**Set includes**

M55C

## ■ 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

- Foot switch
- Sphygmomanometer unit
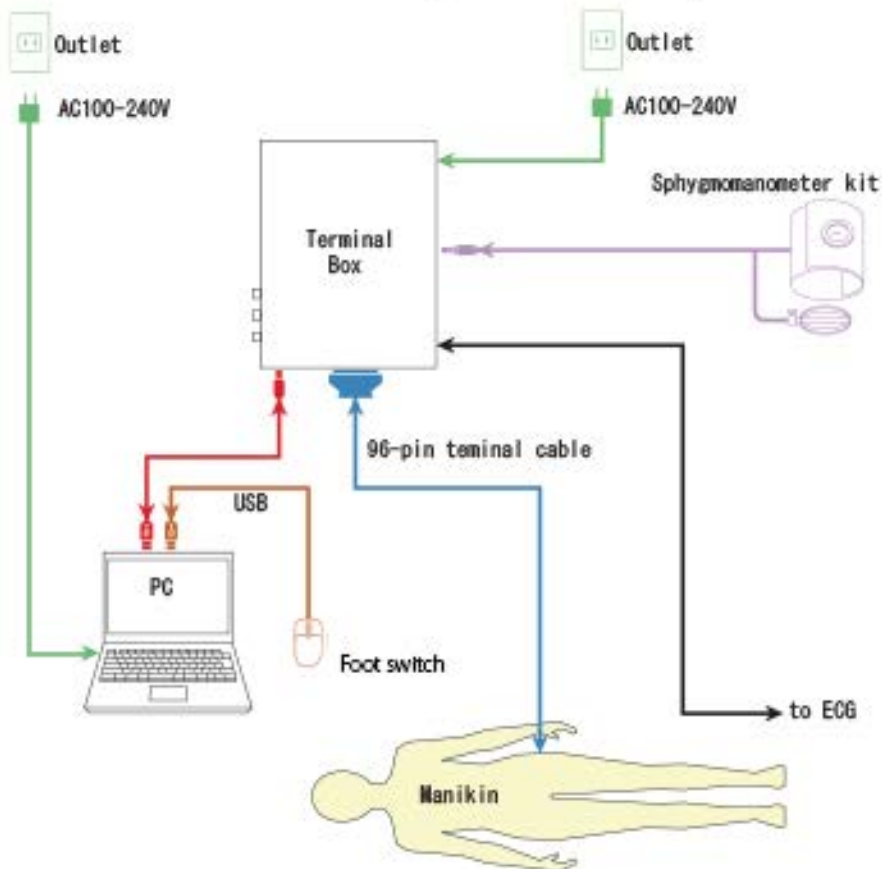- Terminal box
- PC
- Mouse
- Cables to connect

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 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.

Outlet
AC100-240V

Outlet
AC100-240V

Terminal Box

Sphygmomanometer kit

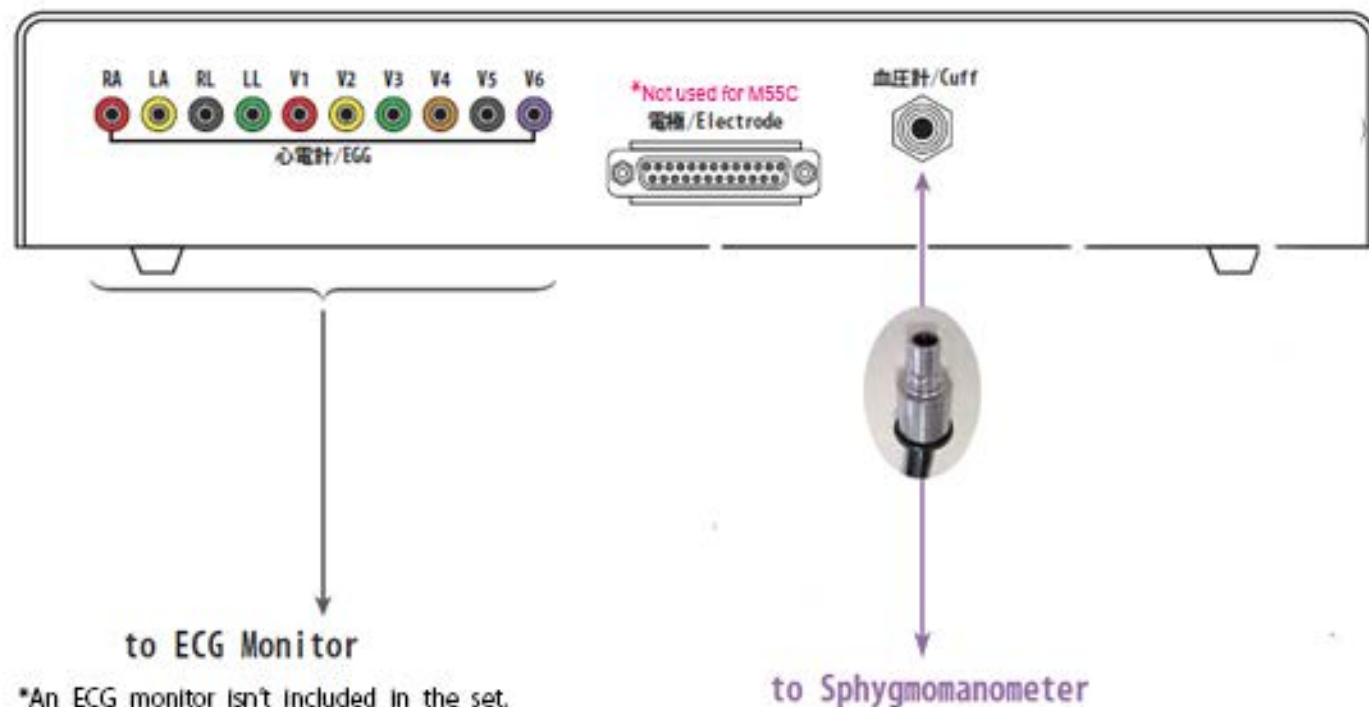96-pin terminal cable

USB

PC

Foot switch

to ECG

Manikin

*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.

RA LA RL LL V1 V2 V3 V4 V5 V6

*Not used for M55C
電極/Electrode

血圧計/Cuff

心電計/ECG

to ECG Monitor

*An ECG monitor isn't included in the set.

to Sphygmomanometer

※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.
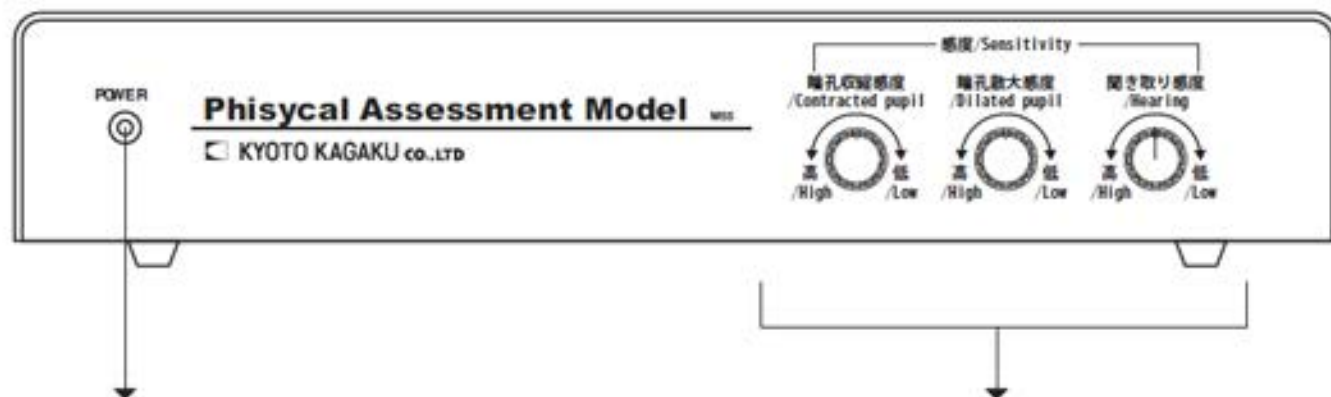
## ■ Side of Terminal Box

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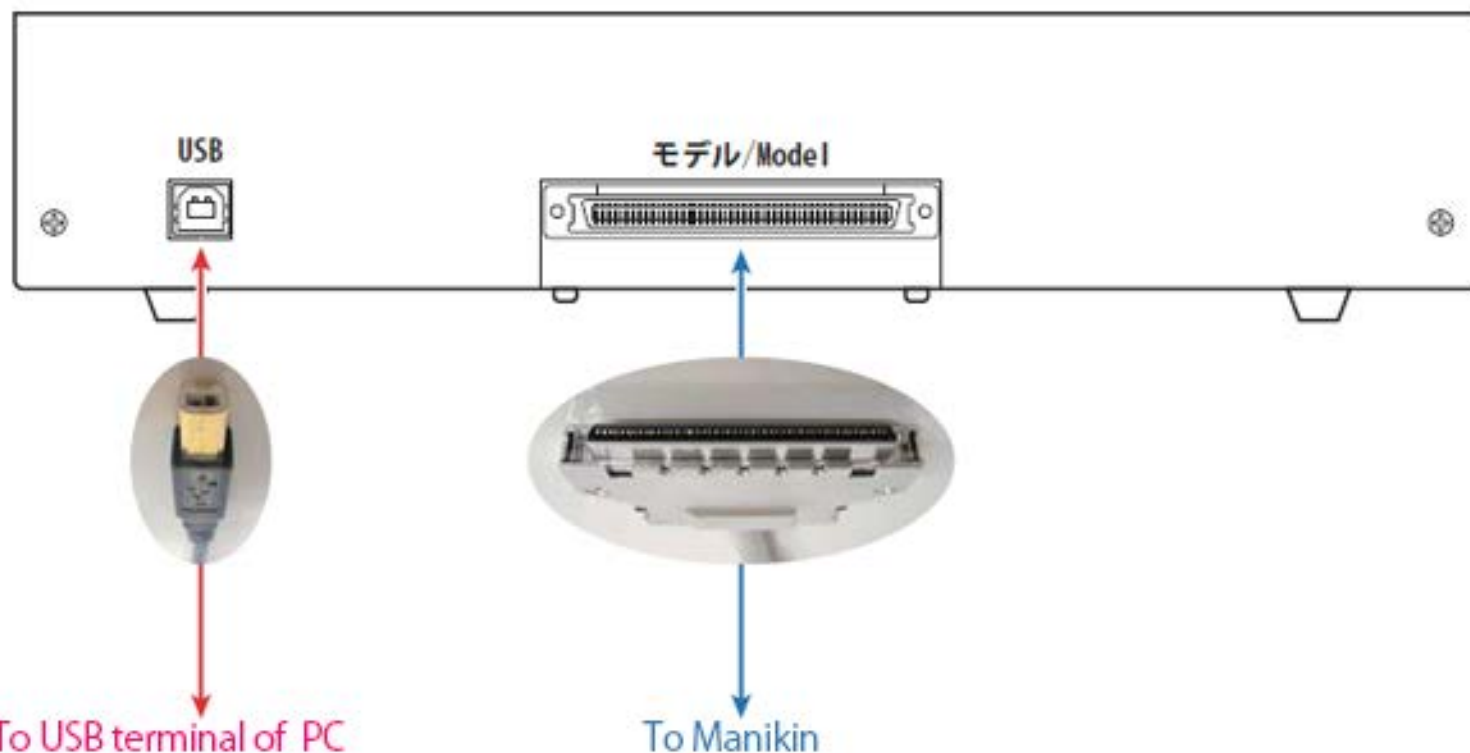
USB

モデル/Model

To USB terminal of PC

To Manikin

※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.



to Terminal Box
(USB)

to Foot Switch

※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

感度/Sensitivity

瞳孔収縮感度
/Contracted pupil

瞳孔散大感度
/Dilated pupil

聞き取り感度
/Hearing

POWER

**Phisycal Assessment Model** M55

☐ KYOTO KAGAKU co.,LTD

高
/High

低
/Low

高
/High

低
/Low

高
/High

低
/Low

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 disconnected from its power (AC100-240V). Connect the PC power cable to the outlet.

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.

# CE version doesn't include ECG sensors.

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.
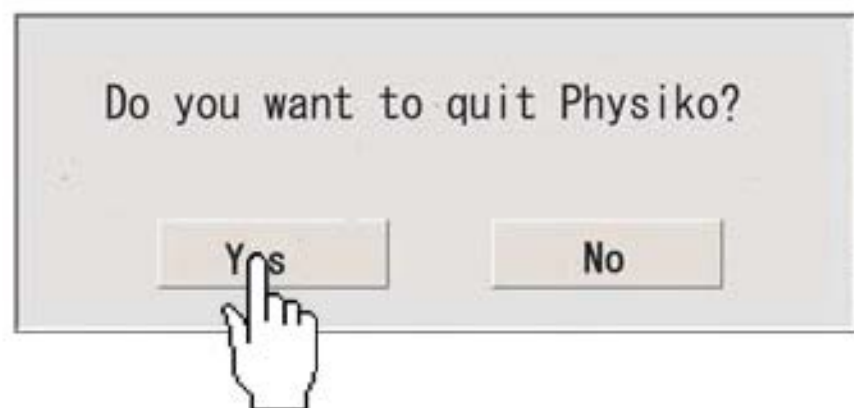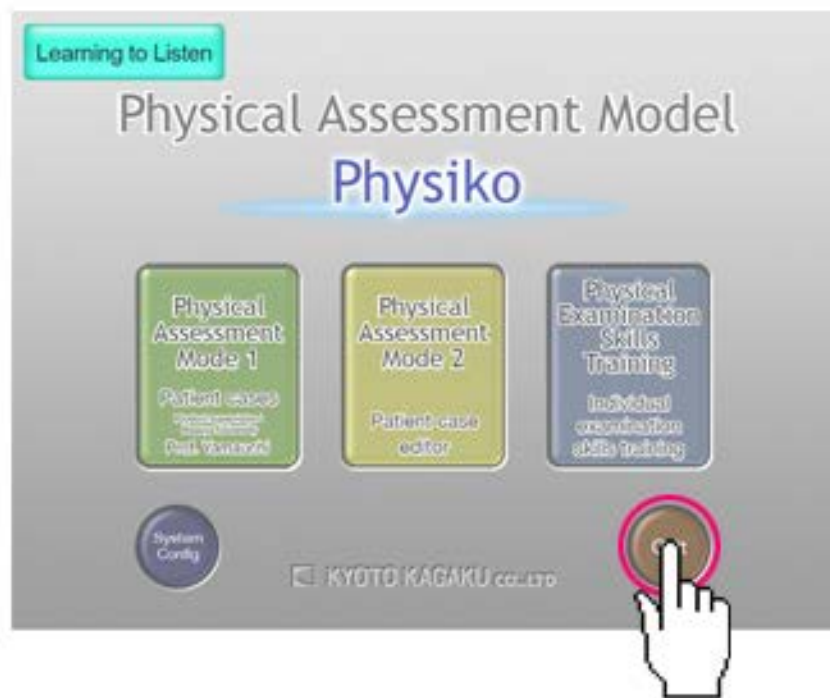
Learning to Listen

Physical Assessment Model
**Physiko**

| Physical Assessment Mode 1 | Physical Assessment Mode 2 | Physical Examination Skills Training |

KYOTO KAGAKU co.,ltd

Do you want to quit Physiko?

Yes      No

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.
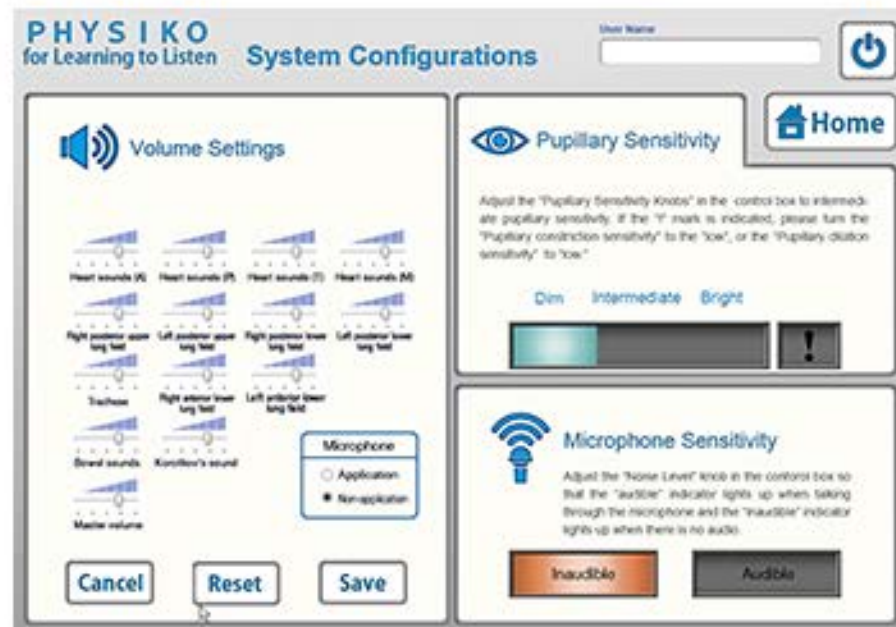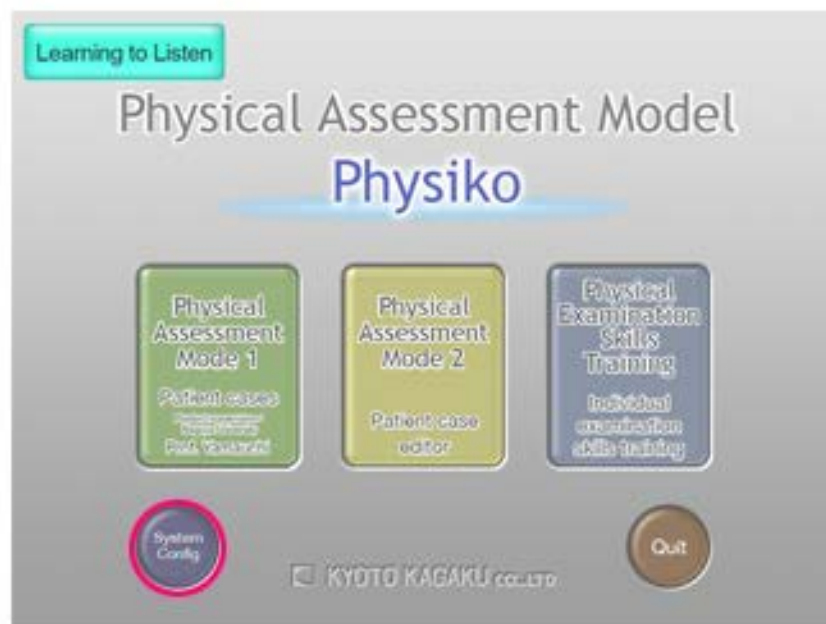
## Volume setting

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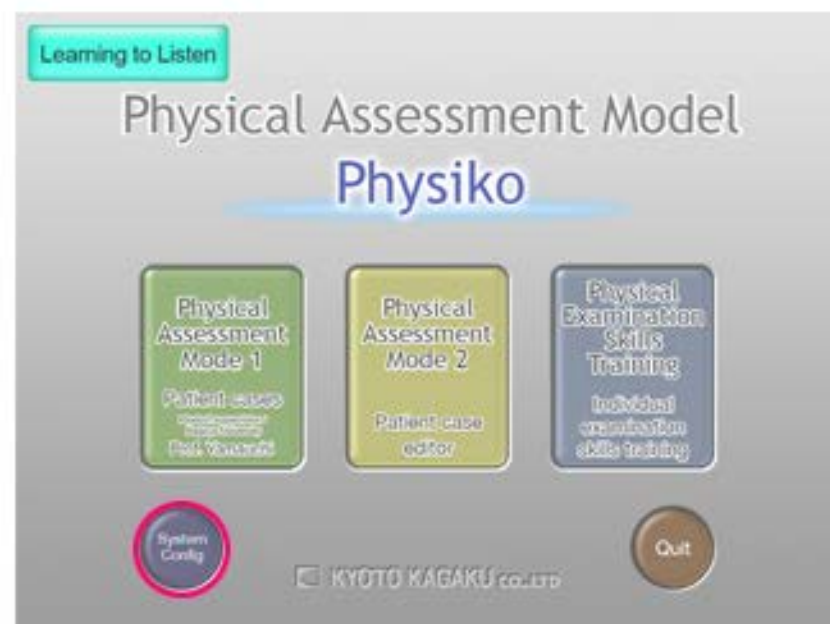
2) When adjusting the pupil contraction and dilation Knobs on the Terminal Box, use this evaluation bar to set the pupillary sensitivity to the "Intermediate" range.

Learning to Listen

Physical Assessment Model
**Physiko**

Physical Assessment Mode 1
Patient cases

Physical Assessment Mode 2
Patient case editor

Physical Examination Skills Training
Individual examination skills training

System Config

Quit

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**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

感度/Sensitivity

瞳孔収縮感度
/Contracted pupil

瞳孔散大感度
/Dilated pupil

聞き取り感度
/Hearing

高
/High
低
/Low

低
/Low
高
/High

高
/High
低
/Low
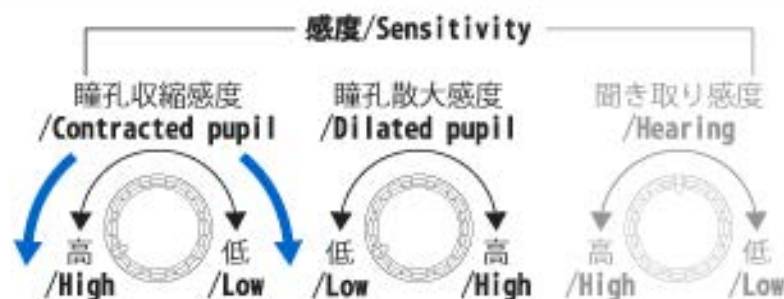
4 ) Sensitivity setting for pupil dilation

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

▼ Terminal Box

感度/Sensitivity

瞳孔収縮感度
/Contracted pupil

瞳孔散大感度
/Dilated pupil

聞き取り感度
/Hearing

高
/High
低
/Low

低
/Low
高
/High

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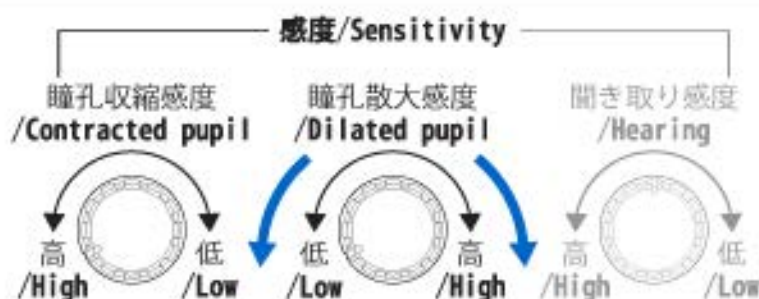
If the " ! " logo lights up on the evaluation bar, this means that the surrounding light is too bright. To decrease the pupillary sensitivity, turn both knobs counterclockwise and re-adjust the sensors to a "Intermediate" range.

# How to adjust the microphone sensitivity

1) Click on the "System Configuration"-button on the home screen of Physical Assessment Mode.
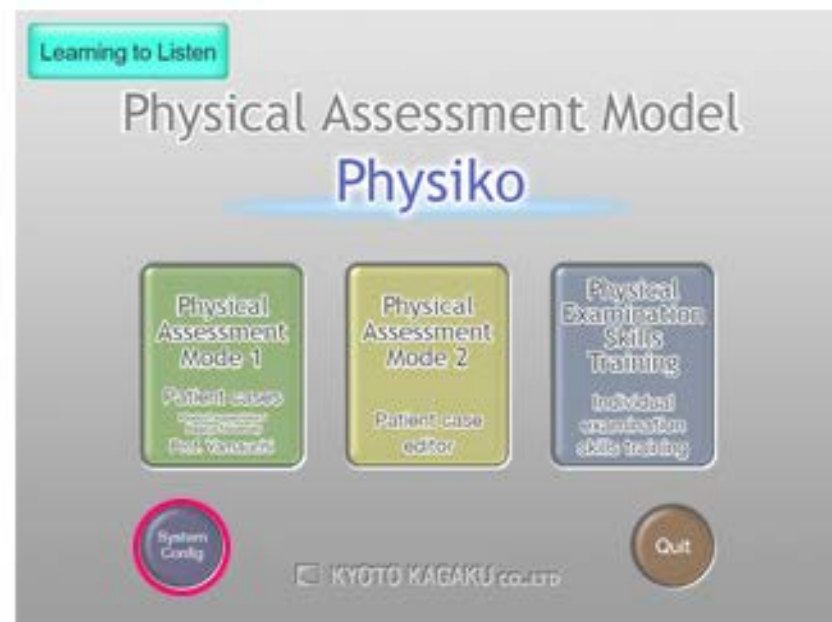
2) When adjusting the microphone sensitivity, use this evaluation section to verify its setting. The "Audible" -sign will light up when the microphone detects sound, while the "Inaudible" sign will light up when the microphone detects no sound.

Learning to Listen

Physical Assessment Model
Physiko

Physical Assessment Mode 1
Patient cases

Physical Assessment Mode 2
Patient case editor

Physical Examination Skills Training
Individual examination skills training

System Config

Quit

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## Microphone Sensitivity

Adjust the "Noise Level" knob in the contorol box so that the "audible" indicator lights up when talking through the microphone and the "inaudible" indicator lights up when there is no audio.

Inaudible

Audible

## How to adjust the microphone sensitivity

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

感度/Sensitivity

| 瞳孔収縮感度 /Contracted pupil | 瞳孔散大感度 /Dilated pupil | 聞き取り感度 /Hearing |
| --- | --- | --- |
| 高 /High　　低 /Low | 低 /Low　　高 /High | 高 /High　　低 /Low |
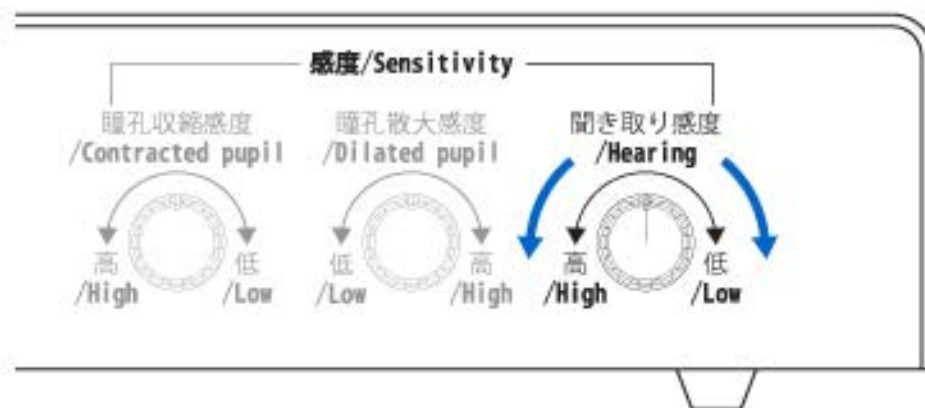
It is necessary to register accounts to use "Physiko for Learning to Listen" mode.
Users can log in with an ID and password as shown below.
*No need to log in for "Physical Assessment Mode."

▼ Login screen

"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 | ✓ | ✓ | |

"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          ● Instructor mode          ● Student mode

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

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

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

**Account Information**

| | |
|---|---|
| User ID | Kyoto |
| Password | ●●●●● |
| Name | Kyoto Taro |
| Group | Kyoto Kagaku University |

Edit    Back

**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

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 | ### | ### | FFF | ### | vtu11 |
| 2 | ### | ### | ### | ### | vtu17 |
| 3 | ### | ### | ### | ### | vtu23 |
| 4 | test | test | test2 | test2 | vtu25 |
| 5 | ccc | ccc | ccc | ccc | vtu27 |
| 6 | ### | Test | ### | ### | vtu29 |
| 7 | ### | ### | ### | ### | vtu30 |
| 8 | ### | Test | ### | ### | vtu29 |
| 9 | | 1111 | 111 | 111 | 111 vtu32 |
| 10 | Kyoto | kyoto | Kyoto Jiro | Kyoto University | vtu33 |

**Save**   **Delete**   **Back**

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 | ### | ### | FFF | ### | vtu11 |
| 2 | ### | ### | ### | ### | vtu17 |
| 3 | ### | ### | ### | ### | vtu23 |
| 4 | test | test | test2 | test2 | vtu25 |
| 5 | ccc | ccc | ccc | ccc | vtu27 |
| 6 | ### | Test | ### | ### | vtu29 |
| 7 | ### | ### | ### | ### | vtu30 |
| 8 | ### | Test | ### | ### | vtu29 |
| 9 | | 1111 | 111 | 111 | 111 vtu32 |
| 10 | Kyoto | kyoto | Kyoto Jiro | Kyoto University | vtu33 |

**Save**   **Delete**   **Back**

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



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

▼ User account management screen

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

▼ User account management screen



5 ) Select and click "Delete "- button.

▼ User account management screen

4) Click "OK" button.

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

▼ User account management screen

▼ User account management screen

## User Account Management

No.1

Do you really want to delete?

**OK**  **Cancel**

**Save**  **Delete**  **Back**

## User Account Management

Search ID

| | ID | Password | Name | Group | Role |
|---|---|---|---|---|---|
| 1 | sss | sss | FFF | sss | stu11 |
| 2 | sss | sss | sss | sss | stu17 |
| 3 | sss | sss | sss | sss | stu23 |
| 4 | test | test | test2 | test2 | stu25 |
| 5 | sss | sss | sss | sss | stu27 |
| 6 | sss | Test | sss | sss | stu29 |
| 7 | sss | sss | sss | sss | stu30 |
| 8 | | 333 Ky | | 333 | 333 stu31 |
| 9 | | 1111 | 111 | 111 | 111 stu32 |
| 10 | Kyoto | kyoto | Kyoto Jiro | Kyoto University | stu33 |

**Save**  **Delete**  **Back**

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

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



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

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

ogin

**Confirm**

Ph...
Assessment
Mode

**New User**

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

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



**Account Registration**

| | |
|---|---|
| User ID | |
| Password | |
| Retype password | |
| Name | |
| Group | |

Register    Cancel



**Account Registration**

| | |
|---|---|
| User ID | Test Instructor |
| Password | ●●● |
| Retype password | ●●● |
| Name | Test Instructor |
| Group | Kyoto University |

Register    Cancel

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

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

▼ Account completion of registration screen



**Account Registration**

| | |
|---|---|
| User ID | Test Instructor |
| Password | ●●● |
| Retype password | ●●● |
| Name | Test Instructor |
| Group | Kyoto University |

Register    Cancel

**Registration is completed**

| | |
|---|---|
| User ID | Test Instructor |
| Password | ●●● |
| Retype password | ●●● |
| Name | Test Instructor |
| Affiliation | Kyoto University |

Confirm

# PHYSIKO
### for Learning to Listen
# User's Guide

"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.





**Clinical Question**

Question :
Why is Mr. Reyes experiencing tachycardia?

Answer :
With any increase in metabolic demands, the body responds with increased catecholamine release and a subsequent increase in heart rate. In this case, Mr. Reyes is ill with a fever and dehydrated; both lead to increased body stress and catecholamine surge.

Answer

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.

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.

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.

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.

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.

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

"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 has 3 modes as shown below.

Switch to "Learning to Listen" -mode

Learning to Listen

**Physical Assessment Model**
**Physiko**

Normal Mode
(12 pre-installed patient cases)

Physical Assessment Mode 1

Patient cases

Prof. Yamauchi

Physical Assessment Mode 2

Patient case editor

Physical Examination Skills Training

Individual examination skills training
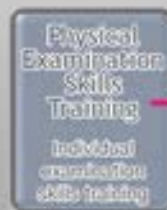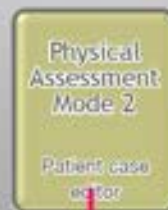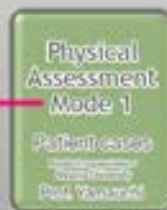
Individual procedure mode

System configuration

System Config

Case Creation Mode
(Patient cases editor)

Quit

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.

# Mode 1 (Patient cases) _2

Choose the skill you would like to practice.

Choose a skill to practice

Volume setting

Return to previous menu
Return to top menu

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

By stepping on the foot switch, ECG waves are shown on the PC.

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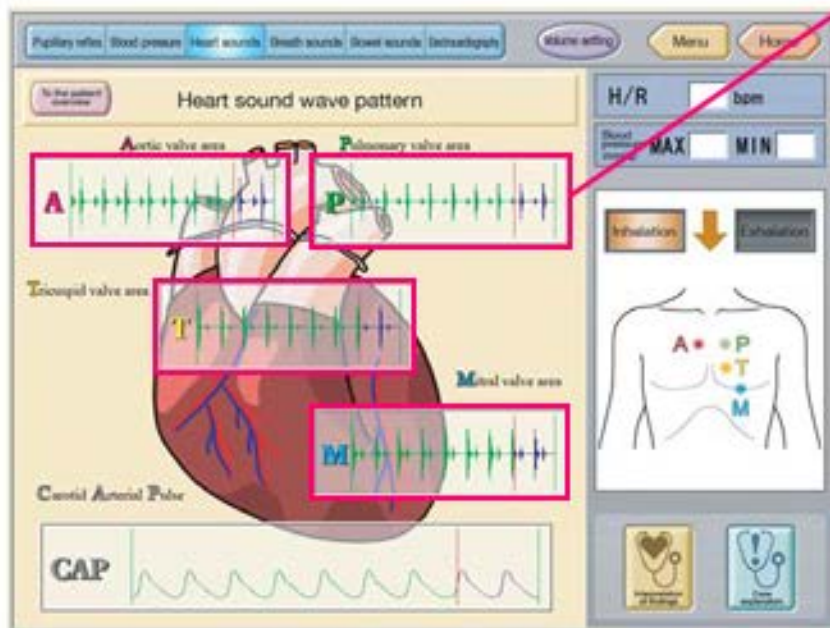
When the mouse is hoveed over each Heart, Lung and Bowel sound indicator, the cursor will change to a stethoscope icon. Once you click wihthin that area, the sounds for the selected area will be played through the PC speakers. To stop the sounds, click outside of that area.

※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.
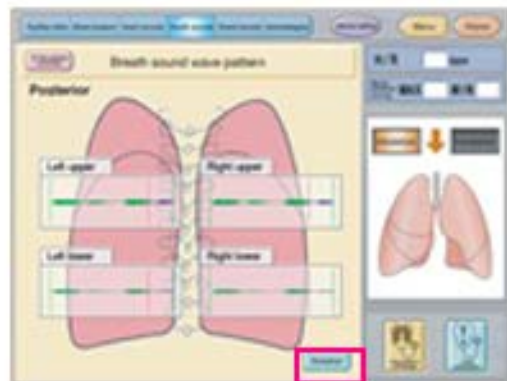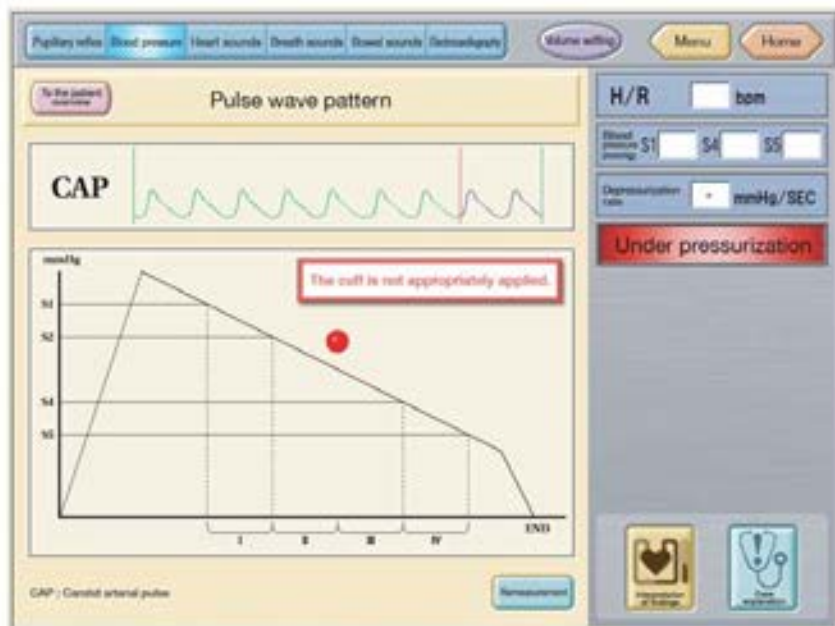
## Tips on blood pressure measurement

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.

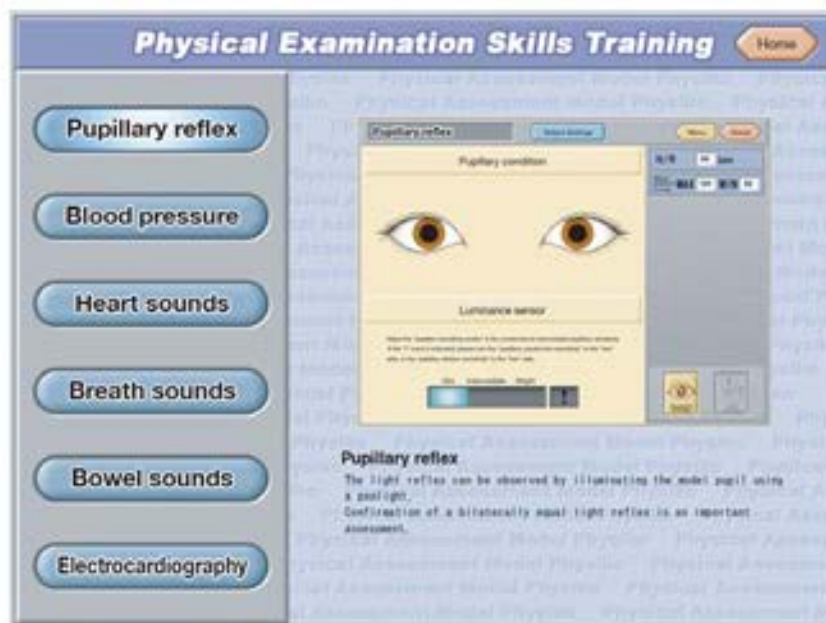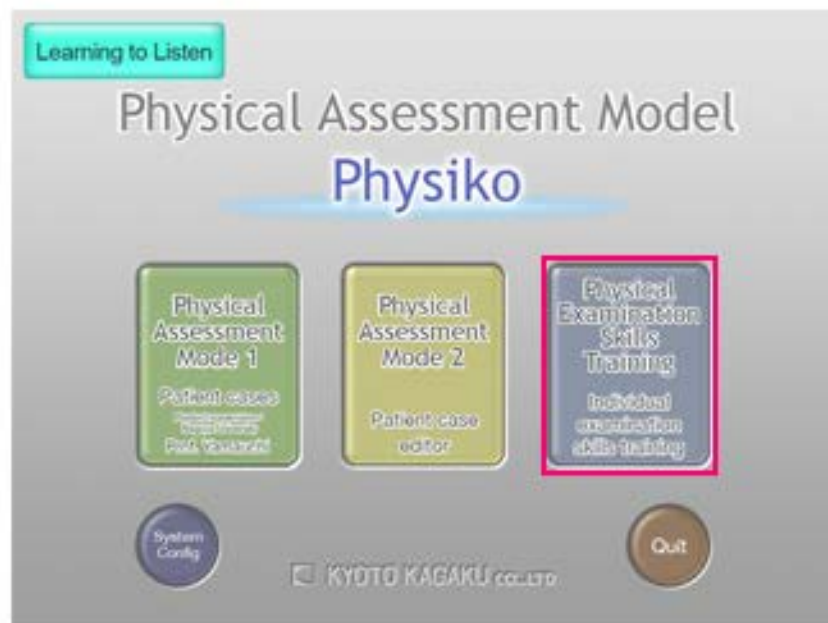## Individual examination skills training : Case list

| 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 | | |
| | Obstuction (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 tachycardialleus | Myocardial infarction (chronic satge) | |

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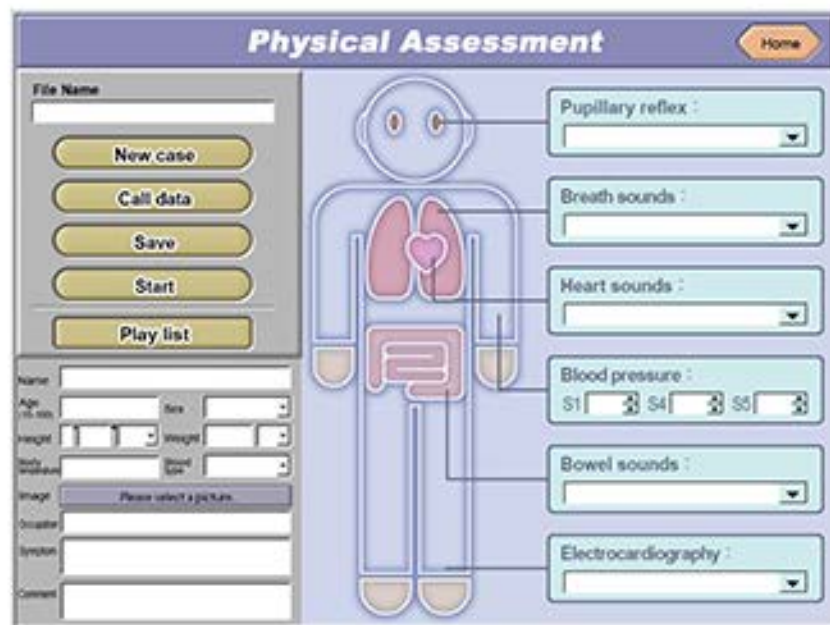
**2) Set values for blood pressure**
The value of S1, S4 and S5 for blood pressure measurements is adjustable.
When you click the "BP measurement"-icon on the bottom of the screen, a window will appear, where you can adjust the values accordingly.

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 simpy click the number you would like to change and manually type the entry with the keyboard.





You cannnot 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.

⇧Shift ＋ 半角/全角/漢字 ‥to Alphabet input mode
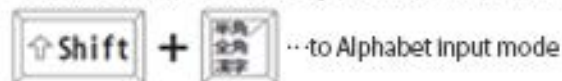
4 ) First, input "Age" and select "Sex". Then, click the "Please select a picture"-button. The age range is from 15 to 100 years old.

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.
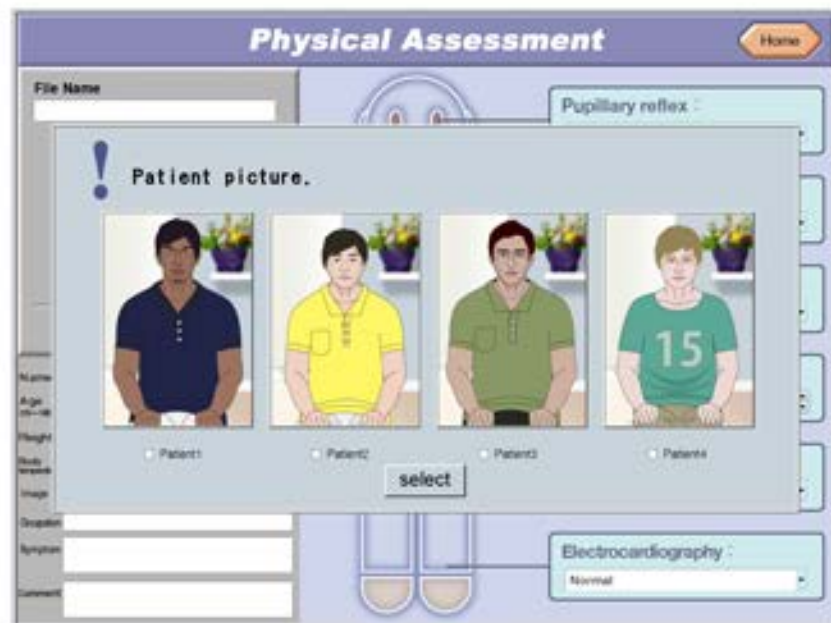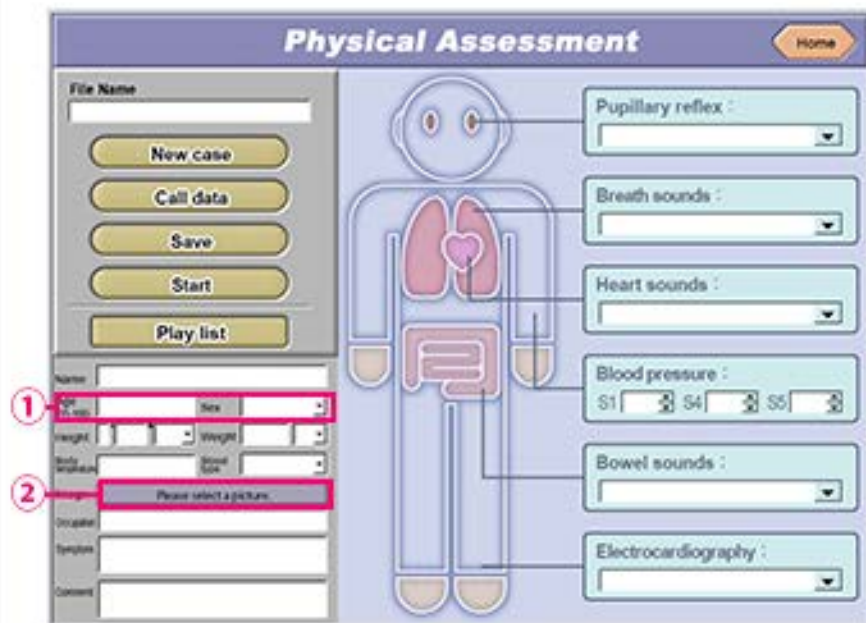
## How to save the file

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.
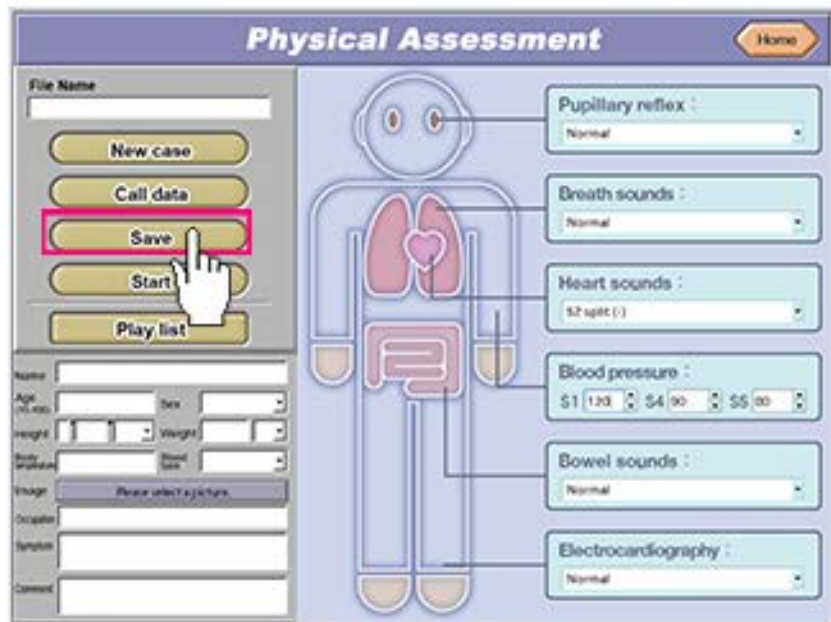
# How to delete a file_1

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.
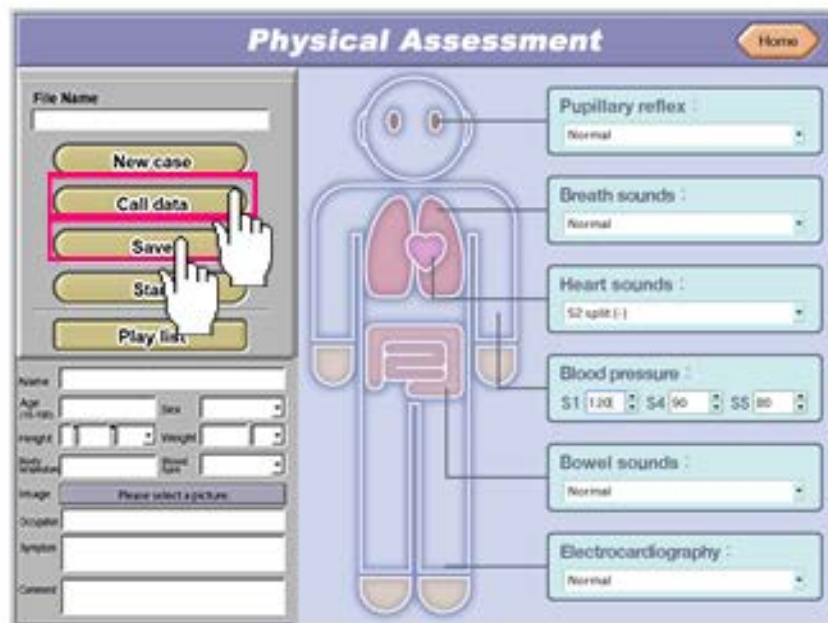
## How to call a file

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.
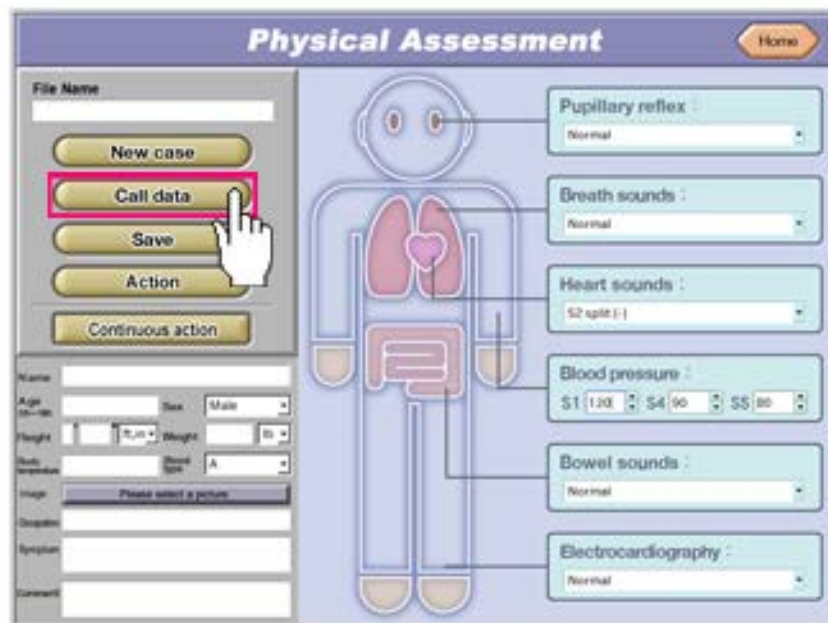
## How to call a file_3

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
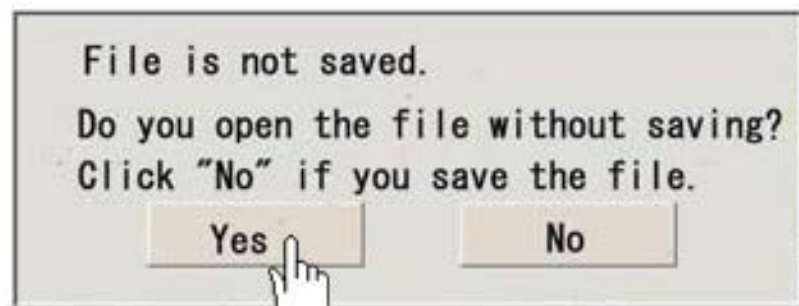
## Play list

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.

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## 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.