



PHYSIKO for Learning to Listen User's Guide

Set includes

■ Manikin

Pupillary light sensors

Speakers (Heart sounds, Lung sounds)

ECG Sensors

Speaker (Bowel sounds)

Pulse generator

Blood pressure sensor (right arm)

Pulse generator

■ Terminal Box & Peripheral Device



- ECG electrode unit
- Sphygmomanometer unit
- Terminal box
- PC
- Mouse
- Cables to connect

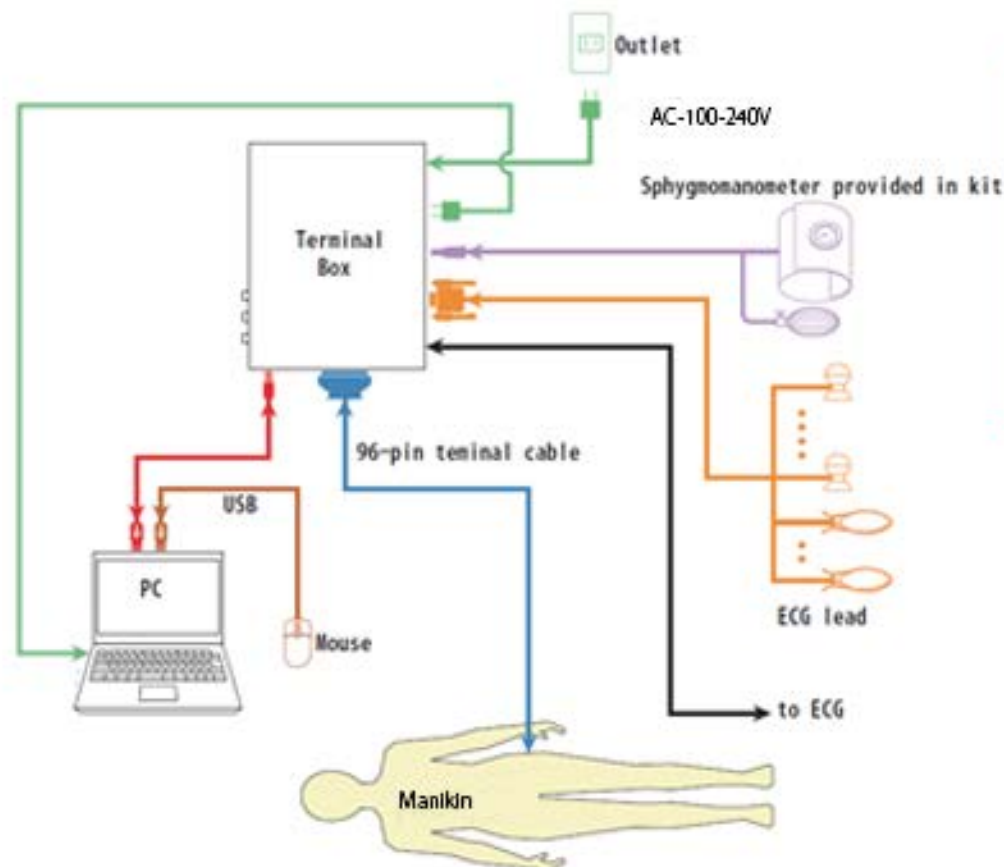


- 1) Handle the manikin carefully, like an actual patient. Excessive force or impact may damage the product or result in problems.
- 2) Don't mark on the manikin and other components with pen or leave any printed materials in contact with their surface. Ink marks of this sort will be permanent, due to pigment infiltration.
- 3) For cleaning, wipe the manikin with water or soap water. If stain persists, wipe with alcohol and when it has dried, powder the chest with talcum powder.
- 4) Store the manikin and other components away from high heat and direct sunlight.
- 5) When the manikin is stored under 50° F (10° C) for a long time, the ECG sensors may malfunction occasionally. In this case, keep the manikin at over 50° F (10° C) for a while and use the manikin after it returns to room temperature.
- 6) When the manikin is used continually for a long period of time, it may encounter occasional malfunctions from overheating. In this case, shut the system down for about 30 minutes and restart.



■ Connect each device

Connect each device according to the following instructions and diagram.

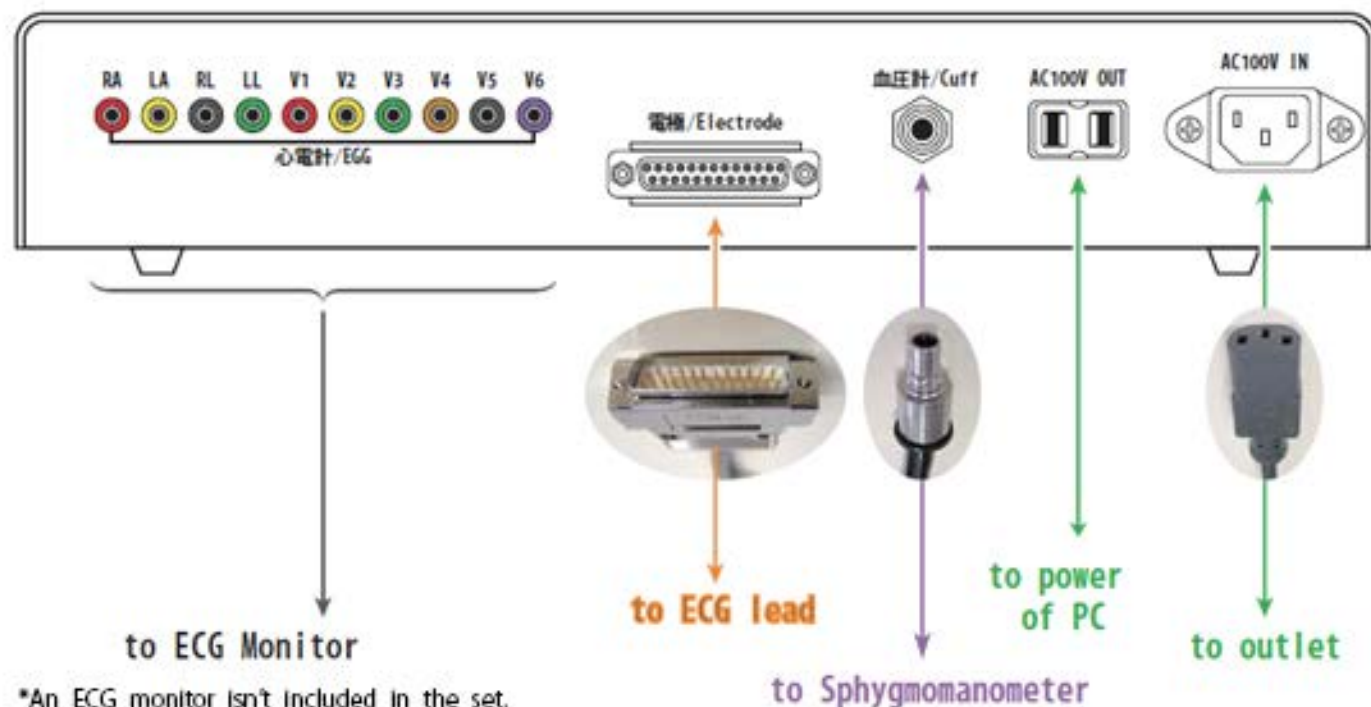


*It is possible to connect the cable "to ECG" to a personal electrocardiographic monitor, but be aware of potential damages that it may cause to the PC or terminal box.
*Your ECG monitor may possibly not be compatible with the Physiko systems.



■ Back side of the Terminal Box

Connect the corresponding cables to each section according to the figure below of the back view of the terminal box.

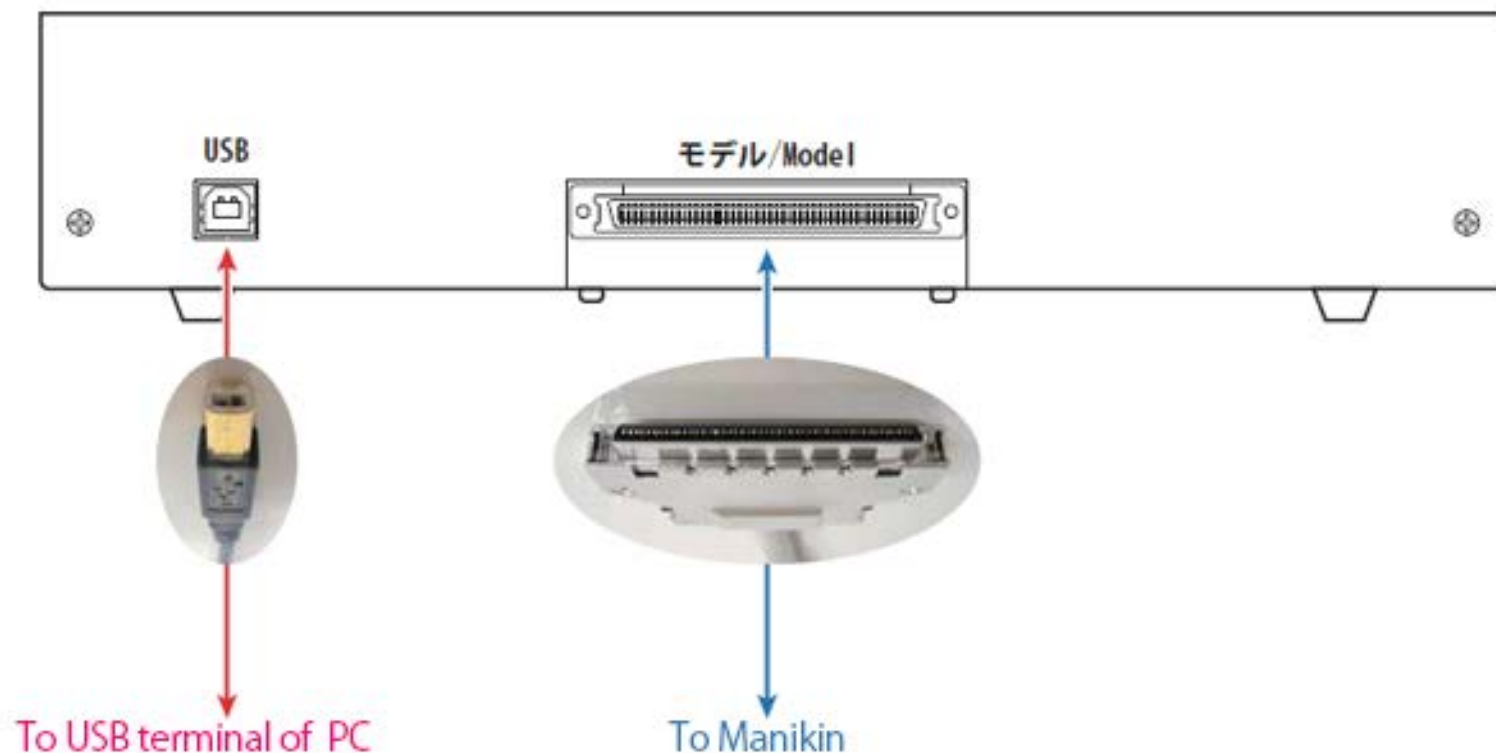


※Since it is specifically designed for the provided PC unit, please do not use the outlet of the Terminal Box for any other electronic device.



■ Side of Terminal Box

Connect each cable to suitable terminal carefully according to the figure of side of Terminal Box.



※ Since it is specifically designed for the provided PC unit, please do not use the outlet of the Terminal Box for any other electronic device.



■ Terminal side of PC

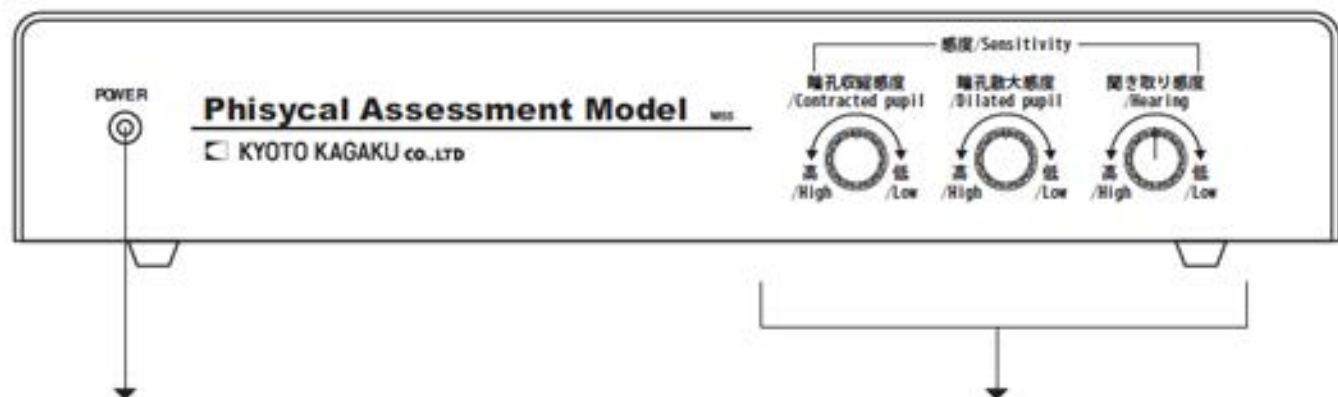
You may connect to any USB connectors of the terminal side of PC.



※ Although the location of the USB connections is subject to change according to the PC model, the properties of the connection itself do not change.



■ Front side of Terminal Box



The pilot lamp lights up when every connection is made correctly and the power of PC is turned on.

Refer to system configuration 4, 6 regarding how to adjust these adjusters.



Q: The message "Please confirm the connection with the device" has appeared on the screen.

A: Please consider the following possibilities.

1. The terminal BOX is not connected to the PC with a USB cable.

2. The power (AC 110-240V) is not supplied to Terminal Box.

*Once the connection is established, click "OK" to close the message.

(The message does not automatically disappear.)

Q: The message "It is within ○○ minutes to run out of battery" has appeared on the screen.

A: The PC is running on battery when it is from its power (AC100-240V). Connect the PC power cable to the outlet on the Terminal Box.

* The outlet of the Terminal Box is only for the PC. Please do not use it for other electronic devices.



Q: The screen has changed to Operation System (OS) mode/ The application program has frozen.

A: PC needs to be restarted.

【The screen has changed to the OS mode】

Click the "Menu (A)" icon at the bottom of screen. Choose the "Restart PC" bar on the opened menu and click "OK".

【The application program has frozen】

Press "Ctrl" key + "Alt" key + "Back space" key at simultaneously. If the screen has changed to the OS mode, restart your PC.

【The screen doesn't change to OS mode】

If you pressed "Ctrl" + "Alt" + "Back space" keys together but the screen did not change to the OS mode, press down on the power switch for more than 5 seconds to shut down the PC. Verify that the system has completely shut down, then press the power switch again to start the PC.

※ 1 The hard disk will make a small sound as it operates inside of the PC. Wait for the PC to become silent before turning it back on.

Don't shut down the PC this way after every use. If repeated, the PC may be damaged permanently. This way to shut down PC is only to be used when the application software has frozen.



Q: ECG sensors are malfunctioning.

A: When the manikin is stored under 50° F (10° C), ECG sensors might malfunction occasionally.

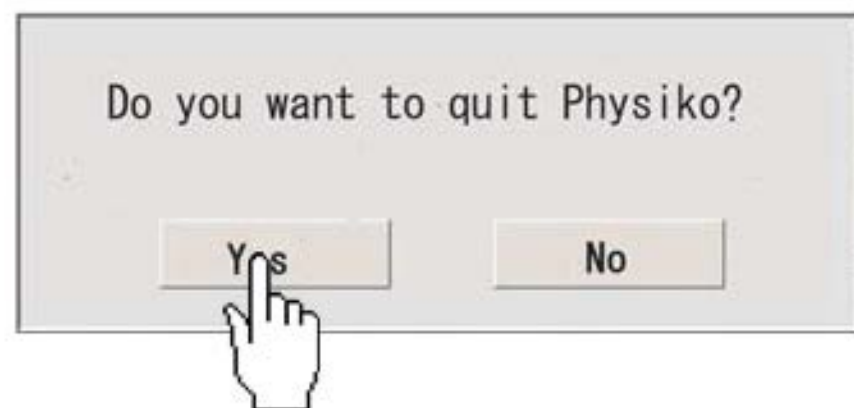
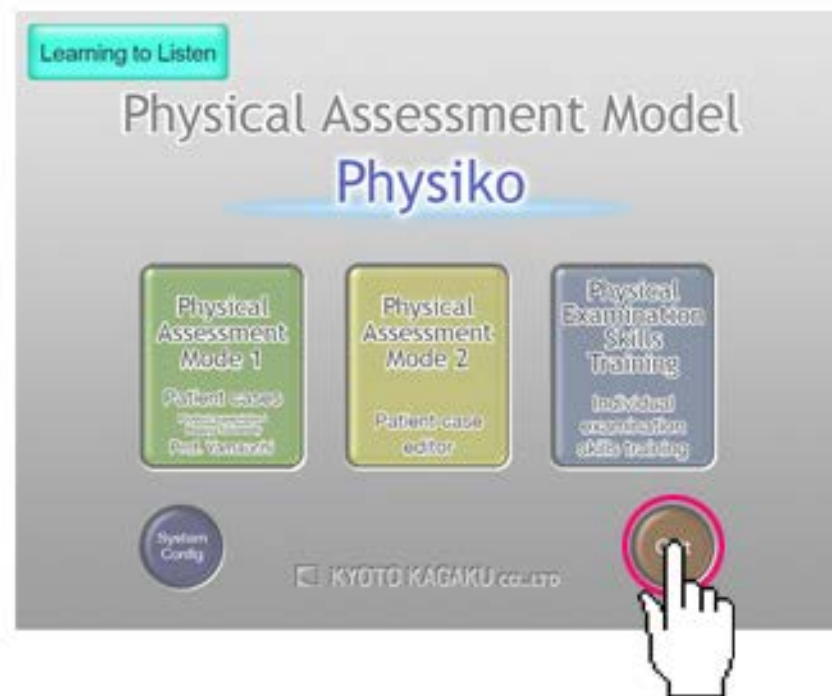
In this case, keep manikin at over 50° F (10° C) for a while and operate the system after it returns to room temperature.



How to quit Physiko

1) Click on the "Home" icon on the top right of each screen. Once the Top Menu page appears, click on "Quit" on the bottom right corner.

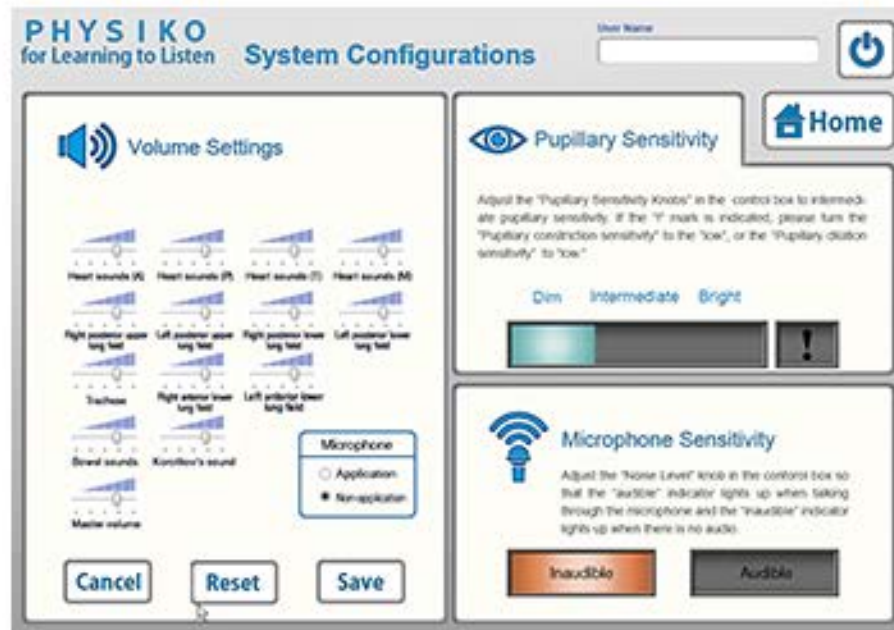
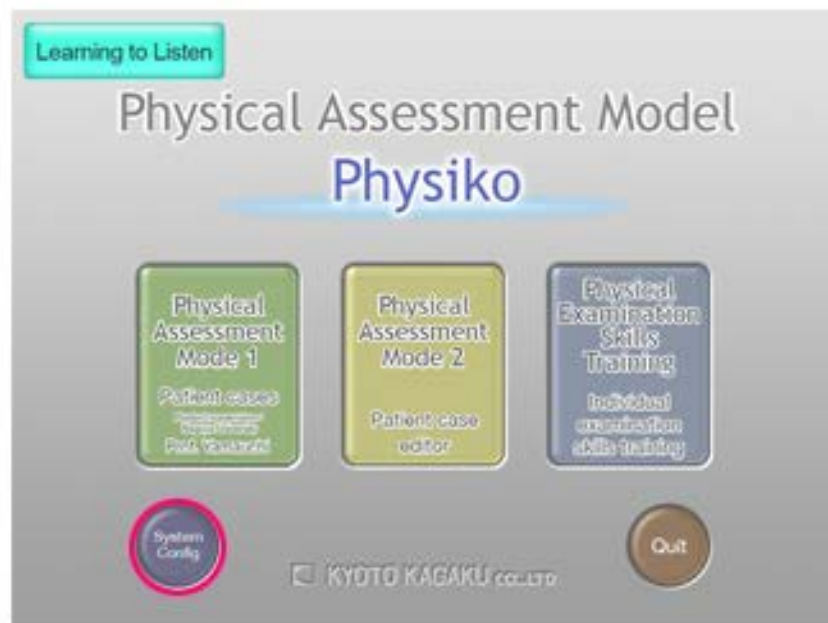
2) Click "Yes" to quit. The program ends and the PC shuts down automatically.





1) Click on the "System Configuration" button on the home screen of Physical Assessment Mode.

2) Various volume and sensitivity settings can be adjusted on this screen. When finished, click on "Home" at the top right corner of the screen.





Volume setting

The window on left can be opened by click the "Volume Set" icon. Adjust the volume on the left side of the screen.

1) Move the slider left to right to adjust each volume.
The volume becomes higher by moving it to the right.
It becomes lower by moving it to the left.

2) Click "Save" icon after changing volume setting.

3) Click on "Reset" to restore default setting.

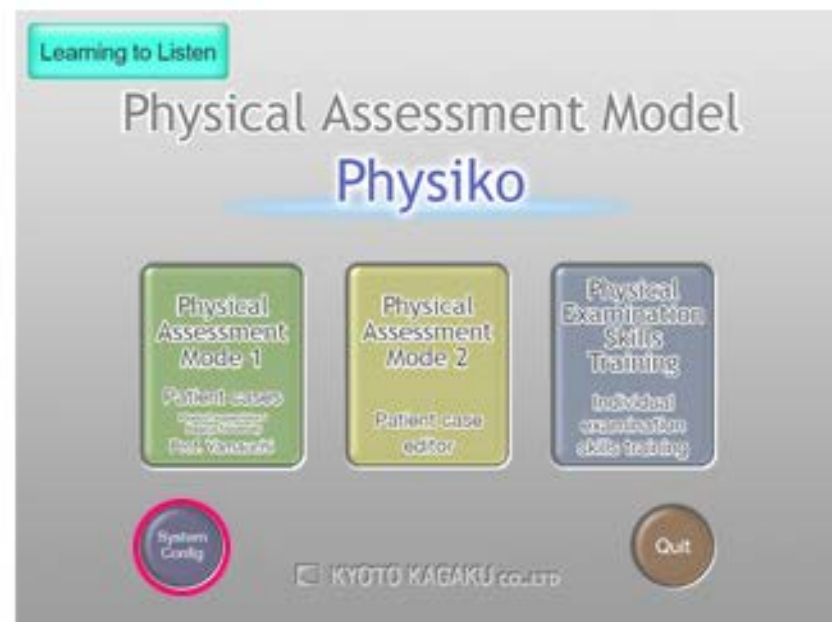
4) Click on "Cancel" to cancel your adjustments.





How to adjust the pupil light sensors 1

1) Click on the "System Configuration"-button on the home screen of Physical Assessment Mode.



2) When adjusting the pupil contraction and dilation Knobs on the Terminal Box, use this evaluation bar to set the pupillary sensitivity to the "Intermediate" range.



Pupillary Sensitivity

Adjust the "Pupillary Sensitivity Knobs" in the control box to intermediate pupillary sensitivity. If the "I" mark is indicated, please turn the "Pupillary constriction sensitivity" to the "low", or the "Pupillary dilation sensitivity" to "low."

Dim Intermediate Bright



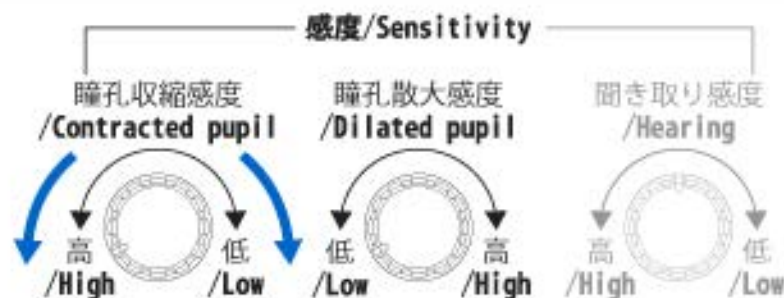


How to adjust the pupil light sensors 2

3) Sensitivity setting for pupil contraction

To increase sensitivity, turn this knob counterclockwise.
To decrease sensitivity, turn this knob clockwise.

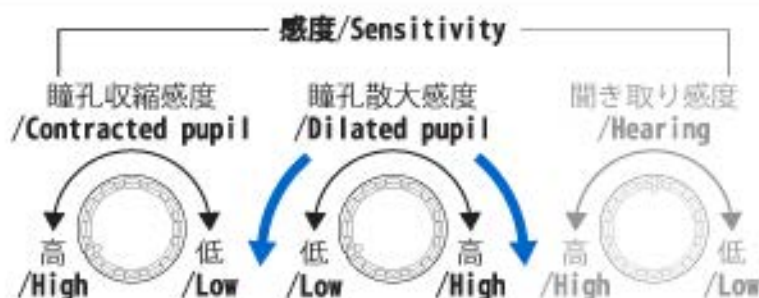
▼ Terminal Box



4) Sensitivity setting for pupil dilation

To increase sensitivity, turn this knob clockwise.
To decrease sensitivity, turn this knob counterclockwise.

▼ Terminal Box



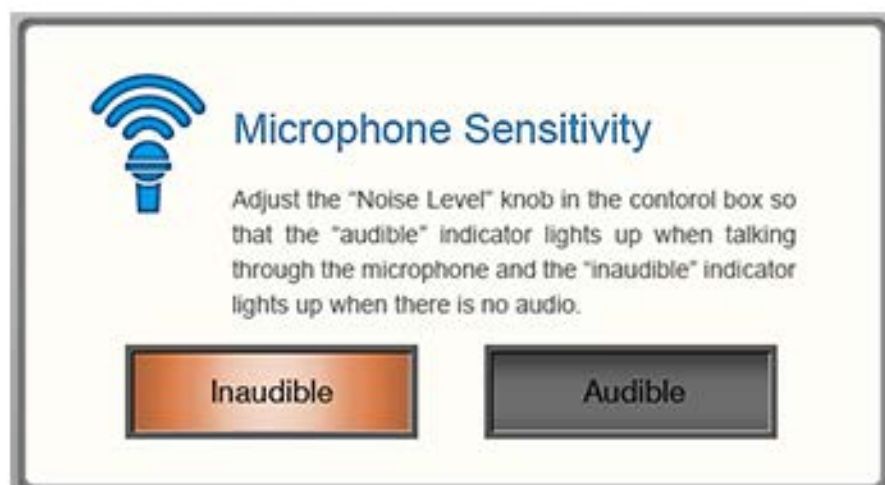
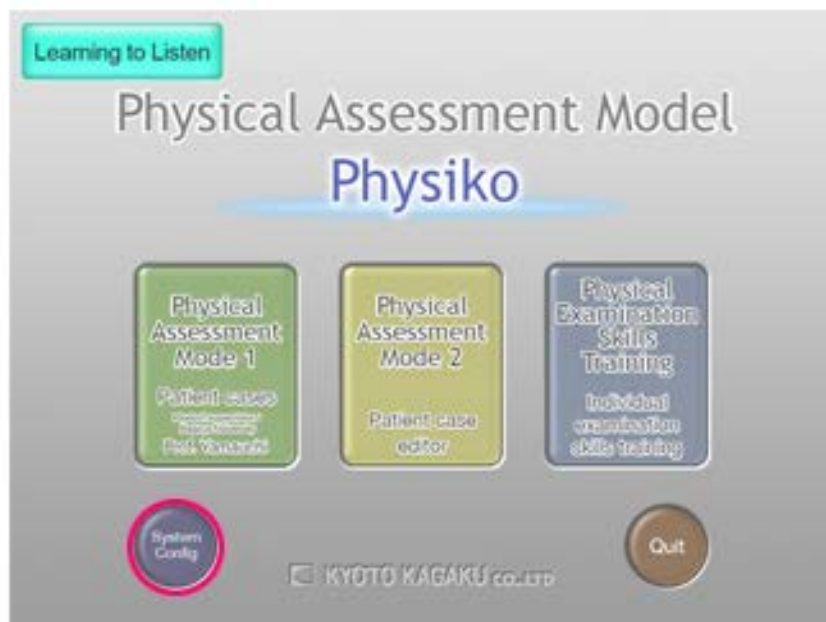
If the "!" logo lights up on the evaluation bar, this means that the surrounding light is too bright. To decrease the pupillary sensitivity, turn both knobs counterclockwise and re-adjust the sensors to a "Intermediate" range.



How to adjust the microphone sensitivity

1) Click on the "System Configuration"-button on the home screen of Physical Assessment Mode.

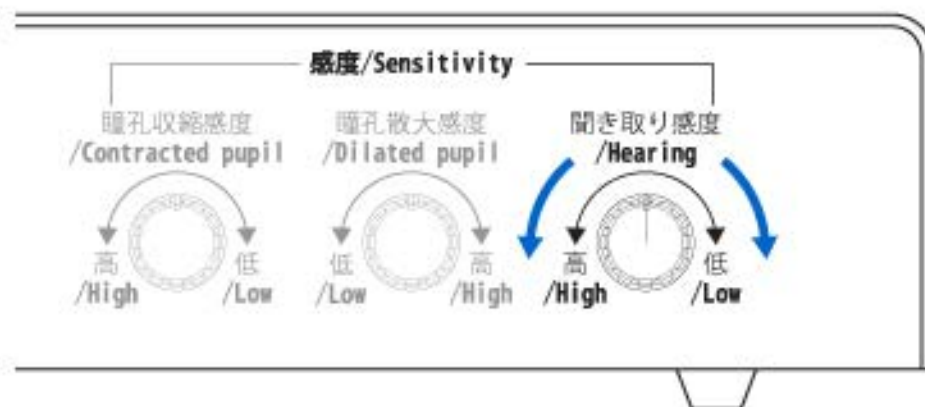
2) When adjusting the microphone sensitivity, use this evaluation section to verify its setting. The "Audible" -sign will light up when the microphone detects sound, while the "Inaudible" sign will light up when the microphone detects no sound.





How to adjust the microphone sensitivity

3) To increase sensitivity, turn this knob counterclockwise.
To decrease sensitivity, turn this knob clockwise.





"Learning to Listen" modes descriptions

"Learning to listen" has 3 modes.

Home screens of administrator mode and Instructor mode have the same layout.

Only the administrator is allowed to create Instructor accounts.

	Administrator	Instructor	Student
Browse Account Information	✓	✓	✓
User Account Management	✓ All students and instructors' accounts	✓ All students' accounts	
Make New Instructor Accounts	✓		
Heart Sound Test	✓	✓	✓
Browse Heart Sound Test Result	✓	✓ All students' results	✓ her/his own' results
Select Heart Sound Test Mode	✓	✓	
System Configuration	✓	✓	
Browse User's Guide	✓	✓	



PHYSIKO for Learning to Listen User's Guide

"Learning to Listen" screen descriptions

"Learning to listen" has 3 modes.

Both home screens of administrator mode and instructor mode are the same screen.

Only the administrator is allowed to create Instructor accounts.

Administrator mode

PHYSIKO for Learning to Listen
Project Information: University of Illinois at Chicago and Kyoto University, 2018

Heart Sound TEST RESULT
Heart Sound TEST
Physical Assessment Mode

Make New Instructor Accounts | User Account Management | System Configuration | User's Guide | Logout

Instructor mode

PHYSIKO for Learning to Listen
Project Information: University of Illinois at Chicago and Kyoto University, 2018

Heart Sound TEST RESULT
Heart Sound TEST
Physical Assessment Mode

Account Information | User Account Management | System Configuration | User's Guide | Logout

Student mode

PHYSIKO for Learning to Listen
Project Information: University of Illinois at Chicago and Kyoto University, 2018

Heart Sound TEST RESULT
Heart Sound TEST
Physical Assessment Mode

Account Information | User's Guide | Logout



It is necessary to register accounts to use "Physiko for Learning to Listen" mode.
Users can log in with an ID and password as shown below.

*No need to log in for "Physical Assessment Mode."

▼ Login screen

The screenshot shows the login interface for Physiko. At the top left, the logo 'PHYSIKO for Learning to Listen' is displayed next to the text 'KYOTO KAGAKU Project collaboration, University of Illinois at Chicago and Kyoto Kagaku Co., Ltd.'. A power button icon is in the top right corner. Below the header, there are two input fields: 'User ID' and 'Password'. To the right of these fields is a blue 'Login' button. In the bottom left corner, there is a yellow button labeled 'Physical Assessment Mode'. In the bottom right corner, there is a blue 'New User' button.



Account information of the user who is logged in can be confirmed.

1) Click "Account Information" button on the home screen.

2) The dialog is displayed as shown below.

▼ Home screen of the instructor mode



▼ Home screen of the student mode



Account Information

User ID

Kyoto

Password

●●●●●

Name

Kyoto Taro

Group

Kyoto University

Edit

Back



Confirm the account information_2

3) Account information can be changed, click "Edit" button.

Account Information

User ID: Kyoto

Password: ●●●●●

Name: Kyoto Taro

Group: Kyoto Kagaku University

Edit **Back**

2) Click the column which you want to change, type the entry and retype the password, and then click on the "OK" button.

Modifying Account

User ID: Kyoto

Password: ●●●●●

Retype password: ●●●●●

Name: Kyoto Jiro

Group: Kyoto Kagaku University

Edit your account information.

OK **Cancel**



In user account management, instructor and administrator can;

- Search
- Edit
- Delete
- Save

1) Click "User Account Management" button.

▼ Home screen

The screenshot shows the PHYSIKO Home screen. At the top, it says "PHYSIKO for Learning to Listen" and "Instructor Mode". Below this is a grid of 9 modules, each with a name and a description. The modules are:

Module 1	Module 2	Module 3
Mr. Reynolds Sinus Tachycardia	Mr. Star PVC	Kenny Star Physiologic Split S2
Mrs. Berger Atrial Fibrillation	Mrs. Moore Atrial Fibrillation	Mrs. Brown S3 Gallop
Module 4	Module 5	Module 6
Don Lee Physiologic Split S2	Mr. Opaton S3 Gallop	Mr. Valdez Mitral Regurgitation
Mr. Swiss S4 Gallop	Mrs. Ruth S4 Gallop	George Tate Innocent Murmur
Module 7	Module 8	Module 9
Mr. Drake Aortic Stenosis	Mr. Hall Aortic Stenosis	Mr. Castro Aortic Regurgitation
Bob King Innocent (Flow) Murmur	Mrs. Anderson Mitral Regurgitation	Mrs. Langdon Mitral Stenosis

On the right side of the screen, there are three large buttons: "Heart Sound TEST RESULT", "Heart Sound TEST", and "Physical Assessment Mode". At the bottom, there is a navigation bar with icons for "Account Information", "User Account Management" (highlighted with a red box), "System Configuration", and "User's Guide". A "Logout" button is also present.



2) The dialog is displayed as shown below.
Select category from the pull-down menu.

Category : ID / Password / Name / Group

▼ User account management screen

User Account Management

Pull-down menu

Search ID

ID	Password	Name	Group	Role	
1	aaa	aaa	FFF	aaa	stu11
2	aaa	aaa	aaa	aaa	stu12
3	aaa	aaa	aaa	aaa	stu23
4	test	test	test2	test2	stu25
5	ccc	ccc	ccc	ccc	stu27
6	aaa	Text	aaa	aaa	stu29
7	aaa	aaa	aaa	aaa	stu30
8	aaa	Text	aaa	aaa	stu29
9	1111	111	111	111	stu32
10	Kyoto	Kyoto	Kyoto Jiro	Kyoto University	stu33

Save Delete Return

3) Second, type in a key word for the selected category.

▼ User account management screen

User Account Management

Search ID bbb

ID	Password	Name	Group	Role	
1	aaa	aaa	FFF	aaa	stu11
2	aaa	aaa	aaa	aaa	stu12
3	aaa	aaa	aaa	aaa	stu23
4	test	test	test2	test2	stu25
5	ccc	ccc	ccc	ccc	stu27
6	aaa	Text	aaa	aaa	stu29
7	aaa	aaa	aaa	aaa	stu30
8	aaa	Text	aaa	aaa	stu29
9	1111	111	111	111	stu32
10	Kyoto	Kyoto	Kyoto Jiro	Kyoto University	stu33

Save Delete Return



Revise accounts data

ID, password, name and group accounts can be changed.

1) Search or select accounts to revise on the user account management screen.

▼ User account management screen

User Account Management

Search

ID	Password	Name	Group	Role
1	aaa	aaa	aaa	stu11
2	aaa	aaa	aaa	stu17
3	aaa	aaa	aaa	stu23
4	test	test	test2	stu25
5	ccc	ccc	ccc	stu27
6	aaa	Test	aaa	stu29
7	aaa	aaa	aaa	stu30
8	333	333	333	333/stu31
9	1111	111	111	111 stu32
10	Kyoto	Kyoto	Kyoto Jss	Kyoto University stu33

Save

Delete

Return

2) Click on a cell to revise and then enter new data. Then, click "Save" button.

▼ User account management screen

User Account Management

Search

ID	Password	Name	Group	Role
1	aaa	aaa	aaa	stu11
2	aaa	aaa	aaa	stu17
3	aaa	aaa	aaa	stu23
4	test	test	test2	stu25
5	ccc	ccc	ccc	stu27
6	aaa	Test	aaa	stu29
7	aaa	aaa	aaa	stu30
8	333		333	333/stu31
9	1111	111	111	111 stu32
10	Kyoto	Kyoto	Kyoto Jss	Kyoto University stu33

Save

Delete

Return



4) Search and select accounts to delete on the user account management screen.

▼ User account management screen

User Account Management

Search

ID	Password	Name	Group	Role
1	aaa	fff	aaa	stu11
2	aaa	aaa	aaa	stu17
3	aaa	aaa	aaa	stu23
4	test	test	test2	stu25
5	ccc	ccc	ccc	stu27
6	aaa	Test	aaa	stu29
7	aaa	aaa	aaa	stu30
8	333	333	333	333/stu31
9	1111	111	111	111/stu32
10	Kyoto	Kyoto	Kyoto Jiro	Kyoto University stu33

Save **Delete** **Return**

5) Select and click "Delete " button.

▼ User account management screen

User Account Management

Search

ID	Password	Name	Group	Role
1	aaa	fff	aaa	stu11
2	aaa	aaa	aaa	stu17
3	aaa	aaa	aaa	stu23
4	test	test	test2	stu25
5	ccc	ccc	ccc	stu27
6	aaa	Test	aaa	stu29
7	aaa	aaa	aaa	stu30
8	333	333	333	333/stu31
9	1111	111	111	111/stu32
10	Kyoto	Kyoto	Kyoto Jiro	Kyoto University stu33

Save **Delete** **Return**

[Go to the next page](#)



Delete accounts_2

4) Click "OK" button.

▼ User account management screen

User Account Management

Search ID

No.1
Do you really want to delete?

OK Cancel

Save Delete Back

★ Multiple accounts can be selected and deleted through the same procedure.

▼ User account management screen

User Account Management

Search ID

ID	Password	Name	Group	Role
1	aaa	aaa	aaa	stu11
2	aaa	aaa	aaa	stu12
3	aaa	aaa	aaa	stu13
4	test	test	test	stu15
5	ccc	ccc	ccc	stu17
6	aaa	Test	aaa	stu19
7	aaa	aaa	aaa	stu20
8	333 Ky		333	stu31
9	1111	111	111	stu32
10	Kyoto	kyoto	Kyoto Jiro	Kyoto University stu33

Save Delete Back



Make new student accounts_1

It is necessary to register accounts to be able to use "Physiko for Learning to Listen" mode.
Student accounts can be made on the login screen.

1) Click "New User" button.

2) The dialog is displayed as shown below .

▼ Login screen

PHYSIKO for Learning to Listen
Project collaboration:
University of Illinois at Chicago and Kyoto Kagaku Co., Ltd.

User ID

Password

Login

Physical Assessment Mode

New User

PHYSIKO for Learning to Listen
Project collaboration:
University of Illinois at Chicago and Kyoto Kagaku Co., Ltd.

Account Registration

User ID

Password

Retype password

Name

Group

Register Cancel

Physical Assessment Mode

New User



3) Click a blank field and type any string.
Be noted that in the following cases the registration will not be accepted.

- A blank entry field remains
- Same ID and password are already registered
- Password is different from retyped password

Account registration screen

PHYSIKO for Learning to Listen
Project collaboration: University of Illinois at Chicago and Kyoto Kagaku Co Ltd.

Account Registration

User ID: Kyoto

Password: ●●●●●

Retype password: ●●●●●

Name: Kyoto Taro

Group: Kyoto Kagaku University

Register **Cancel**

Ph Assessment Mode **New User**

4) When finished typing, click "Register" button.

PHYSIKO for Learning to Listen
Project collaboration: University of Illinois at Chicago and Kyoto Kagaku Co Ltd.

Account Registration

User ID: Kyoto

Password: ●●●●●

Retype password: ●●●●●

Name: Kyoto Taro

Group: Kyoto Kagaku University

Register **Cancel**

Ph Assessment Mode **New User**



5) If the account registration is successful, the below screen is shown.
Click the "Confirm" button.

▼ Account completion of registration screen

PHYSIKO KYOTO KAGAKU
for Learning to Listen Project collaboration: University of Illinois at Chicago and Kyoto Kagaku Co.Ltd.

Registration is completed

User ID Kyoto

Password ●●●●●

Retype password ●●●●●

Name Kyoto Taro

Affiliation Kyoto Kagaku University

Confirm

Login

Ph Assessment Mode

New User



Make new instructor accounts_1

Instructor accounts can be made on the administrator screen.
The administrator is the only account which has the ability to register Instructor accounts.

1) Login as administrator on the top screen.

2) Click "Make New Instructor Accounts" button on the home screen of the administrator mode.

▼ Home screen

PHYSIKO for Learning to Listen

KYOTO KAGAKU
Project collaboration,
University of Illinois at Chicago and Kyoto Kagaku Co Ltd

User ID

Password

Login

Physical Assessment Mode

New User

PHYSIKO for Learning to Listen

KYOTO KAGAKU
Project collaboration,
University of Illinois at Chicago and Kyoto Kagaku Co Ltd

User ID: Administrator

Administrator Mode

Mr Reyes Sinus Tachycardia Module 1 Mrs Berger Atrial Fibrillation	Mr Star PVC Module 2 Mrs Moore Atrial Fibrillation	Kenney Star Physiologic Split S2 Module 3 Mrs Simpson S3 Gallop
Don Lee Physiologic Split S2 Module 4 Mr Swins S4 Gallop	Mr Coston S3 Gallop Module 5 Mrs Ruth S4 Gallop	Mr Valsey Mitral Regurgitation Module 6 George Tate Innocent Murmur
Mr Drake Aortic Stenosis Module 7 Bob King Innocent (Flow) Murmur	Mr Hale Aortic Stenosis Module 8 Mrs Anderson Mitral Regurgitation	Mr Castro Aortic Regurgitation Module 9 Mrs Langdon Mitral Stenosis

Heart Sound TEST RESULT

Heart Sound TEST

Physical Assessment Mode

Heart Sound Test Mode
☐ Formative Mode
☒ Summative Mode

Make New Instructor Accounts

User Account Management

System Configuration

User's Guide

Logout



3) The dialog is displayed as shown below .

4) Click a blank field and type any string.
Be noted that in the following cases the registration will not be accepted.

A blank entry field remains
Same ID and password are already registered
Password is different from retyped password

Account registration screen

The screenshot shows the 'Account Registration' dialog box within the PHYSIKO application. The dialog has a title bar with the PHYSIKO logo and 'Kyoto Kagaku Co. Ltd.' on the left, and 'User ID' and 'Administer' on the right. The main area contains six input fields: 'User ID', 'Password', 'Retype password', 'Name', and 'Group'. The 'Retype password' field is highlighted with a green border. At the bottom are 'Register' and 'Cancel' buttons. The background application window shows a sidebar with 'Sinus', 'Atrio', 'Physik', 'S', 'Aor', and 'Innocent' buttons, and a bottom menu with 'Make New Instructor Accounts', 'User Account Management', 'System Configuration', 'User's Guide', and 'Logout'.

The screenshot shows the 'Account Registration' dialog box with the following data entered: 'User ID' is 'Test Instructor', 'Password' is masked with three dots, 'Retype password' is masked with three dots, 'Name' is 'Test Instructor', and 'Group' is 'Kyoto University'. The 'Retype password' field is highlighted with a green border. The 'Register' and 'Cancel' buttons are at the bottom. The background application window is identical to the previous screenshot.



5) When finished typing, click the "Register"- button.

The screenshot shows the 'Account Registration' dialog box. It contains the following fields and values:

- User ID: Test Instructor
- Password: [masked with three dots]
- Retype password: [masked with three dots]
- Name: Test Instructor
- Group: Kyoto University

At the bottom of the dialog are two buttons: 'Register' and 'Cancel'. The background interface includes a sidebar with menu items like 'Sinus', 'Atr', 'Physik', 'Acc', and 'Inno'. The top bar shows 'PHYSIKO for Learning to Listen' and 'KYOTO KAGAKU'. The bottom bar has icons for 'Make New Instructor Accounts', 'User Account Management', 'System Configuration', 'User's Guide', and a 'Logout' button.

6) If the registration was successful, the below screen is shown.
Click the "Confirm"- button.

▼ Account completion of registration screen

The screenshot shows the 'Registration is completed' dialog box. It displays the following information:

- User ID: Test Instructor
- Password: [masked with three dots]
- Retype password: [masked with three dots]
- Name: Test Instructor
- Affiliation: Kyoto University

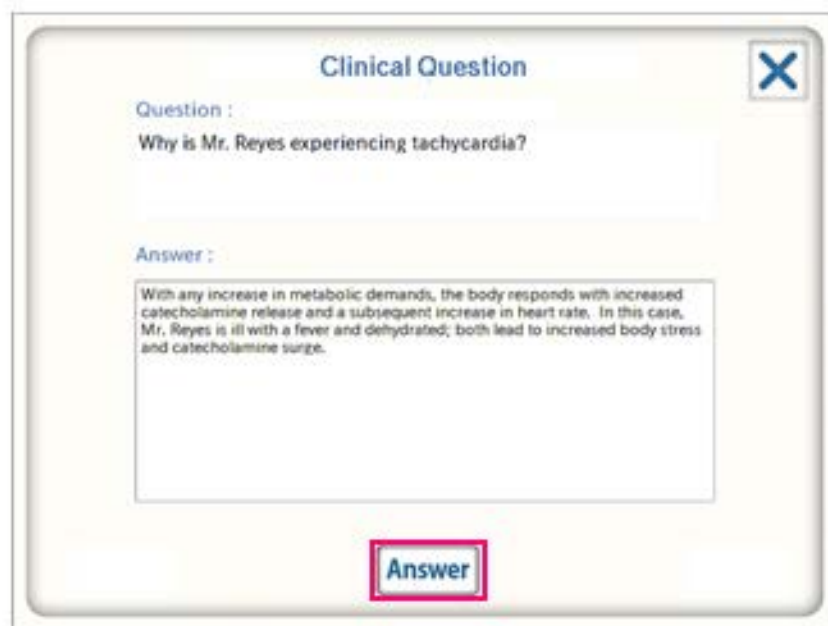
A single 'Confirm' button is located at the bottom right of the dialog. The background interface is identical to the previous screenshot, showing the same sidebar, top bar, and bottom navigation bar.



"Clinical Questions" provides knowledge about the case or descriptions of the selected patient.

1) Click "QA" button to display the clinical question and answer.

2) Click "Answer" button to display the answer to the clinical question.





3) When there are two or more questions, click the "Next" button to display the next question.

Clinical Question

Question :

Why is Mrs. Berger having palpitations?

Answer :

Answer

Next



1) The history of all the students can be reviewed in instructor mode. Double click on the ID that you want to review and the history of that student will be displayed.

PHYSIKO
for Learning to Listen
Instructor Mode

Heart Sound Test Results

User Name:

[Export This List](#) [Export All Data](#) [Home](#)

Search:

ID	First	Last	Group	Last Result
1	John	123	123	Module 1, 10%, 05/01/2014 13:07:02
2	Change	123	123	Module 1, 0%, 05/01/2014 13:04:20
3	123	123	123	Module 1, 40%, 04/01/2013 13:13:32
4	123	123	123	Module 1, 10%, 10/11/2013 13:40:54
5	123	123	123	Module 1, 10%, 01/07/2014 14:57:58
6	123	123	123	Module 1, 0%, 05/01/2014 17:48:59
7	123	123	123	123 Test Result
8	123	123	123	Module 1, 10%, 05/01/2014 19:11:19
9	123	123	123	123 Test Result
10	Teacher	Teacher	Teacher	Module 1, 10%, 05/02/2014 11:05:40
11	123	123	123	123 Test Result
12	123	123	123	123 Test Result
13	123	123	123	123 Test Result



Review history in the instructor mode_2

2) If you would like to review the history of another module, select a different module from the pull-down menu. *User can only select one module.

3) The history of the selected module will be displayed.

[illegible]

PHYSIKO

for Learning to Listen

Instructor Mode

Heart Sound Test Results

User Name

ID qqq

Name FFF

Group qqq

Back

Home

Module

All

Sort

Time

Detail

Date

Module	Date	Accuracy Rate
285 Module1	05/08/2014 19:13:40	100%
282 Module1	05/08/2014 16:05:05	100%
281 Module1	05/01/2014 17:27:46	100%
280 Module1	04/03/2014 16:02:44	100%
279 Module1	07/05/2014 16:02:22	100%
278 Module1	07/02/2014 16:00:21	100%
277 Module1	07/02/2014 16:00:42	100%
276 Module1	07/16/2014 12:00:33	100%
275 Module1	07/07/2014 14:08:22	100%
274 Module1	10/02/2013 16:02:40	100%
273 Module1	10/02/2013 16:02:47	100%
272 Module1	10/01/2013 12:03:57	100%
271 Module1	10/01/2013 12:08:02	100%
270 Module1	10/01/2013 11:04:03	100%
269 Module1	10/01/2013 11:05:22	100%
268 Module1	08/30/2013 12:26:19	100%
267 Module1	09/30/2013 12:21:59	100%
266 Module1	09/05/2013 08:56:21	100%
265 Module1	09/01/2013 16:04:19	100%



PHYSIKO for Learning to Listen User's Guide

Review history in the instructor mode_3

4) Users may sort the result by selecting a category (e.g. "Date" or "Accuracy Rate") from the pull down menu.

5) To review the details of each test in the module history, double click on the line. Details such as the correct answer, your answer and the result will be displayed.

The screenshot shows the 'Heart Sound Test Results' page in 'Instructor Mode'. At the top, there's a header with the PHYSIKO logo and a 'User Name' field. Below the header, there are fields for 'ID', 'Name', and 'Group', each with a dropdown menu. To the right of these fields are 'Back' and 'Home' buttons. A 'Module' dropdown menu is set to 'All'. A 'Sort' dropdown menu is open, showing options: 'Date', 'Accuracy Rate', and 'Correct Answer'. The main table displays a list of test results with columns for 'Module', 'Date', and 'Accuracy Rate'. The table is sorted by 'Date' in descending order. The first row shows a test on 05/08/2014 at 19:19:40 with an accuracy rate of 0%.

Module	Date	Accuracy Rate
281 Module1	05/08/2014 19:19:40	0%
282 Module1	05/08/2014 18:08:15	20%
281 Module1	05/07/2014 17:07:48	0%
280 Module1	04/23/2014 16:02:44	20%
279 Module1	01/20/2014 16:02:22	20%
278 Module1	01/20/2014 16:00:21	0%
277 Module1	01/16/2014 16:00:42	0%
276 Module1	01/14/2014 12:00:33	20%
275 Module1	01/07/2014 14:18:22	20%
274 Module1	10/02/2013 10:29:43	0%
273 Module1	10/02/2013 10:12:47	0%
272 Module1	10/01/2013 12:13:07	0%
271 Module1	10/01/2013 12:08:02	0%
270 Module1	10/01/2013 11:18:03	0%
269 Module1	10/01/2013 11:18:22	0%
268 Module1	08/10/2013 12:24:14	10%
267 Module1	08/10/2013 12:22:54	0%
266 Module1	08/25/2013 08:04:21	0%
265 Module1	08/12/2013 10:24:09	0%

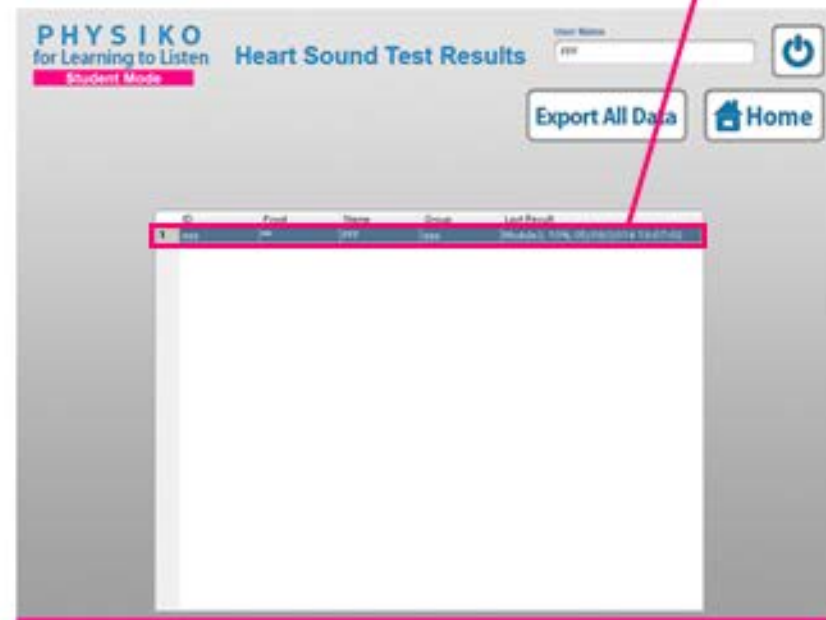
The screenshot shows the 'Heart Sound Test Results' page in 'Instructor Mode'. The 'Sort' dropdown menu is set to 'Date'. The main table displays a list of test results. The row for '278 Module1' on 01/20/2014 at 16:00:21 is highlighted. To the right of the table, a 'Detail' section is visible, showing a table with columns: 'Correct Answer', 'Student Answer', and 'Result'. The 'Detail' table shows the results for the selected test.

Correct Answer	Student Answer	Result
1. Normal	Normal	✓
2. S3 heart failure	Normal	✗
3. S3 heart failure	Normal	✗
4. Aortic Regurgitation	Normal	✗
5. Normal	Normal	✓
6. Aortic Regurgitation	Normal	✗
7. Normal	Normal	✓
8. S3 heart failure	Normal	✗
9. S3 heart failure	Normal	✗
10. Aortic Regurgitation	Normal	✗



1) Click on the "Heart Sound TEST RESULT" -button on the home screen to review the history of previous heart sound tests.

2) Then the display will open as shown below. Your ID, Password, Name, Group and Last Result will be displayed. "Last Result" is your most recent result. Double-click on the line surrounded with red line.





3) If you double click on the row shown in red, the list of all results will be displayed, as shown below.

Narrowing-down the results

1) If you would like to review the history of another module, select a different module from the pull-down menu. *User can only select one module.

PHYSIKO for Learning to Listen Student Mode Heart Sound Test Results

User Name: [input] [Power Icon]

[Back] [Home]

Module: All

Sort: Date

Module	Date	Accuracy Rate
Module1	05/05/2014 10:19:40	10%
Module1	05/05/2014 10:05:16	20%
Module1	05/05/2014 11:27:48	0%
Module1	04/23/2014 16:32:44	20%
Module1	05/20/2014 16:02:22	30%
Module1	05/20/2014 16:05:21	0%
Module1	05/16/2014 19:50:42	0%
Module1	05/14/2014 12:02:31	20%
Module1	05/07/2014 16:16:22	30%
Module1	10/05/2013 10:29:43	0%
Module1	10/05/2013 10:12:47	0%
Module1	10/05/2013 12:13:57	0%
Module1	10/05/2013 12:08:02	0%
Module1	10/05/2013 11:16:03	0%
Module1	10/05/2013 11:15:22	0%
Module1	09/30/2013 12:24:14	10%
Module1	09/30/2013 12:23:54	0%
Module1	09/25/2013 08:56:21	0%
Module1	09/17/2013 10:24:59	0%

PHYSIKO for Learning to Listen Student Mode Heart Sound Test Results

User Name: [input] [Power Icon]

[Back] [Home]

Module: All

Sort: Date

Module	Date	Accuracy Rate
Module1	05/05/2014 10:19:40	10%
Module1	05/05/2014 10:05:16	20%
Module1	05/05/2014 11:27:48	0%
Module1	04/23/2014 16:32:44	20%
Module1	05/20/2014 16:02:22	30%
Module1	05/20/2014 16:05:21	0%
Module1	05/16/2014 19:50:42	0%
Module1	05/14/2014 12:02:31	20%
Module1	05/07/2014 16:16:22	30%
Module1	10/05/2013 10:29:43	0%
Module1	10/05/2013 10:12:47	0%
Module1	10/05/2013 12:13:57	0%
Module1	10/05/2013 12:08:02	0%
Module1	10/05/2013 11:16:03	0%
Module1	10/05/2013 11:15:22	0%
Module1	09/30/2013 12:24:14	10%
Module1	09/30/2013 12:23:54	0%
Module1	09/25/2013 08:56:21	0%
Module1	09/17/2013 10:24:59	0%



2) The history of the selected module will be displayed.

3) To review the details of each test in the module history, double click on the line. Details such as the correct answer, your answer and the result will be displayed.

PHYSIKO
for Learning to Listen
Student Mode

Heart Sound Test Results

User Name:

[Back](#) [Home](#)

Module:

Sort:

Module	Date	Accuracy Rate
21	Module1	05/08/2014 10:19:49 10%
20	Module1	05/08/2014 10:05:15 20%
19	Module1	05/01/2014 17:07:48 0%
18	Module1	04/23/2014 16:33:44 20%
17	Module1	01/20/2014 16:02:22 30%
16	Module1	01/20/2014 16:00:21 0%
15	Module1	01/14/2014 16:00:42 0%
14	Module1	01/14/2014 12:02:33 20%
13	Module1	01/07/2014 14:18:22 30%
12	Module1	10/02/2013 10:29:43 0%
11	Module1	10/02/2013 10:12:47 0%
10	Module1	10/01/2013 12:13:57 0%
9	Module1	10/01/2013 12:08:02 0%
8	Module1	10/01/2013 11:16:00 0%
7	Module1	10/01/2013 11:15:22 0%
6	Module1	08/30/2013 12:24:14 10%
5	Module1	08/30/2013 12:23:58 0%
4	Module1	08/25/2013 08:54:21 0%
3	Module1	08/12/2013 10:24:19 0%

PHYSIKO
for Learning to Listen
Student Mode

Heart Sound Test Results

User Name:

[Back](#) [Home](#)

Module:

Sort:

Detail:

Module	Date	Accuracy Rate
21	Module1	05/08/2014 10:19:49 10%
20	Module1	05/08/2014 10:05:15 20%
19	Module1	05/01/2014 17:07:48 0%
18	Module1	04/23/2014 16:33:44 20%
17	Module1	01/20/2014 16:02:22 30%
16	Module1	01/20/2014 16:00:21 0%
15	Module1	01/14/2014 16:00:42 0%
14	Module1	01/14/2014 12:02:33 20%
13	Module1	01/07/2014 14:18:22 30%
12	Module1	10/02/2013 10:29:43 0%
11	Module1	10/02/2013 10:12:47 0%
10	Module1	10/01/2013 12:13:57 0%
9	Module1	10/01/2013 12:08:02 0%
8	Module1	10/01/2013 11:16:00 0%
7	Module1	10/01/2013 11:15:22 0%
6	Module1	08/30/2013 12:24:14 10%
5	Module1	08/30/2013 12:23:58 0%
4	Module1	08/25/2013 08:54:21 0%
3	Module1	08/12/2013 10:24:19 0%

Correct Answer	Student Answer	Result
1. Normal	Normal	✓
2. Diastolic dysfunction	Normal	✗
3. Diastolic dysfunction	Normal	✗
4. Atrial fibrillation	Normal	✗
5. Normal	Normal	✓
6. Atrial fibrillation	Normal	✗
7. Atrial fibrillation	Normal	✗
8. Normal	Normal	✓
9. Diastolic dysfunction	Normal	✗
10. Atrial fibrillation	Normal	✗



Review history in the student mode_4

4) Users may sort the result by selecting a category, (e.g. "Date" or "Accuracy Rate"), from the pull down menu.

PHYSIKO
for Learning to Listen

Heart Sound Test Results

Student Mode

User Name:

[Back](#) [Home](#)

Module:

Sort: Date:

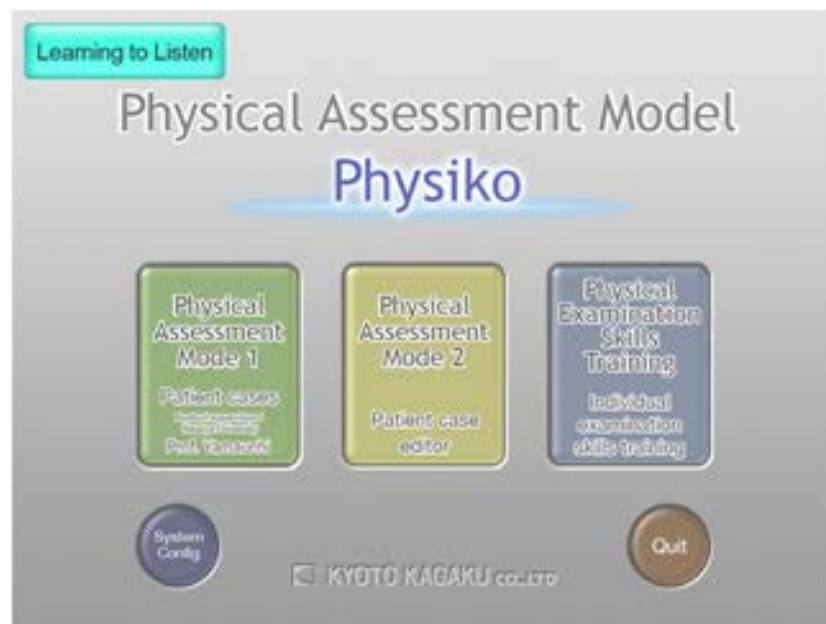
Module	Date	Accuracy Rate
282 (Module)	05/08/2014 19:18:40	0%
282 (Module)	05/08/2014 18:05:15	0%
281 (Module)	05/01/2014 17:27:48	0%
280 (Module)	04/23/2014 16:52:44	0%
279 (Module)	01/30/2014 16:50:22	0%
279 (Module)	01/20/2014 16:00:27	0%
277 (Module)	01/14/2014 13:50:40	0%
276 (Module)	01/14/2014 12:50:31	0%
275 (Module)	01/07/2014 14:19:22	0%
274 (Module)	10/02/2013 10:28:40	0%
273 (Module)	10/02/2013 10:13:47	0%
272 (Module)	10/01/2013 12:13:57	0%
271 (Module)	10/01/2013 12:08:02	0%
270 (Module)	10/01/2013 11:14:00	0%
269 (Module)	10/01/2013 11:11:20	0%
268 (Module)	09/30/2013 12:04:14	10%
267 (Module)	09/30/2013 12:03:56	0%
266 (Module)	09/25/2013 08:54:21	0%
265 (Module)	09/11/2013 10:24:50	0%



"Physical Assessment Mode" can be displayed from "Learning to Listen" mode.

1) Click "Physical Assessment Mode"-button on the login screen in Learning to Listen mode.

2) "Physical Assessment Mode"- screen is displayed.

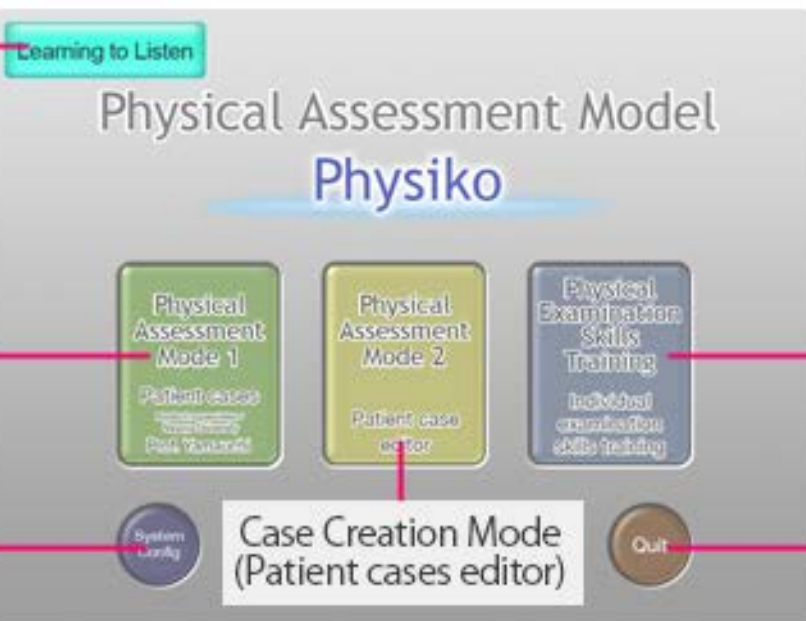




"Physical Assessment" Mode Screen

Physical Assessment Mode has 3 modes as shown below.

Switch to "Learning to Listen"-mode



Normal Mode
(12 pre-installed patient cases)

System configuration

Individual procedure mode

Quit the system



Patients List

Physiko's twelve preset patients cover typical outpatient complaints such as chest pain or stifling sensations.

Case	Age, Sex	Condition
Chest Pain	58 yrs Male	Myocardial Infarction
	55 yrs Male	Dissecting Aortic Aneurysm
	76 yrs Female	Lung Infarction
	28 yrs Male	Intercostal Muscle Ache
Abdominal Pain	26 yrs Female	Ileus
	19 yrs Male	Diarrhea
Lie Unconscious	36 yrs Female	Brain Hypertension
Shortness of Breath	84 yrs Female	Pneumonia
	66 yrs Male	Chronic Obstructive Lung Disease
	70 yrs Male	Pulmonic Fibrosis
	73 yrs Male	Heart Failure
	21 yrs Female	Anemia



Mode 1 (Patient cases) _1

1) Mode 1 provides twelve preset patient cases. In this mode, the user cannot arbitrarily change the patient data. One may select Mode2 (Patient case editor) on the Top menu to create a new patient.

2) When you hover the cursor over the patient description on the left, the details of the patient will appear on the right. When you click on the green button, the screen will change to the physical assessment session after a slight pause.

Physical Assessment Home

Normal blood flow Age 10 Male
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male

Pupillary reflex :
Normal

Breath sounds :
Slightly rapid

Heart sounds :
S2 split (1)

Blood pressure :
S1 108 S4 112 S5 110

Bowel sounds :
Normal

Electrocardiography :
Descending aortic aneurysm

Symptom :
A 40-year-old male. The patient had had hypertension for 10 years, and had commenced following cardiac physiotherapy.

Physical Assessment Home

Normal blood flow Age 10 Male
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male
Normal blood flow Age 10 Female
Normal blood flow Age 10 Male

Pupillary reflex :
Normal

Breath sounds :
Slightly rapid

Heart sounds :
S2 split (1)

Blood pressure :
S1 108 S4 112 S5 110

Bowel sounds :
Normal

Electrocardiography :
Descending aortic aneurysm

Symptom :
A 40-year-old male. The patient had had hypertension for 10 years, and had commenced following cardiac physiotherapy.



Mode 1 (Patient cases) _2

Choose the skill you would like to practice.

Volume setting

Return to previous menu
Return to top menu

Choose a skill to practice

Switch the screen between "The patient overview" and "Details of findings"

To details of the findings

To the patient overview

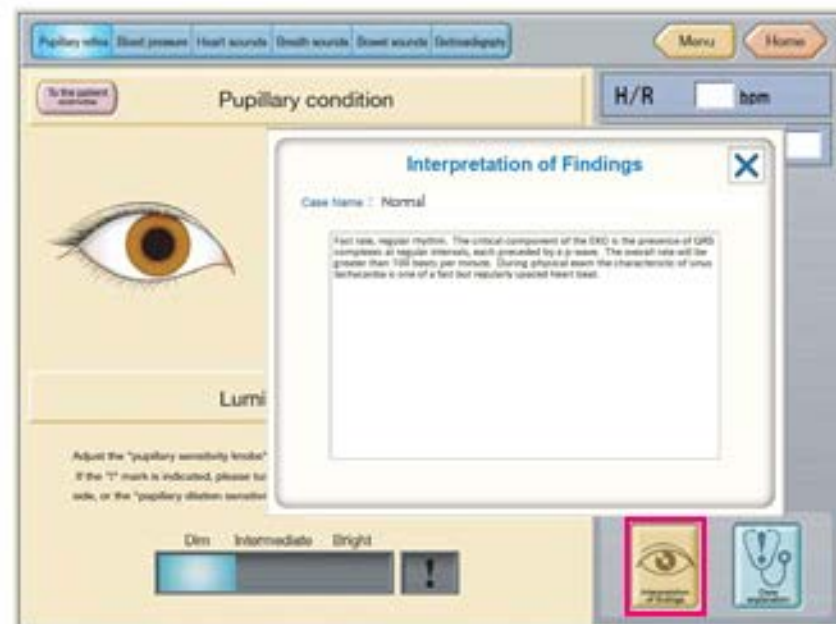
To details of the findings

To details of the findings



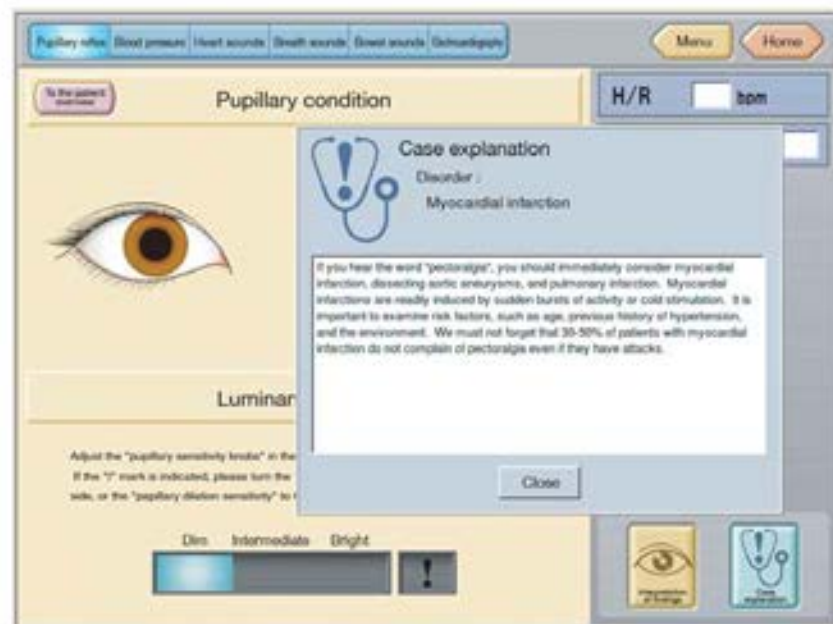
Interpretation of findings

1) In each "Details of the findings"-screen, click on the "Interpretation of findings"-icon on the bottom right to view the medical interpretation of the patient's conditions, e.g. Pupillary reflex.



Case explanation

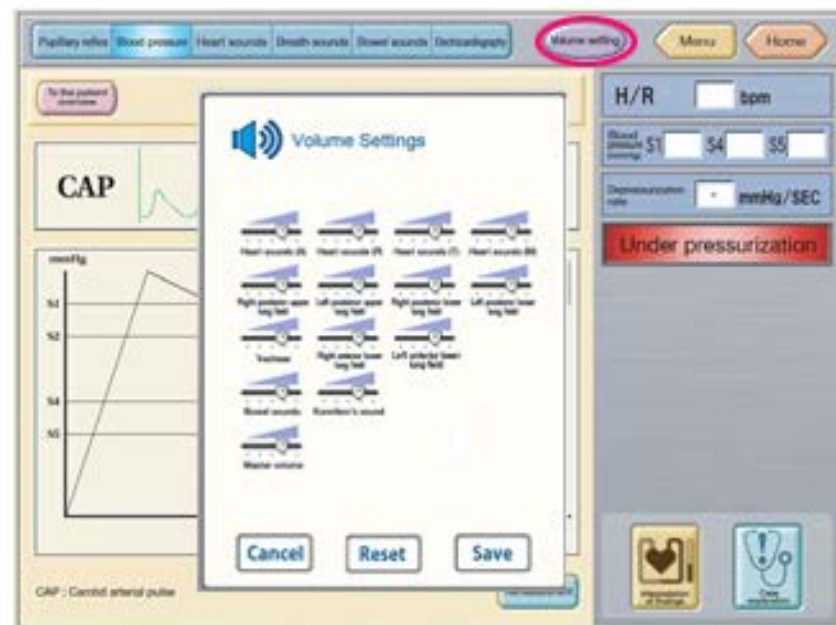
2) The "Case explanation" icon on the bottom right will show the patient's diagnosis. This portion will be blank in "Patient case editor"-made patients.





Volume setting

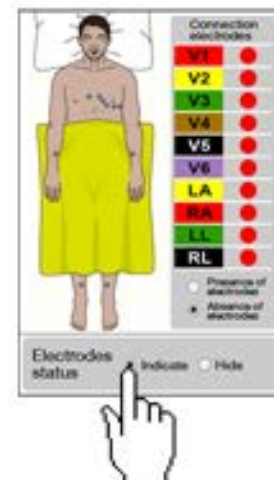
For certain cases, the volume can be adjusted by clicking on the "Volume Setting"-icon.



Operation in ECG learning

You can choose between "Indicate" or "Hide" for the Electrode status display on the ECG detail screen.

Electrode status "Indicate"

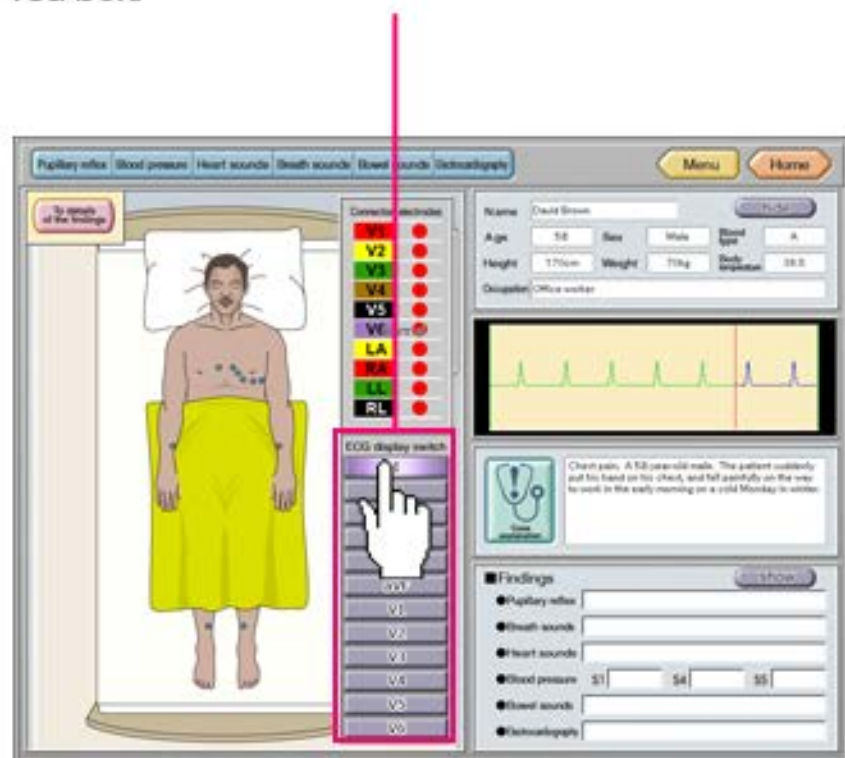


Electrode status "Hide"





In ECG patient screen, you can select ECG waves by clicking the ECG display switch shown below in the red box.

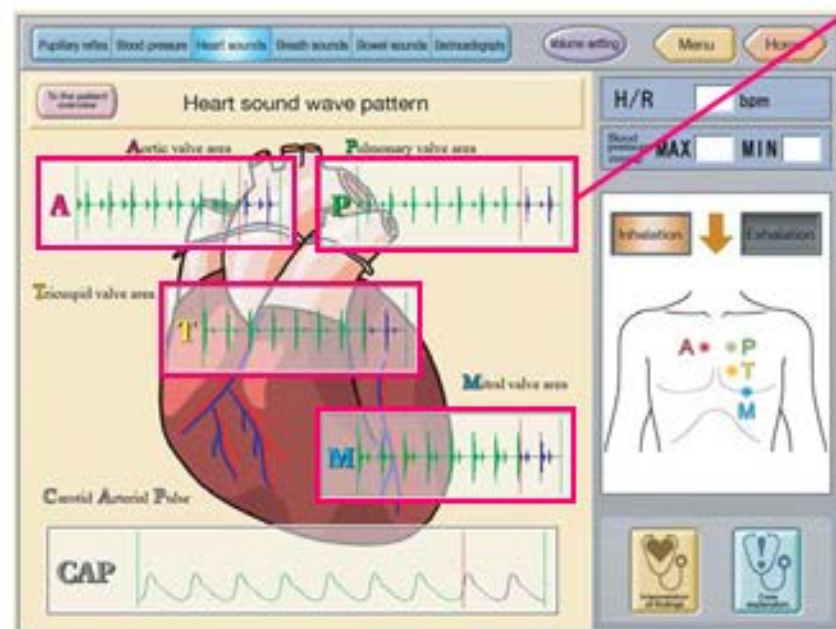




How to use the PC speakers

The Heart, Lung, and Bowel sounds can be listened to by the PC speakers. To play the sounds open the screen for one of these sounds and click the designated area.

E.g:
For the heart sounds, the cursor will change when placed in the area surrounded by the red line.



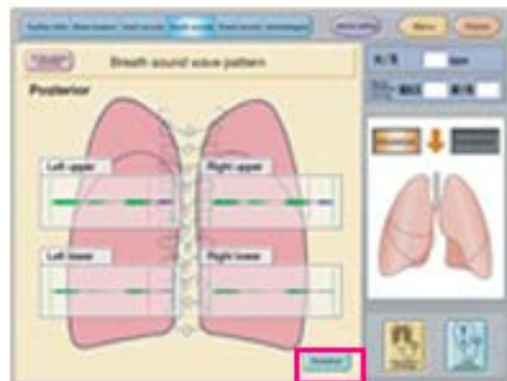
When the mouse is hovered over each Heart, Lung and Bowel sound indicator, the cursor will change to a stethoscope icon. Once you click within that area, the sounds for the selected area will be played through the PC speakers. To stop the sounds, click outside of that area.

※The PC speakers are best to be used for checking sound. For other uses, such as demonstrations in a classroom setting, use of the external speakers is recommended due to their built-in amplifiers.



How to change the patient position in the lung sound mode

Patient positions for lung auscultation can be switched between anterior and posterior by clicking the icon framed by the red line.

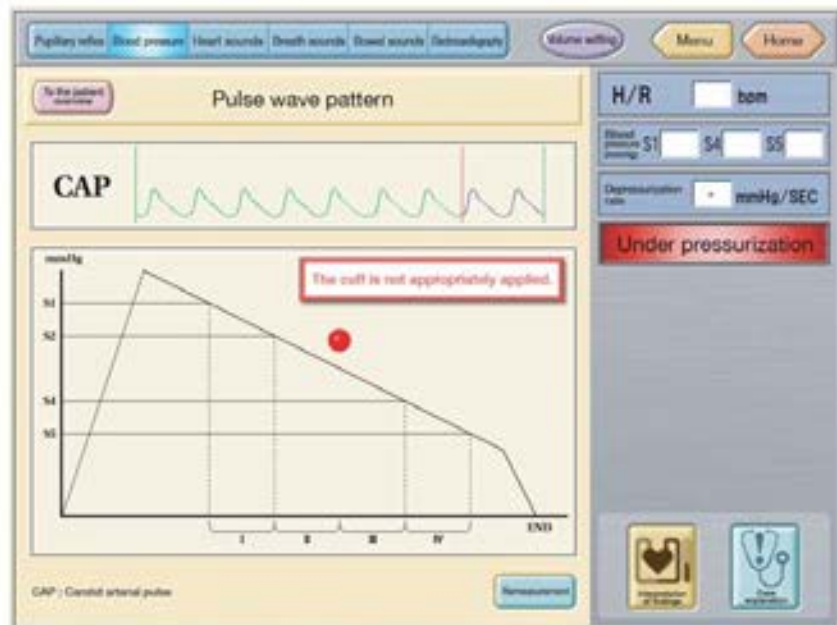




Tips on blood pressure measurement

When the cuff is attached incorrectly to the right arm for blood pressure measurement, a warning message will appear. Please verify your cuff application while referring to the screen, as seen below.

※Please measure blood pressure only on the right arm, not on the left.





Individual examination skills training : Case list

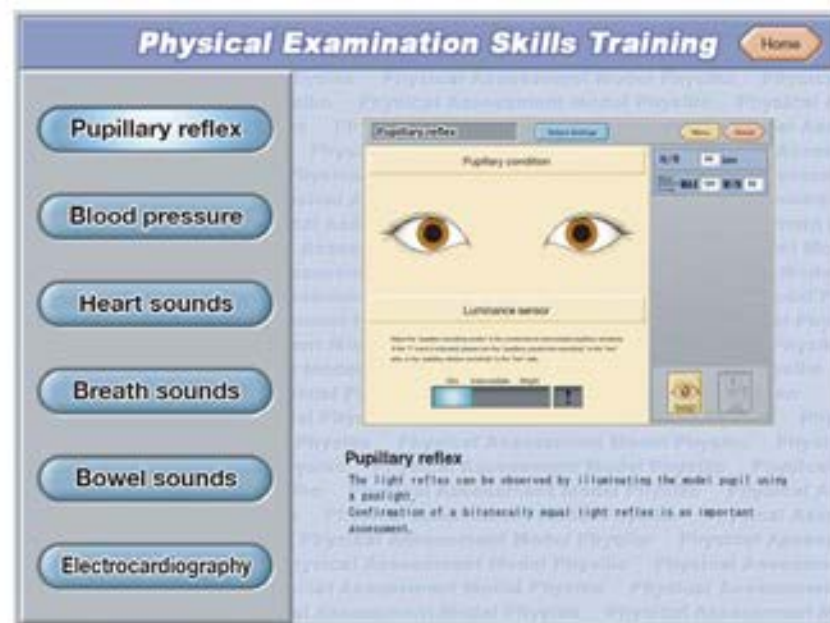
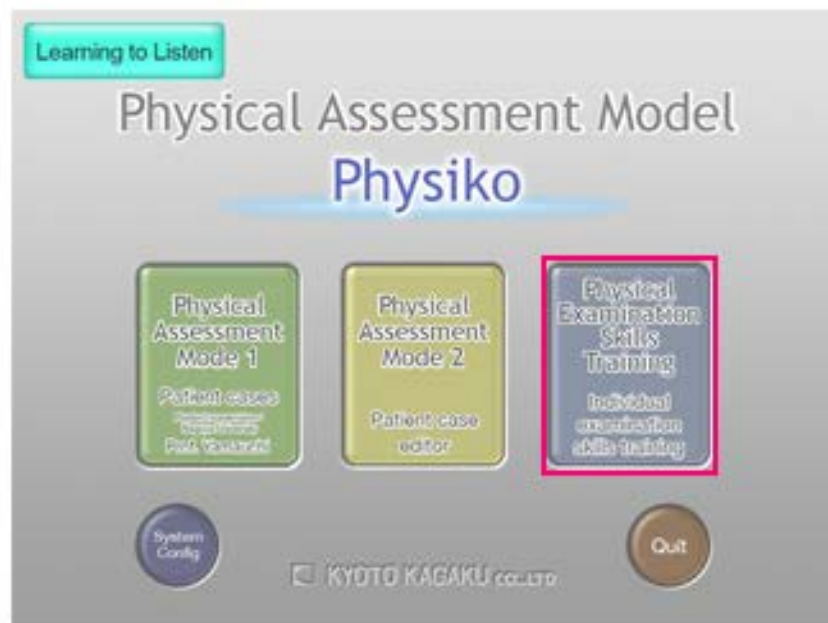
Assessment Item	Condition		
Pupillary reflex	Normal		
	Pupillary dilation		
	Pupillary constriction		
	Bilateral asymmetry		
Blood pressure	Can be set to any desired range		
Auscultation of breath sounds	Normal lung sounds	Coarse crackles	
	Weak in the left lung	Fine crackles	
	Absent in the right lung	Wheezes	
	Bronchial breathing	Rhonchi	
Auscultation of heart sounds	S2 split absent	Aortic stenosis	Atrial fibrillation
	S2 split present	Mitral regurgitation	Atrial flutter
	S3 gallop	Mitral stenosis	Premature ventricular contraction (single)
	S4 gallop	Aortic regurgitation	Ventricular flutter
	S3 and S4 gallop	Sinus tachycardia	Ventricular fibrillation
	Innocent murmur	Sinus bradycardia	Cardiac sound regulation
Auscultation of bowel sounds	Normal		
	Increased		
	Decreased		
	Obstruction (subileus)		
	Ileus		
ECG simulation	Normal	Ventricular flutter	
	Atrial fibrillation	Ventricular fibrillation	
	Atrial flutter	Myocardial infarction (acute stage)	
	Premature ventricular contraction	Myocardial infarction (subacute stage)	
	Ventricular tachycardia/ileus	Myocardial infarction (chronic stage)	



Individual examination skills training_1

1) Click on the "Physical Examination Skills Training"-button.

2) When the cursor is hovered over the skills button on the left side, the corresponding picture will appear. When you click on the skills button, you will be directed to the respective skills training page.

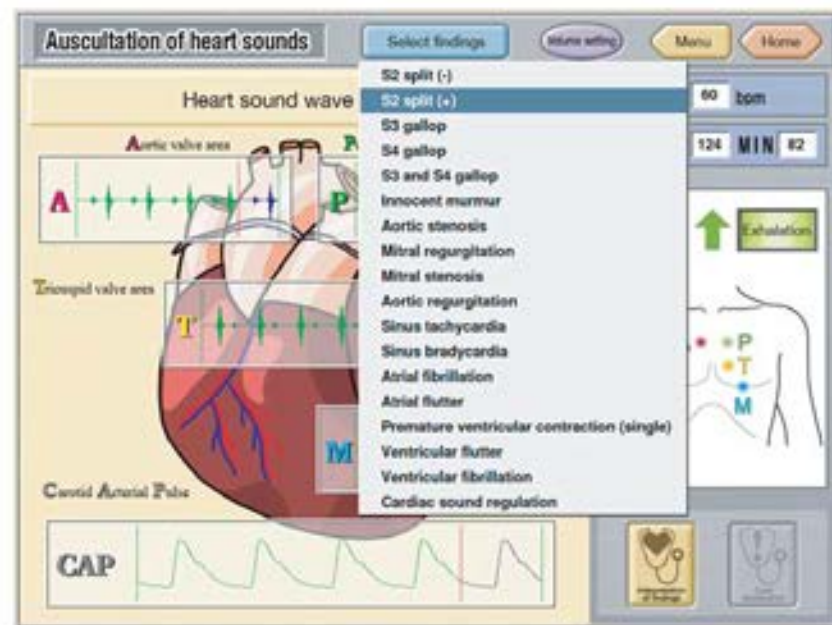




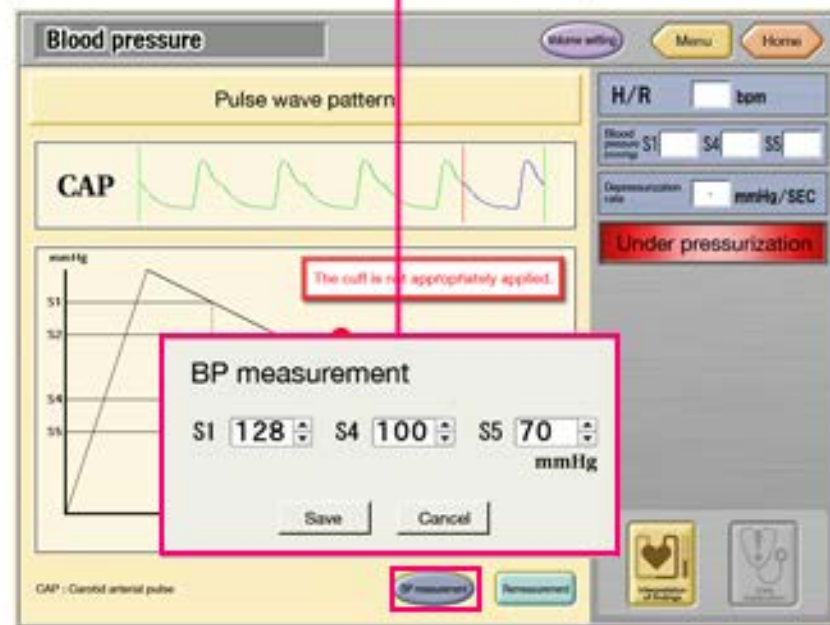
Individual examination skills training_2

1) Select a case (except for the BP measurement)
When you click on the "Select findings"-icon on the top of the screen, you will see a drop down menu with cases to practice with.

*For the blood pressure measurement, no drop down menu is provided.



2) Set values for blood pressure
The value of S1, S4 and S5 for blood pressure measurements is adjustable.
When you click the "BP measurement"-icon on the bottom of the screen, a window will appear, where you can adjust the values accordingly.





1) Click "New case" on the left when creating patient case newly.

2) When clicking on ▼ of each case, the pull-down list appears. Select one from the list. For the blood pressure, click ▲ or ▼, or simply click the number you would like to change and manually type the entry with the keyboard.

Physical Assessment Home

File Name

New case
Call data
Save
Start
Play list

Name
Age (y, m, d) Sex
Weight Height
Body temperature Blood flow
Image Please select a picture
Occupation
Symptom
Comment

Pupillary reflex :
Breath sounds :
Heart sounds :
Blood pressure : S1 S4 S5
Bowel sounds :
Electrocardiography :

Physical Assessment Home

File Name

New case
Call data
Save
Start
Play list

Name
Age (y, m, d) Sex
Weight Height
Body temperature Blood flow
Image Please select a picture
Occupation
Symptom
Comment

Pupillary reflex :
Breath sounds :
Heart sounds :
S2 split (-)
S2 split (+)
S2 gallop
S4 gallop
S3 and S4 gallop
Innocent murmur
Aortic stenosis
Mitral regurgitation
Mitral stenosis
Aortic regurgitation
Electrocardiography :

You cannot input greater number to S4 than S5's.



3) Fill in the blanks on the left.

* Explanation about "Please select a picture"-button is on the next page.

- Here, "Age." is the only required item. Other items can be left blank, though, it is necessary to create a filename to save the data.

- The default setting of all the findings is normal.

How to input letters with the keyboard (In the case of Japanese version of PC). Alphabet input mode is set by default. If it is not, switch to alphabet mode by pressing the following keys.



...to Alphabet input mode



4) First, input "Age" and select "Sex". Then, click the "Please select a picture"-button. The age range is from 15 to 100 years old.

5) After completion of step 4), the below window will be displayed. Four pictures will be shown depending on the combination of age and sex chosen in step 4). Check the button under an image and click the "select"-button.

*If you do not select a patient picture, the picture on the leftmost side will be selected by default.

The image shows the 'Physical Assessment' form. On the left, there is a sidebar with buttons: 'New case', 'Call data', 'Save', 'Start', and 'Play list'. Below these are input fields for 'Name', 'Age', 'Sex', 'Weight', 'Height', 'Body temperature', 'Pulse', 'Respiration', 'Symptoms', and 'Comments'. Two red circles with numbers are placed over the 'Age' and 'Sex' fields, and a red rectangle highlights the 'Please select a picture' button. The main area of the form features a central human figure with internal organs highlighted. To the right of the figure are several dropdown menus for 'Pupillary reflex', 'Breath sounds', 'Heart sounds', 'Blood pressure' (with sub-fields S1, S4, S5), 'Bowel sounds', and 'Electrocardiography'. A 'Home' button is in the top right corner.

The image shows a 'Patient picture' dialog box overlaid on the 'Physical Assessment' form. The dialog box has a title bar with an exclamation mark and the text 'Patient picture.'. Inside, there are four small images of people. Below each image is a radio button labeled 'Patient1', 'Patient2', 'Patient3', and 'Patient4'. A 'select' button is centered below the radio buttons. The background form is partially visible, showing the 'Pupillary reflex' dropdown and the 'Electrocardiography' dropdown.



How to save the file

1) When you save the created file, click "Save"-icon.

2) When the window is shown below, input file name to ① by keyboard and click "Save" icon ②.

*If you input an already-existing filename, an overwrite dialog is shown. You may then change the filename to resave or overwrite the file.

The screenshot shows the 'Physical Assessment' software interface. On the left, there is a 'File Name' input field and a vertical stack of buttons: 'New case', 'Call data', 'Save' (highlighted with a red rectangle and a mouse cursor), 'Start', and 'Play list'. Below these are fields for patient information: Name, Age, Sex, Height, Weight, Blood pressure, and a 'Please select a picture' button. The main area features a human figure diagram with various physiological parameters listed on the right: Pupillary reflex (Normal), Breath sounds (Normal), Heart sounds (S2 split (-)), Blood pressure (S1 120, S4 90, S5 90), Bowel sounds (Normal), and Electrocardiography (Normal).

The screenshot shows a file name input dialog. It contains a table with the following data:

FileName	Date
Physical Iaro	2006-03-01
hanako	2006-03-02
kyoto_kantaro	2006-03-02

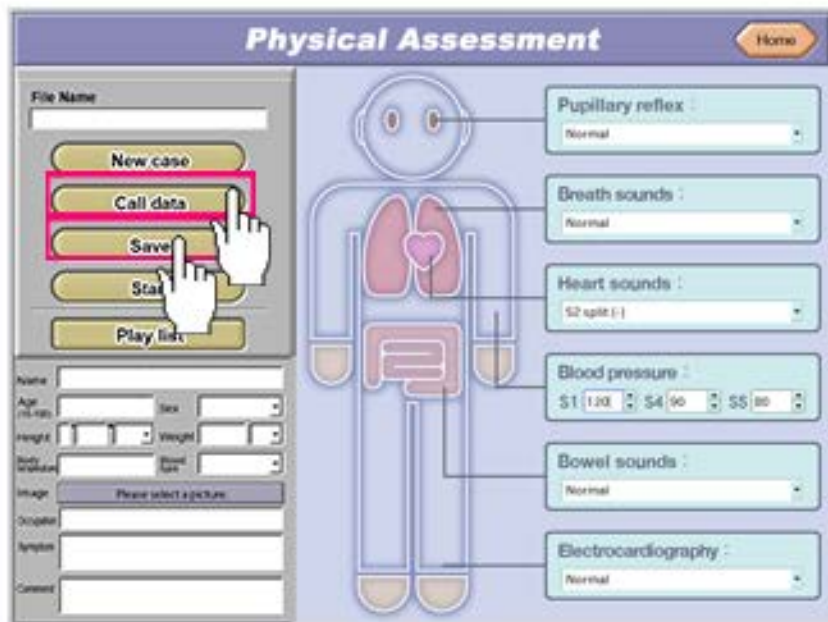
Below the table, there is a 'FileName' input field containing 'kanja01' with a red circle ① next to it. At the bottom, there are three buttons: 'Delete', 'Cancel', and 'Save' (with a red circle ② next to it).



How to delete a file_1

1) To delete a file, click "Save" or "Call data".

2) After that the below window is shown. Click (1) the filename you want to delete and click (2) the "Delete"-button.





How to call a file

1) When you want to open a custom-made case file, click the "Call data"-button. The window on the right side will pop up.

2) Click the filename of the case you want to use. Then click the "Open"-button to open the file.

The screenshot shows the 'Physical Assessment' window. On the left, there is a 'File Name' field and a vertical stack of buttons: 'New case', 'Call data' (highlighted with a red rectangle and a hand cursor), 'Save', 'Action', and 'Continuous action'. Below these are fields for patient information: Name, Age, Sex (Male), Height, Weight, Blood pressure, and a 'Please select a picture' button. The main area features a human figure with internal organs highlighted. To the right of the figure are several assessment panels with dropdown menus: 'Pupillary reflex' (Normal), 'Breath sounds' (Normal), 'Heart sounds' (S2 split (-)), 'Blood pressure' (S1 120, S4 90, S5 80), 'Bowel sounds' (Normal), and 'Electrocardiography' (Normal). A 'Home' button is in the top right corner.





How to call a file_3

3) If there is an unsaved file, the window below will be shown. Click "Yes" if you don't want to save the file and open the file Click "No" if you want to save the file, before opening the file.

File is not saved.

Do you open the file without saving?

Click "No" if you save the file.

Yes

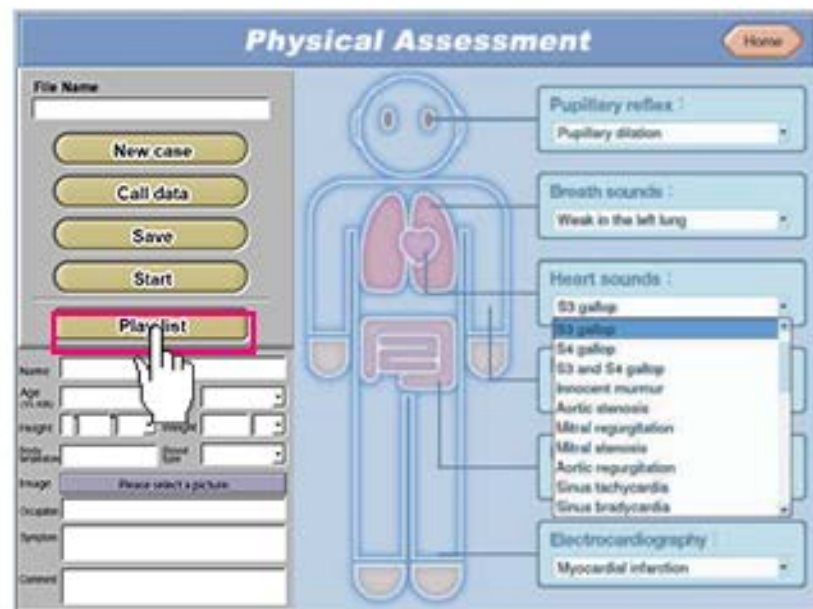
No





Play list

1) To run several files continuously in sequence, click the "Playlist"-button



To use the playlist, at least two files of custom made cases need to be saved beforehand. Up to three files can be included in one playlist.



1) Select files for the playlist. Select a file from the list and click "Select"-button to transfer the file to the "Playlist"-box.
Repeat the task to select up to three files.



To use the playlist, at least two files of custom made cases need to be saved beforehand. Up to three files can be included in one playlist.

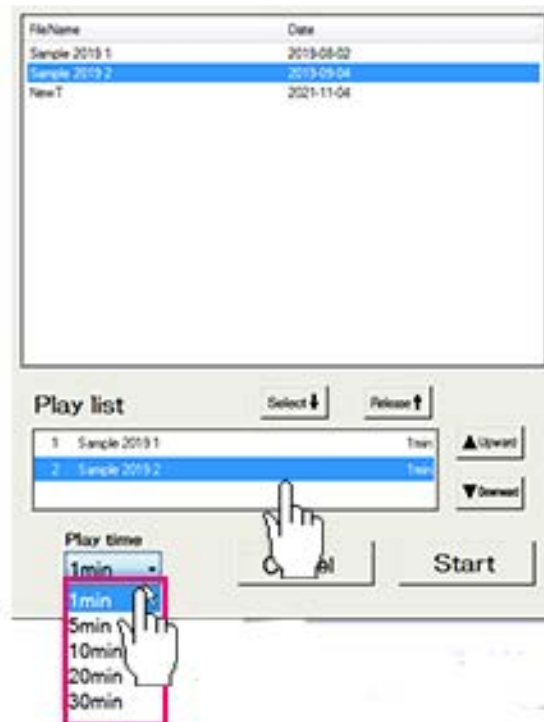
Set the play time

1) Set the play time according to following order.
Click the file in "Play list" box.





1) Click the "Play time"-box and select one from five options shown in the pull-down menu.



2) Repeat the process for all the files in the play list.



When the play time is not edited, default setting for each file is one minute.



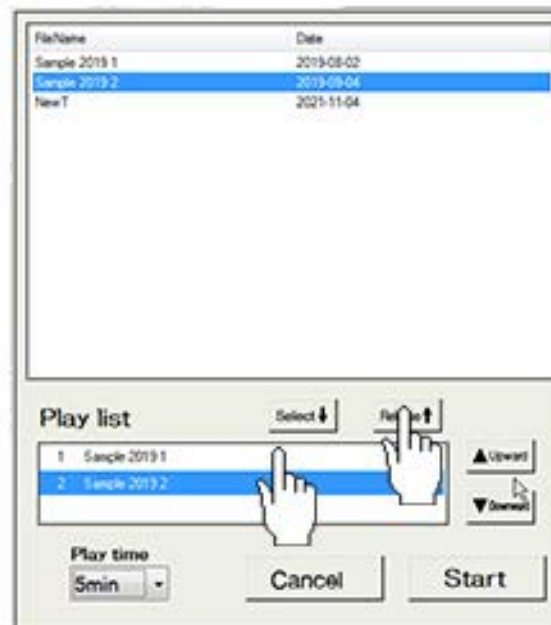
Changing the order of files in the playlist

Click a file to change the position in the list. Then move it by clicking "Up" or "Down."



Removing a file from the playlist

Click the file to remove.
Then click the "Release"-button."





Play

Click "Start" after finishing configuration.

It takes time for the system to transfer data to the terminal box from the PC when you choose the next file in the playlist.

