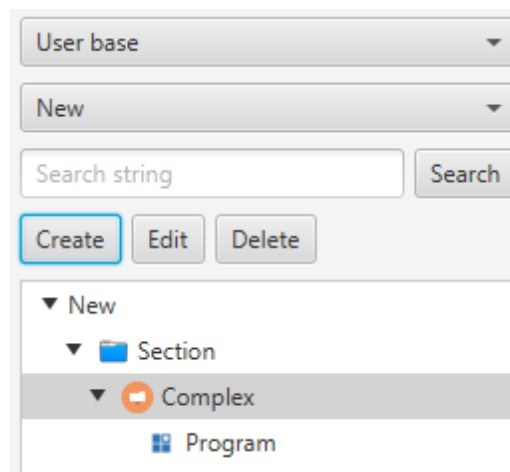
The **Edit frequencies** window will open for multi-frequencies.



It is possible to edit the frequency after selecting it in the list and clicking on **Edit** button. To delete frequency click in **Delete** button. You can add new frequency to the frequencies group (to the end of the list or before selected frequency; see more information above).

Click on **Save** button to apply changes.

Created section, complex and program will be marked by different icons.




To edit list element select the section, complex, program, and press **Edit** button.

To delete list element press **Delete** button. Nested section and complex can be either deleted or emptied, whether the program can be deleted only.

## 6. Profile creating

Profile is the named set of contacts, which can be synchronized with the device, or can run complexes container functions to detect profiles goals, if the synchronization function is not used and the files are uploading on the device by groups of complexes from one of several profiles.

The profiles are created and located on the **Profiles** tab.

Profiles (Lili) Complexes Programms			
<div> <div>Create profile</div> <div>File generation</div> <div>Upload profile </div> <div>Remove profile</div> </div>			
Nº	Profile name	Duration	File size
1	Jhon	0:10:00	0.0 Mb
2	Lili	0:00:00	0.0 Mb

To create profile press **Create profile** button. You can input the name of the new device user in the opened window and press **Apply** button:

Creation of profile


Input value

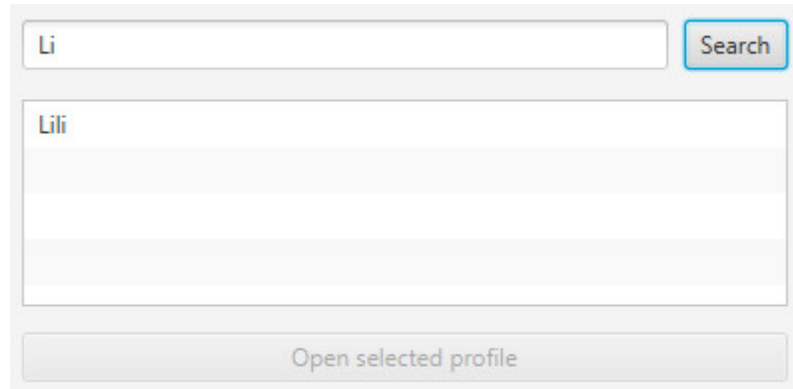
Create

Cancel

The created profile will appear in the general list in the tab (in the queue order). After clicking on that profile name it will be shown in brackets in the tab name. That feature eliminates possible mistakes while creating complexes and programs with closed **Profile** tab.

To edit the profile and change user's name double-click on it (or just click if it was selected before). To save editions press **Enter** key on the keyboard.

To delete the profile select the row and press **Delete** profile button (or **Delete** button on the keyboard). Then confirm deleting or cancel deleting clicking on **No** or **Cancel**. The deleting of the profile includes deleting of all complexes and program created by this user. If no profile is selected, the button will be inactive. If the list of profiles is big, you can use the search: click on  button, and you will see the window:



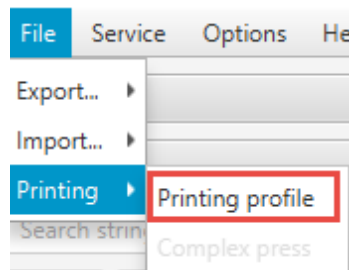
Input the name of the profile or the part of it (but not less than two characters) and click on **Search** button. In the lower part of the window you will see all users with related names.

Choose the profile you need and click on **Open selected profile** button. The **Search Profiles** window will close and the selected profile will be selected in the **Profile** tab.

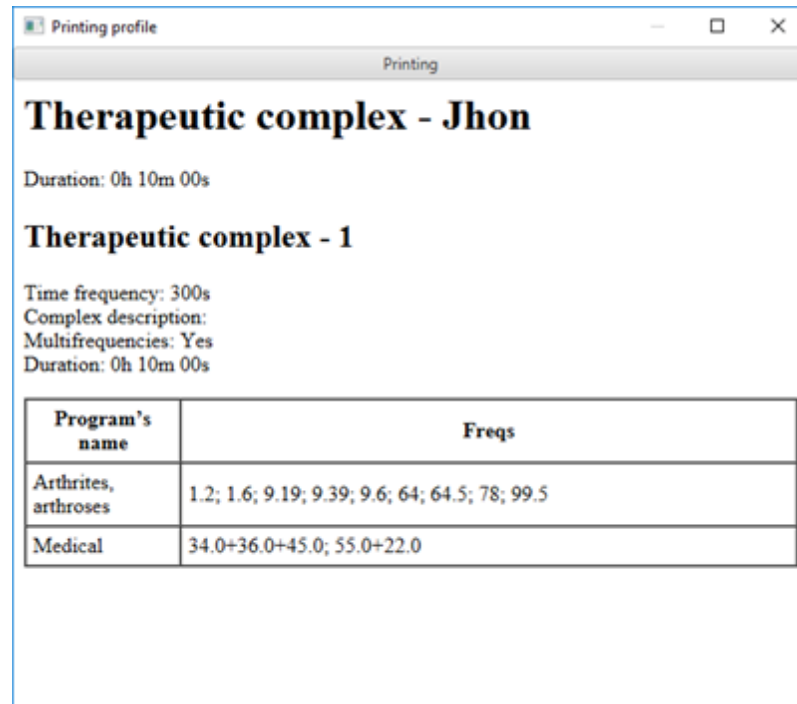
### Profile printing

You can print the profile name and its content. Before printing you have to select a profile, otherwise print button will be inactive.

In the main menu click on **File**, in the drop-down menu choose **Print -> Profile print**.



You will see the preview window. After it will be fully downloaded, you can click on **Print** button to print it.



After that, you will see system print window with printers and print options. The **OK** button will start the printing process.

## 7. Complex creating

Complex is a set of programs that user can use to treat a specific disease or to prevent them. When downloaded to the device or folder, complex is a folder with set of .bss and .txt files. The complex's files are not stored in the program folder like in the previous version, but are created in the process of uploading it to the folder/device. The complexes examples are provided in Biomedis M Air4 software in section New frequencies base – Author complexes.

The software includes ready-to-use author complexes and programs that cannot be deleted. However, you can create your own complexes and frequencies base based on them. Important: when you transfer the complex from profile to the user frequencies base, the information about frequency time and multi frequency is lost.

To create the complex you have to have at least one user profile, otherwise Complexes and Programs tabs are inactive.

The profile creating is fully described in the previous section.

Each complex is created individually for each profile, which is why you have to select the profile you need in the Profiles tab, then go to Complexes tab and click on **Create complex** button.

Input the complex name and description if needed. Click on **Save** button. The created complex will be shown in the table; its name will appear in brackets near the tab name. You can create complexes from frequencies base (see below).

<div>Profiles (Jhon) Complexes (My) Programms</div> <div> <div>Create complex Remove complexes</div> <div>Length frequencies pa... 11</div> <div>Time frequency 300</div> </div>				
Nº	Name complex	Complex description	Duration	Multifrequencies
1	1		0:10:00	<input checked="" type="checkbox"/>
2	My	summer	0:00:00	<input checked="" type="checkbox"/>

Editing complex name can be done by double-clicking on the name cell (or just by clicking if the cell was selected before) and changing the name in the field. To save changes, go to another cell or press **Enter** key on the keyboard. Editing complex description can be done by double-clicking on the description cell (or just by clicking if the cell was selected before) and changing the description in the field. To save changes, go to another cell or press **Shift+Enter** keys on the keyboard.

To delete complex select one or more complexes holding **Ctrl** or **Shift** keys on the keyboard and click on **Delete complexes** button (or **Delete** key on the keyboard). Then confirm deleting in the pop-up window or cancel deleting by clicking **No** or **Cancel**. The deleting of the complex includes deleting of all its programs. The button is inactive if no complex is selected.

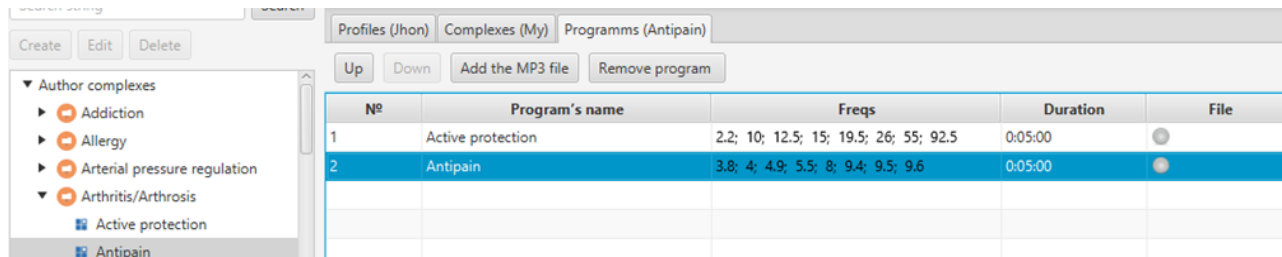
You can add programs to the newly created complex in the Programs tab.

Select the complex from the list and go to Programs tab. Until complex is selected, Programs tab

is inactive. In the empty tab Delete program, Up, Down buttons are inactive.

You can use the search to add program by searching the program in the base or opening it in the catalog. Choose the frequency in the left part of the window, and then choose the section. Open subsections to see the programs.

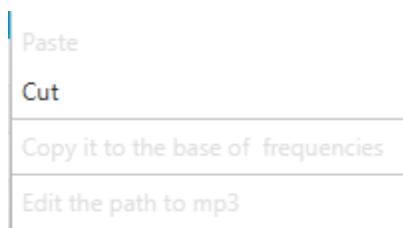
Select the program by double-clicking on it.



The selected program will be shown in the Programs tab, and its name will appear in brackets near the tab name. In the Frequencies column you can see frequencies used in the program. In the Duration column you can see the duration of the program in minutes. The File column is used to show program status: if the program file has not been generated, you see the icon ●, otherwise the icon will be ✔. For further information about file generation see next section.

Add all programs you want to add to the complex. After file generation programs will run in the same order they appear in the tab. To change that order, select the program and move it with button **Up** or **Down**.


You can also move the program using context menu commands (you can see this menu by clicking with right mouse button).



Select **Cut** command, click on the row you want to add program before and select **Paste** command, which will become active.

To delete the program from the list, select the program, click on **Delete** button (or **Delete** key on the keyboard) and confirm your actions in the pop-up window.

You can add any mp3-file to the complex. Its sound will be transmitted to the electromagnetic fluctuations and will run as the program. To do this, before you upload your profile to the device, click on **Add mp3-file** button and select the file on computer (or several files in time). You can do this in the standard **Choose file** window. After selecting the file and clicking in **Open** button the file will be downloaded to the program, the icon ✔ and the file's size will appear in the **File** column. The software

periodically inspects the paths to the files (when the program starts or selected tab or section changes): if the file was deleted from the folder or moved to another location, you will see the icon . In this case you have to edit file path using the context menu command **Edit path to mp3**.

Mp3-file deleting is similar to program deleting (the mp3-file deletes from Biomedis only, not computer file system). If several files are selected, they will run in the queue order.

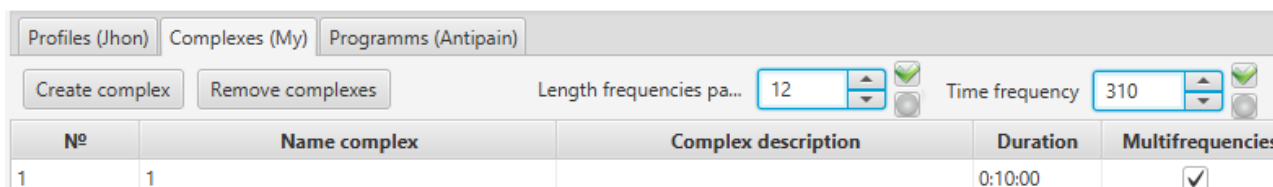
You can create complexes based on ready-to-use author complexes or your own complexes from user base.

Previously select profile. Then select complex in the base section and double-click on the name. The complex name will copy to **Complexes** tab, complex programs will copy to **Programs** tab. The **Program** tab functionality applies to copied complex programs.

After adding programs, the complex duration will be shown in the Duration column of Complex tab. The complex duration is the sum of its programs duration. You can select complex files generation mode manually in the **Multi-frequencies** column:

- If it is checked, multi-frequencies will generate;
- If it is unchecked, frequencies and multi-frequencies, if they exist in generating therapy program (if the program has “+” between frequencies), will generate sequentially..



There are additional options above the complexes list: **Length frequency pack** and **Time frequency**.



N°	Name complex	Complex description	Duration	Multifrequencies
1	1		0:10:00	<input checked="" type="checkbox"/>

**Length frequency pack** – in the multifrequency mode for the complex if the Length frequency pack is different from 1, then while generating the frequencies will be divided into groups and these groups will be done successively (with the length equal to the time spent on the frequency), and the frequencies in these groups will be done in parallel (in the mode of multifrequency).

**Time frequency** - this option allows to change duration (in seconds) of every frequency used in complex' programs. To change those parameters use your bio therapist's recommendations. Maximal duration is 1000 seconds.

To edit values use up and down arrows or input value from the keyboard. You will see buttons in the right: button  saves selected values; button  cancels saving and returns last saved value.

After changing that parameter, you have to generate all complex programs again, because their duration has changed.

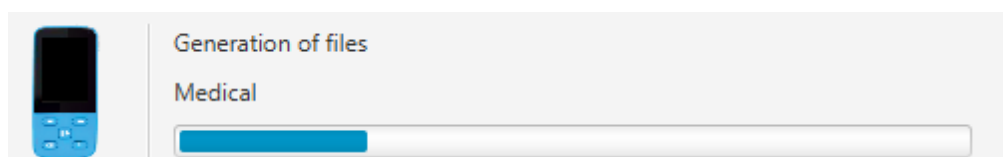
By default, you see selected complex duration; if you select several complexes, the duration changing will applied to each of them.

After creating all complexes that you want, you have to generate files to upload to the device. You can do this as for the profile in the **Profile** tab, as for some complexes in the **Complexes** tab (see further information in the next section).

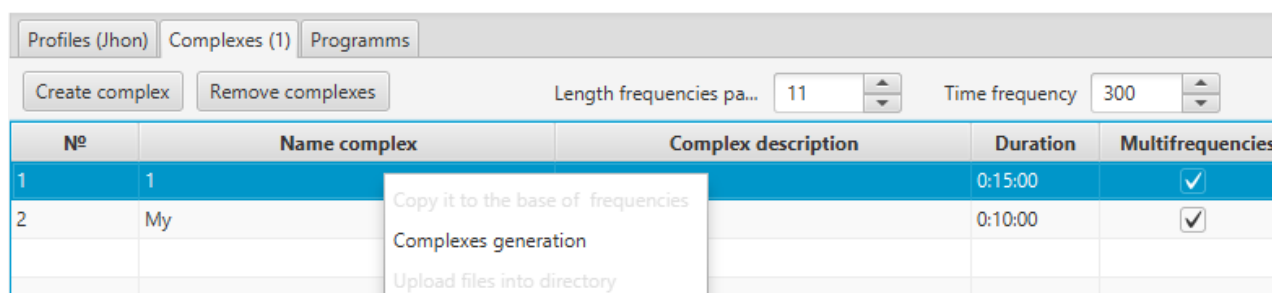
## 8. Profile files and complexes generation

You can generate all files of profile or complex separately.

After you create complexes for the profile and add programs, (see the previous section for more information about creating complexes) you can see total duration of all profile's programs in Duration column. The **Generate files** button will be active. You can launch files generating by clicking on this button, and you see the progress bar:

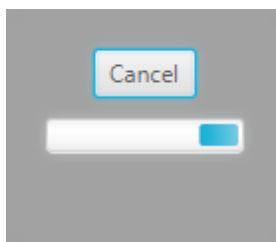




The files are stored in the program folder in the specific format, so they do not have to be used directly. To generate complexes separately you should use context menu command **Complex generation**, which you can see after clicking with mouse right button on the selected complexes in **Complexes** tab.



This command is inactive if no complexes are selected or files have already been generated.

Files and complexes generation is protected from system malfunctioning. If the program executing is interrupted by any cause, the last file generation will be canceled, so you can continue the generation next time. It means that partial generation is possible. In the process of generation, other program functions are unavailable. If you need to interrupt the generation, click on **Cancel** button in the window to the right:



The last file will be written, and then the generation stops. You can continue at any moment. When generation is finished, you can see the total size of generated file in megabytes. In the **Programs** tab, files, used in generation, are marked with  icon, and other files (that were added later or not generated) are marked with  icon.

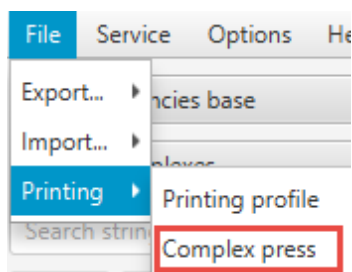
When user complexes are successfully generated and ready to be uploaded to the device, you need to upload profile or separated complexes. **Upload Profile** button is active when all profile files are generated successfully and the device is connected to the computer. The description of the uploading process see in the next section. If you select complexes contains only generated files, there is an available context menu command for uploading selected complexes to the folders.

If you need to delete generated profile files you no longer need, it is recommended to use special command from main menu **Service -> Delete generated profile files**. It deletes generated files without deleting the programs.

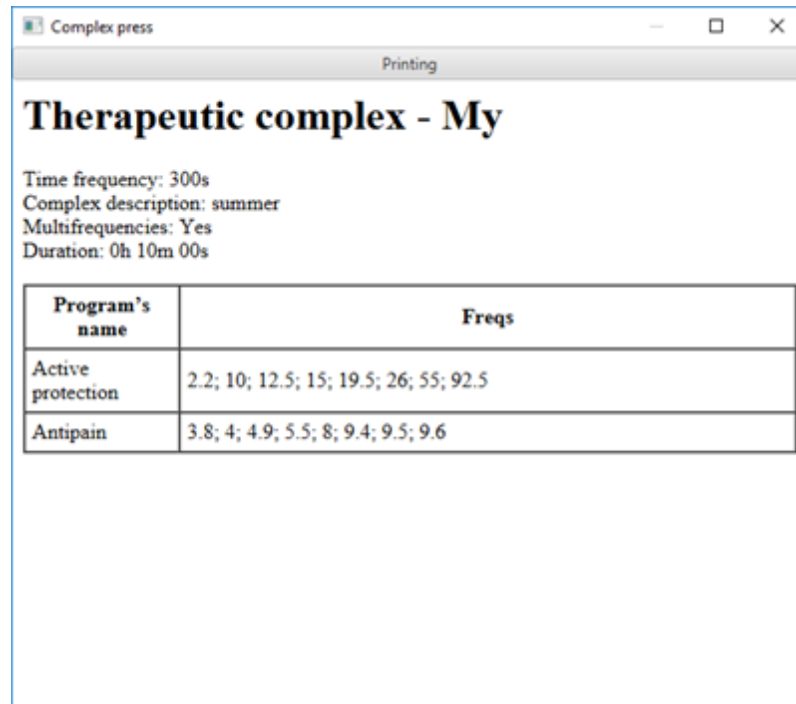
## Complex printing

You can print the name of the complex and its content. Before printing you have to select complex, otherwise **Print complex** button is inactive.

In the main menu click on **File->Print->Print complex**.



You will see the print preview window, where you can click on **Print** button after preview is shown.



After that, you will see system print window with printers and print options. The **OK** button will start the printing process.

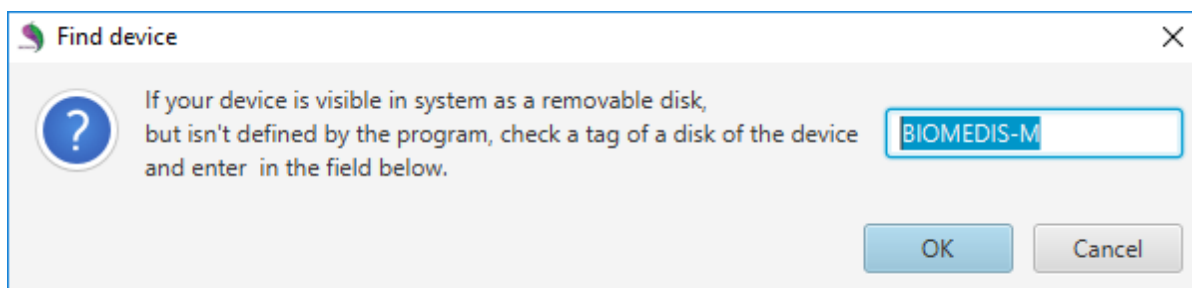
## 9. Profile/complex uploading to the device/folder

You can upload profile or the separated complexes to the device/folder.

### Profile uploading to Biomedis M device

After files have been generated, you can start uploading them to the device. Biomedis M device connects to the computer via USB cable in the following order:

1. Launch Biomedis M Air4 software.
2. Connect USB cable to the computer and to the Biomedis M device.
3. Wait for indicator to show that device is connected. If the device can be reached as removable disk, but the software doesn't show that device is connected, you need to configure connection in the **Search device** window. You can find it in the main menu, **Service->Search device**.



The software detects the device by its disk label. The disk label is the disk name, which you can see in Explorer, for example, data(D:), where data is the label of disk D. It can be created by the system by default or by user manually.

You have to copy this label to the field described above. If the label is correct, device should be detected in several seconds after OK button is pressed. All device have BIOMEDIS-M label by default, but user while formatting (occasionally or intendedly) can change it.

4. The file size is given in the program profiles table. It is recommended to compare file size and free device space before uploading a profile to avoid device's disk overflowing.

5. To upload profile to the device you should select profile, click on **Profile upload** button in the **Profiles** tab and select **Upload to the device** command from nested menu. In case program has files that need to be generated the button is inactive. If there is no uploaded profile like that, it simply uploads. Otherwise, you will see the window with the question whether you want to override or upgrade the existing one. If you choose to override, existing profile on device will be deleted, and new one – uploaded. If you choose to upgrade, changed files will override the old ones, new files will be uploaded; if the names of complexes were changed, they will be renamed.

When you are trying to upload files manually, like you are using flash memory card, the upgrade function can malfunction. In this case it is recommended to read the profile from the folder and work with this one, and not with the old one, that is no longer looks like device profile. It will require repeated files generation.

**Attention!** *The continuous device and software synchronization is only provided if you work with the profile only through the software, using Upload to the device button in the Profiles tab. If you use such functions as uploading separated complexes to the device or uploading files like to the flash memory card, be aware that it can lead to incorrect synchronization.*

If the profile you want to upload doesn't match the existing one, or the old version profile is detected, you will be asked to override the profile or to cancel the action.

6. In the process of uploading files to the device, you will see the uploading indicator in the

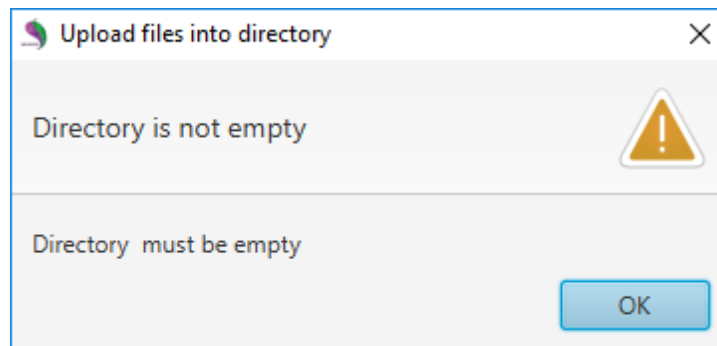
information pane on top of the window. When indicator disappears, you can disconnect the device from computer. You will see the message “Creating...” on the device’s screen. You have to wait until this message fades and the main menu shows.

In case device was formatted or all the files were deleted manually, you will see error message, telling you to disconnect the device, turn it on, wait until the main menu shows up, and then upload the profile. This security mechanism allows to prevent occasional deleting of users’ data from removable devices (in case the disk label was mistaken with the default software label). That is the way to identify the device by hidden files, that are generated by the device, when it shows “Creating...” message; you need to finish this process and wait until the main menu shows up.

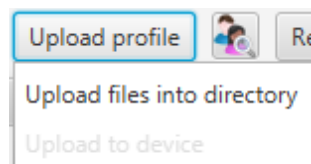
### Uploading profile to the folder

The function of uploading the profile to the folder allows to copy profile to the computer folder or device folder as information holder. That is the way to exchange information between the doctor and the patient. Also, you can export profile or complexes to a file and shared with another user, who can import them and generate in his own program. The size of exported files is small, so they can be easily shared via e-mail.

Before uploading profile to the folder you need to make sure that this folder is empty, to prevent user data from erasing, otherwise you will see the warning:



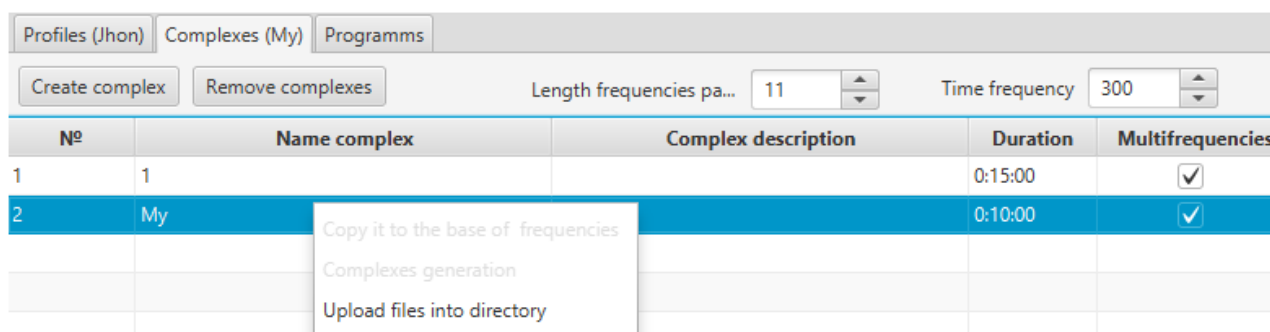
To save profile to the folder you have to select the profile, click on **Upload profile** button in the **Profile** tab and choose **Upload files into directory** menu item.



When you save profile to the device, it saves in the root directory. In this case no overriding happens, and profile saves to an empty device.

## Uploading complexes to the folder

The uploading complexes to the folder function allows to copy separated complexes to the computer folder or device. To upload complexes to the folder you should use context menu command **Upload files into directory**, which you can call by clicking with the right mouse button on selected complexes in the **Complexes** tab.



This command is inactive if no complex is selected or if selected complexes have ingenerated files. When you upload complexes to the chosen folder, you do not delete the existing files and complexes folders, but write new complexes, creating proper numeration of folders. In case of successful uploading you will see the information message:



**Attention!** Use safe disconnect commands to disconnect the device from computer. Move the mouse pointer to the connected device icon in tray, and you will see the pop-up tip “Safely Remove Hardware”. Click on that icon and select Insert command. Wait for the message “Biomedis device can be safely removed from your computer”.

## Restoration integrity of file system

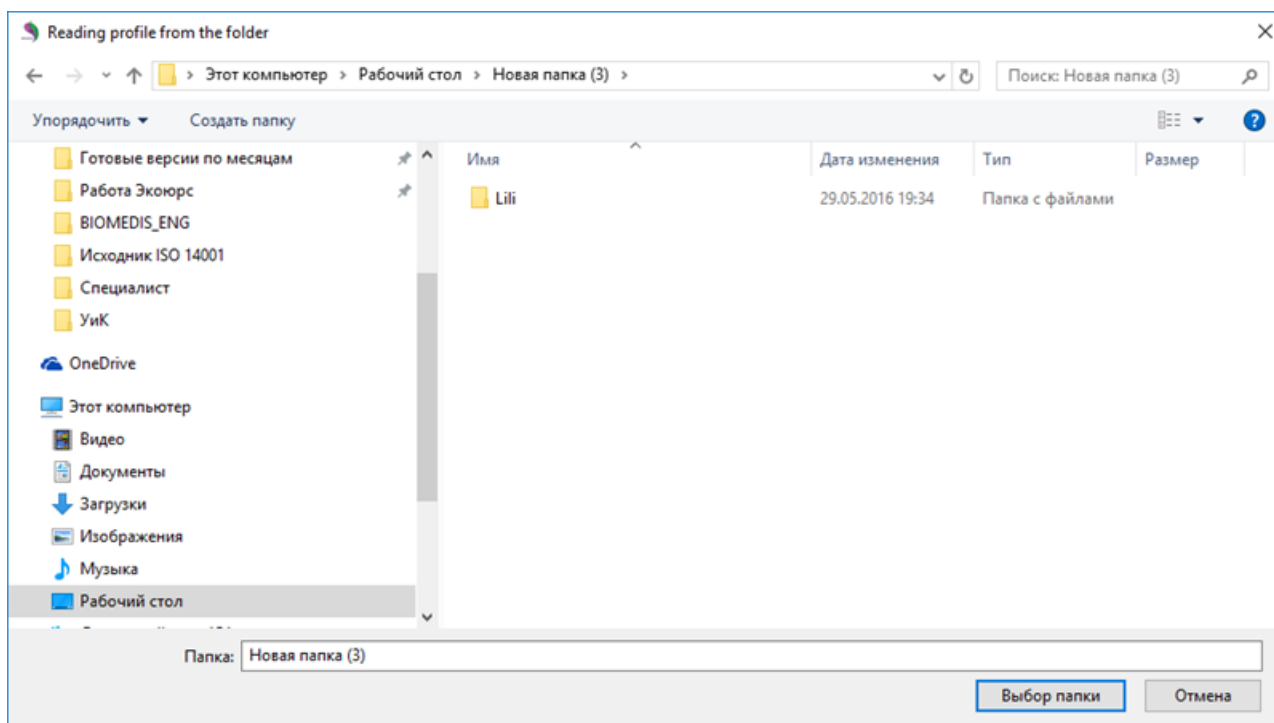
Restoration integrity of file system should be launched when uploading of generated files was suddenly interrupted (while the “Creating...” message is shown). To avoid problems with programs and complexes display on the device (they can display partially), the restoration integrity of file system should be provided by clicking on the button with the same name in the main menu, **Service**. Wait for the message about finishing restoration process. Then disconnect the device from the computer and turn it on, wait until the main menu shows up.

## 10. Reading profiles and complexes from the folder

Reading profiles and complexes function creates profile or complex structure in the tables in the right part of the window. It does not create program structure in the frequencies base.

These functions can be used for transferring profiles from previous versions' folders or from device folders.

For reading profiles from the folders you have to choose **Service->Reading profile from the folder** from the main menu. You will see the standard system open file dialog, where you should choose folder that contains profile and click on **Select folder** button.



When the profile is downloaded, its data will be shown in the table in the right part of the window in the **Profiles** tab.

To read complex from folder you need to select profile, where you want to put it, in the **Profile** tab, and then in the main menu click on **Service->Reading a complex from folder** button. You will see the standard system open file dialog, where you should choose folder that contains complex and click on **Select folder** button.

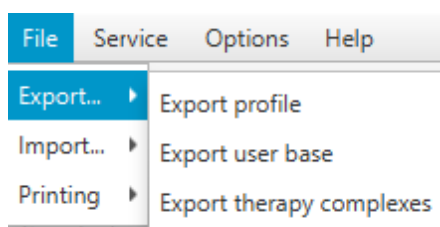
When the complex is downloaded, its data will be shown in the table in the right part of the window in the **Complexes** tab.

**Note:** In case you need to edit the profile of the user that do not have access to the computer, reading profiles and complexes functions can restore the profile or the complex in Biomedis M Air4 software from the user's folder or the root device folder, make editions, upload ready-to-use files to the user's device. The new profile on the device should overwrite the existing one.

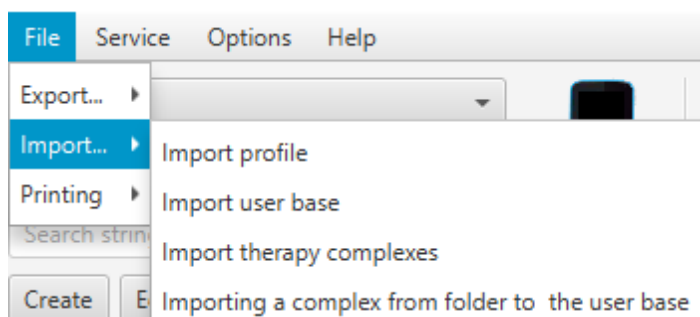
## 11. Data import and export

Data export and import functions allow Biomedis M users that have Biomedis M Air4 software, to exchange data – profiles, complexes, user bases. In the previous version of the software, exchange like that was possible only by sharing archives with complexes and profiles folders.

In the main menu click on **File->Export**. You will see the menu with some export commands:



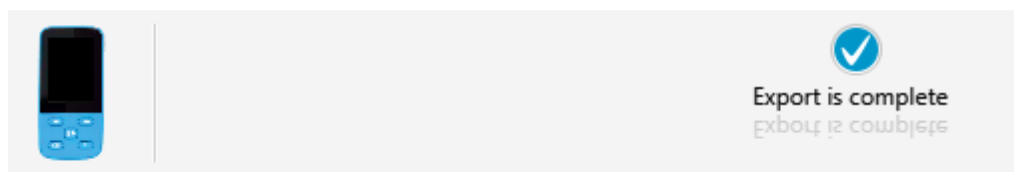
When you click on **Import**, you see drop-down menu with import commands:



### Profile import and export

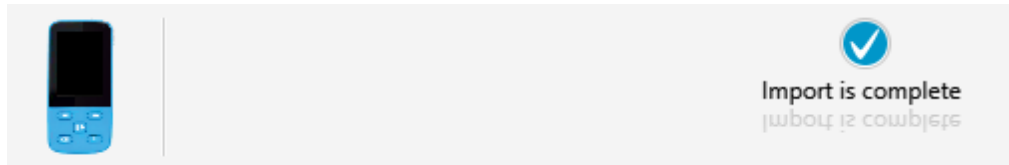
To export the whole profile (including complexes and profiles) you should select the profile in the **Profiles** tab, and then execute **Export profile** command. If no profile is selected, the button is inactive.


You will see the standard system open file dialog window. Select the path where you want to save file, then input file's name and click on **Save** button. File will be saved with .xmlp extension. If the export is successful, you will see the message:



Share the file to another user in any convenient way, for example, via Internet.

To import the profile file recipient has to open Biomedis M Air4 software on his computer and select **Import profile** button. He will see the system open file dialog, where he has to select received file and press **Open**. The profile will be imported to the **Profiles** tab, and the user will see the message:



The imported profile will have the same name it had in the file sender's software. The complexes programs will be marked with icon , before uploading them to the device you will have to generate them. If you want to transfer your profiles from the old version of software, use the import profile from folder function, choosing the folder that contains profile's complexes of the old version of software.

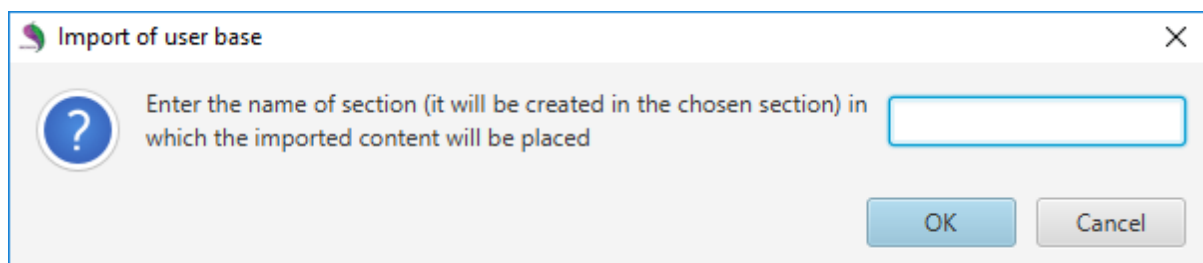
### User base export and import

You can export the whole user base or its sections (standard bases cannot be exported). To export the whole user base you should execute **Export user base** command, to export the section you should previously select the section. You will see the system save file dialog, where you have to choose a path where you want to save file, input its name and press **Save**. The file will be saved with .xmlb extension. When the export is completed you will see "Export completed" message.

Share this file with another user in any convenient way.

To import user base recipient has to select section (folder) in his user base (if not selected, received user base will be imported to the root of current user base). Then open Biomedis M Air4 software on his computer and select **Import user base** command.

You will see the window, where you should input the name of the new section, where you want to put user base:




When you press **OK**, you will see the standard system open file dialog, where you should choose folder that contains received file and press **Open**. The user base will be imported to the newly created section; you will see nested folder in it. If the export is successful, you will see the "Import is completed" message.

### Therapy complexes export and import

To export therapy complexes, firstly you should select profile in the **Profile** tab. Then go to the **Complex** tab and select the complex or hold **Ctrl** or **Shift** keys on the keyboard to select several complexes. The next step is to execute **Export therapy complexes** command.

If no complex is selected, the button is inactive. Ctrl+A command allows to select all complexes in the tab.

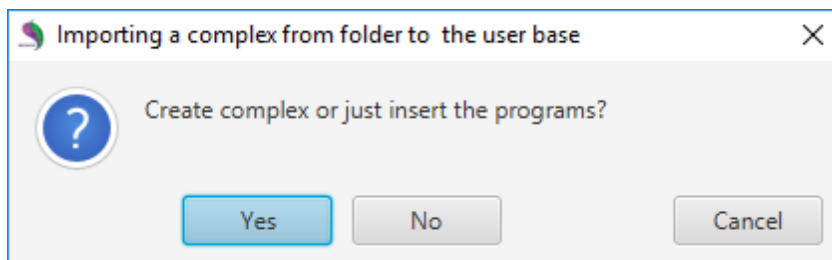
You will see the standard system open file dialog window. Choose the path where you want to save this file, input file name and click on the **Save** button. The file will be saved with .xmlc extension. If export is successful, the message “export is completed” will be displayed. You can share this file with other users in any convenient way.

To import therapy complexes the recipient has to open Biomedis M Air4 software on his computer. Then select profile on the Profile tab and execute **Import therapy complexes** command. He will see the system open file dialog. In this window user has to choose the received file and press **Open**. The complexes will be imported to the Complexes tab for current user profile. And “import is finished” message will be displayed. Complex' programs will be marked with  icon. Before uploading profile to the device, you have to generate those programs.

If complex contains the program with mp3-file, this file will not be imported.

### Complex import from folder to user base

If you want to use complex' programs or the complex more than one time, you can import exported complex to the user base instead of user profile. To do this, choose section or folder in the user base where you want to add complex. Execute **Import a complex from folder to the user base** command. It is active in Import menu after section or folder is selected. When you choose this command you will see the system dialog window with the question:



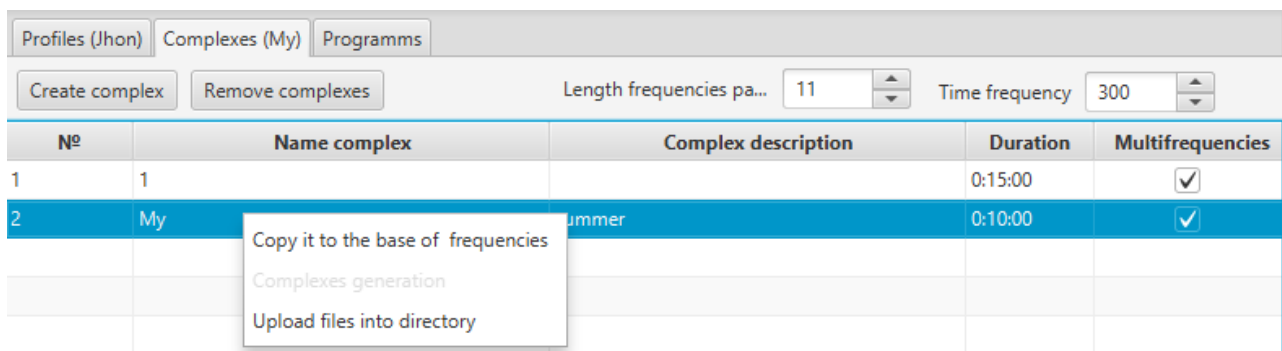
When you press **Yes**, the imported complex with it programs will be added to the specified section or a folder. When you press **No**, the only programs from this complex will be copied to the specified section or a folder. **Cancel** button closes the window without executing actions.

### Therapy programs import from previous version of Biomedis M software into the new version

To transfer user frequencies base programs from previous version of Biomedis M software, firstly you should create complex/-es from them. Then you have to select the section in the user base in the new version of software and to execute complex import from folder to user frequencies base. If you want to add complex or profile to its tabs in the right part of the window, use **Reading profile from the folder** and **Reading complex from the folder** commands.

### Copying complexes and programs from profile to user base

Complexes and programs created by user can be copied to the user base. To do this, select **User base** in frequencies bases, select the section or nested folder below. Then select profile, open **Complexes** or **Programs** tab according to what you are copying. Select one or more rows (by holding **Ctrl** or **Shift** keys on the keyboards). Then call context menu by clicking on it with right mouse button.



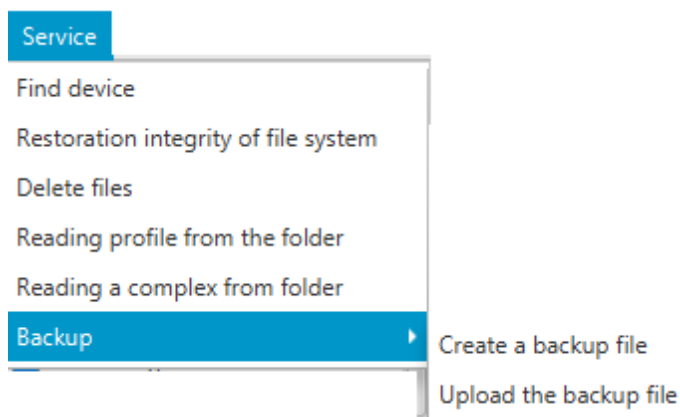
Execute **Copy in to the base of frequencies** command. The selected complex or program will be shown in the specified section or folder.

The copy command is inactive if no section is selected before.

## 12. Backup

Backup copying is designed to create copies of the user base of frequencies and profiles in cases when it is needed to reinstall the program or save the data to avoid its accidental loss.

The command **Backup** can be found in the menu of **Service** and contains the built in menu with commands **Create a backup file** and **Upload the backup file**:



To create backup copy it is needed to choose the command **Create a backup file**. The standard window of file saving will appear on the computer screen, in which it is needed to choose the place of saving and put the name of the file, after that click **Save**. The file will be saved with expansion **.brecovery**.

To download the backup copy into the program it is needed to choose the command **Upload the backup file**. The window of choosing the saved copy will appear on the computer screen, in which it is necessary to indicate the needed file and click **Open**. When downloading the copy, the data of the copy do not zap the data of the program, but are added to the existing data, herewith the user base will be copied with the original structure.

The message on the successful execution of both commands will appear in the information line.

