



**Vital Signs Monitor Simulator
for Emergency Care Training**

Quick Start Guide
Ver.1.1

7th February 2023

Penguin System Co.,Ltd.



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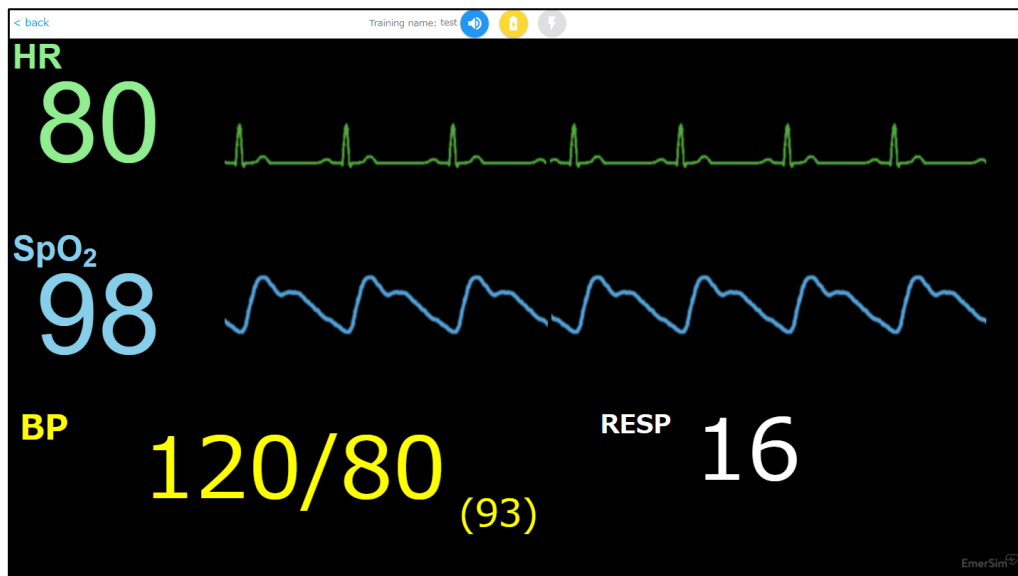
Manual version	Date of issue	Content
1.0	2021/7/7	First edition
1.1	2023/2/7	Price update

[EmerSim®] is a registered trademark of Penguin System Co.,Ltd.

1. What is [EmerSim®]?

[EmerSim®] is a product which used for emergency and lifesaving training. In [EmerSim®], the simulated vital sign monitor which is used by the students is called "Monitor". The trainer (instructor) in addition to the "Monitor", can use the screen called "Controller" and can freely change the vital signs value.

"Monitor" screen



"Controller" screen



[EmerSim®] does not require special equipment, use it with your computer, tablet, or other devices with Web browser.

In Web browser, "Monitor" or "Controller" will be displayed.

2. [EmerSim®] usage fee

[EmerSim®] has 2 usage fees

Basic contract: \$16 (€15) / Month

Training ticket (1 training/1 hour): \$10 (€9) / Hour

(€ for EURO area only)

After purchasing [EmerSim®] basic contract, purchase training tickets in training management site (which mentioned in later chapter).

Tickets are used to hold a training.

With 1 ticket it is possible to hold 1 training for 1 hour.

“1 training” is basically URL for “Monitor” and “Controller” .

For example, to hold 1 training for 2 hours, 2 tickets will be used.

3. [EmerSim®] Web sites

[EmerSim®] is consist of 3 Web sites.

① Product introduction Web site

[EmerSim®] introduction site, it is mainly used before purchasing.

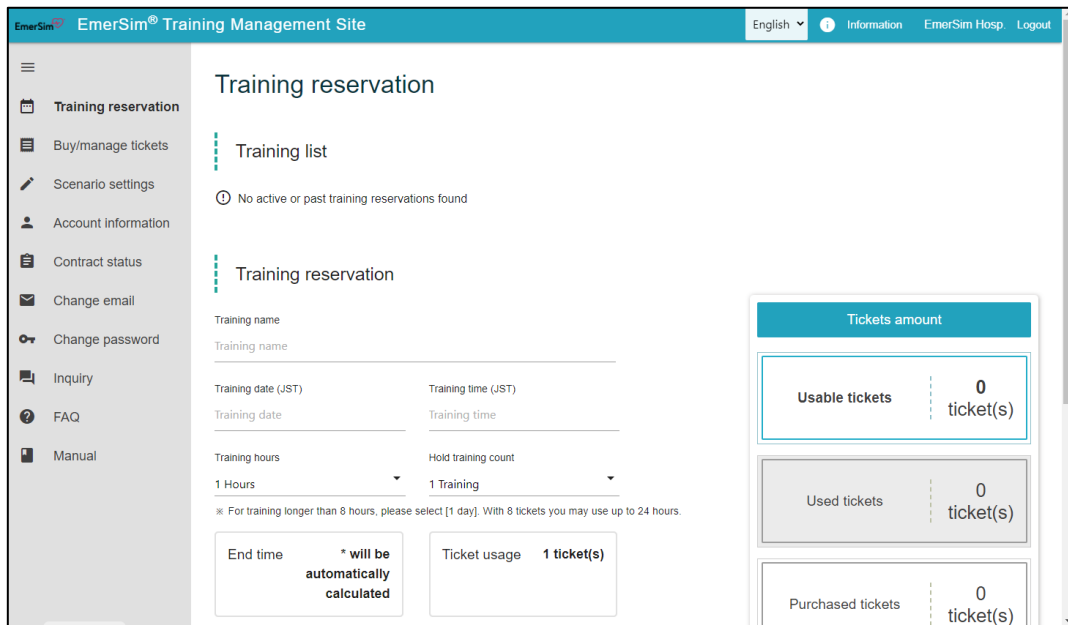
<https://emersim.jp/>



② Training management Web site

Training management site is used for login, purchasing basic contract, and holding a training. Tickets may also be purchased here.

<https://euqtr.emersim.jp/>



③ [EmerSim®] Web site

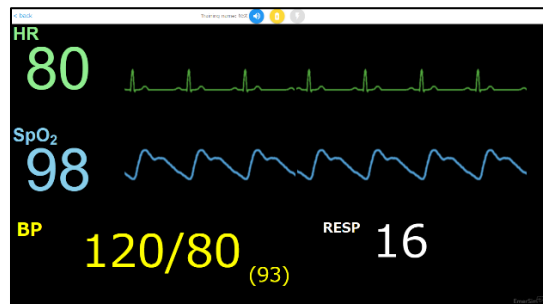
[EmerSim®] Web site is automatically assigned after training reservation done in training management site. 2 URLs will be assigned.

“Controller” URL, which is used by trainer (instructor) and

“Monitor” URL, a simulated vital sign monitor, which is used by students.



“Controller” screen example



“Monitor” screen example

4. Let us begin!

There are 3 steps when using [EmerSim®] for the first time.

- ① Register account
- ② Usage application (EmerSim® basic usage fee is €15 per month. Though, in this time, it costs €12 per month as "EmerSim® 1st year campaign".)
- ③ Purchase training ticket and register training

With above steps done, now it is only to start training!

The first three steps will be explained in order below.

4.1 Register account

First, create an “account” , which is used to use [EmerSim®].

Please access URL below. Account registration is free of charge.

<https://euqtr.emersim.jp/session/signup>

The screenshot shows the 'EmerSim® account registry' page. At the top, there is a header with the EmerSim logo, the site name, a language dropdown set to 'English', and an 'Information' link. Below the header, a message box states: 'Please refer to quick start guide for 3 step details and procedure. (* For companies that purchase EmerSim for hospital, etc. by proxy, please refer to this procedure)'. The main form area is titled 'EmerSim® account registry' and contains the following fields and options:

- Hospital / School name: EmerSim Hospital
- Department / Subject name: School (medical science, nursing, etc.)
- Language: English (dropdown menu)
- Administrator name: EmerSim Admin
- Administrator email address: emersim@penguins.co.jp (marked as * used for login)
- Password: (masked with dots)
- Confirm password: (masked with dots)

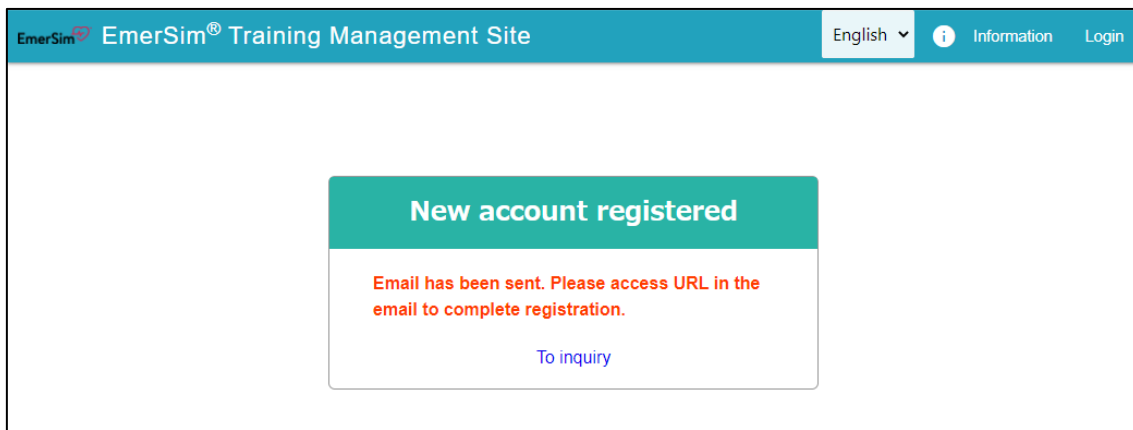
Below the password fields, there is a note: '* Password must have more than 10 characters and contain at least one UPPERCASE letter, lowercase letter, digit (0,1,2,etc.) and special character (!\"#\$%&'()*+,-./:;<=>?@[\\]^_`{|}~)'. There are two checkboxes, both checked: 'I agree to user policy conditions' and 'I agree to privacy policy conditions'. A green 'Register account' button is at the bottom of the form. Below the button, it says 'For already registered user, please login'. The footer contains the copyright notice: 'Copyright © 2020- Penguin System Co.,Ltd. All rights reserved. [EmerSim®] is a registered trademark of Penguin System Co.,Ltd.'

Password will be used for “Training management site” at all times.

For safety, password must have more than 10 characters and contain at least one UPPERCASE letter, lowercase letter, digit (0,1,2,etc...) and special character (!@#\$%^&'()*+,-./:;<=>?@[_`{|}~).

Enter required fields and press on [Register account] button.

The next screen will be displayed.



An email will be sent at the email address you entered earlier,
please proceed to the URL provided in the email.

(Email example)

Title: [EmerSim] New account application

To EmerSim customer

We have received new account register application.

Please complete registration by accessing URL below.

<https://euqtr.emersim.jp/session/register?tkn=12345678-1234-1234-1234-123456789012>

[EmerSim] Official Site <https://qtr.emersim.jp/>

Login to EmerSim training management site

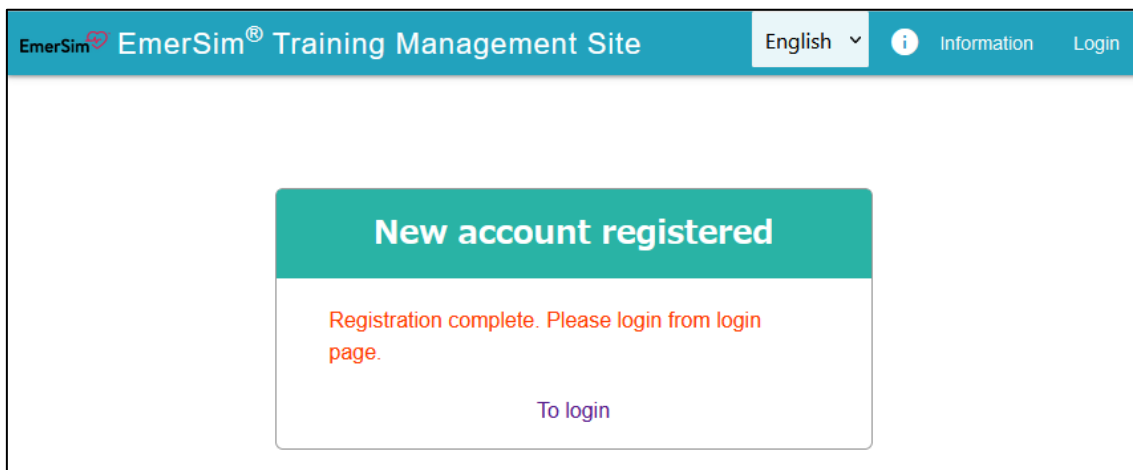
<https://euqtr.emersim.jp>

- Inquiry

<https://euqtr.emersim.jp/inquiry>

Operating Company: Penguin System Co.,Ltd. (<https://www.penguins.co.jp/en/>)

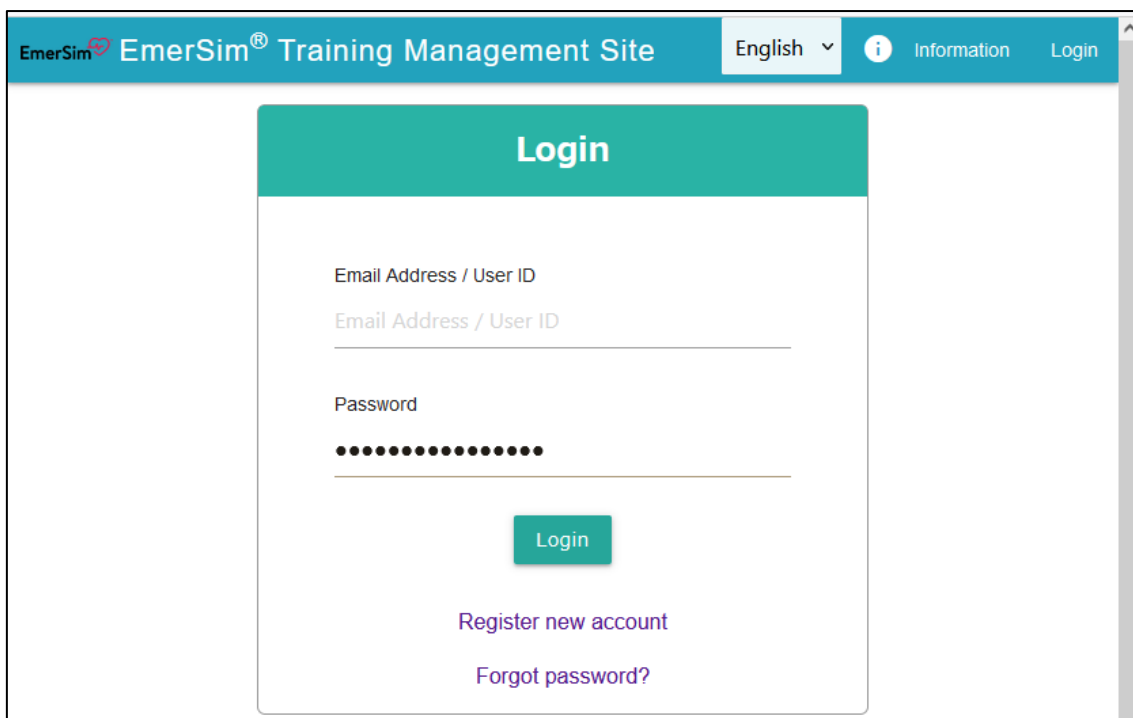
With URL accessed, account registration should be completed and
screen below will be displayed.



Click on [To login] link to proceed to login page.

Login page will be used from now on as entrance to the Web site.

<https://euqtr.emersim.jp>



To login, please enter email address and password that you registered earlier.

With successful login, account registration is now complete!

4.2 Let us proceed to usage application! (monthly contract)

After login, please proceed to [Usage application]. This is procedure of basic usage fee €15 (€12 per month as "EmerSim® 1st year campaign").

Please select credit card payment.

As usage application completed, following screen will be displayed

The screenshot displays the 'EmerSim® Training Management Site' interface. The top navigation bar includes 'English', 'Information', 'EmerSim Hospital', and 'Logout'. The left sidebar lists various user actions: Training reservation, Buy/manage tickets, Scenario settings, Account information, **Contract status** (selected), Change email, Change password, Inquiry, FAQ, and Manual.

The main content area is titled 'Contract status' and contains two primary sections:

- Usage status:** A card showing 'Usage start date: 2021-07-16' and 'Maximum simultaneous training count: 6'. A green button labeled 'Check payments (external payment site)' is located at the bottom right of this card.
- Payments list:** A table with the following data:

Target term start date	Target term end date	Payment method	Payment date	Payment status	Payment due
2021-07-16	2021-08-16	Credit card	2021-07-16	Payment confirmed	-

A note below the payments list states: '* If payments are done with credit card, billing will be proceeded monthly and terms will be updated.'

4.3 Purchasing training tickets, reserving training

This is the last step. All left to do, is to purchase training tickets and reserve training to hold a [EmerSim®] training. From left menu, proceed to [Buy/manage tickets] page to purchase tickets. 1 ticket is used for 1 training for 1 hour. There are also 25, 50 or 100 value tickets pack.

The screenshot displays the 'Buy/manage tickets' interface. On the left is a sidebar with navigation links: Training reservation, Buy/manage tickets (active), Scenario settings, Account information, Contract status, Change email, Change password, Inquiry, FAQ, and Manual. The main content area is titled 'Buy/manage tickets' and includes a sub-header 'Purchase, manage and check tickets from this page'. Below this is a 'Purchased ticket list' section with a message: 'No tickets purchase history.' There are four green buttons for purchasing tickets: 'Buy 1 ticket(s)(€4)', 'Buy 25 ticket(s)(€90)', 'Buy 50 ticket(s)(€170)', and 'Buy 100 ticket(s)(€320)'. A 'Ticket price table' is also present, showing the relationship between purchase count, list price, selling price, discount rate, and unit price.

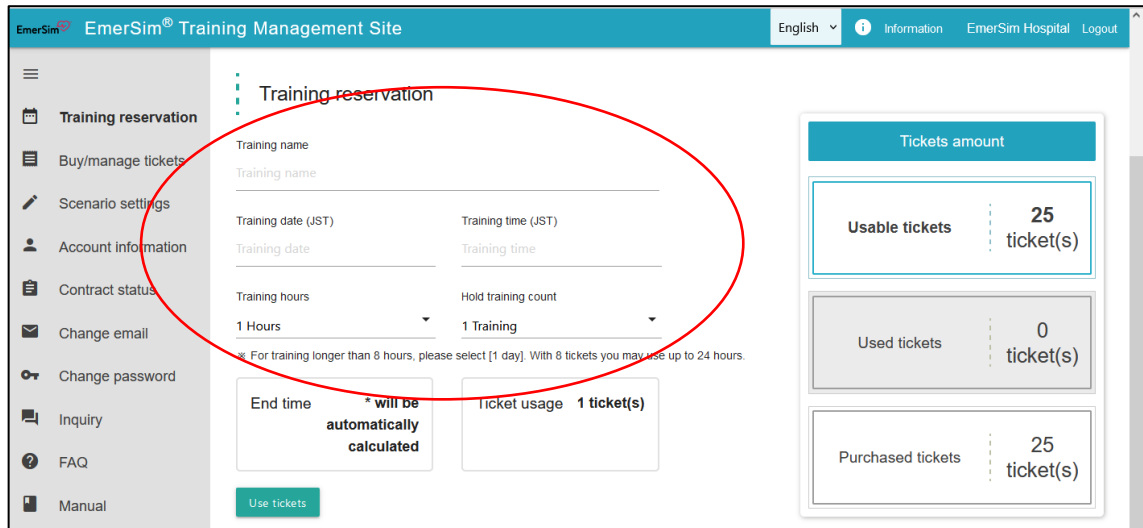
Purchase count	List price	Selling price	Discount rate	Unit price
1 ticket(s)	€4	€4	-	€4
25 ticket(s)	€100	€90	10%	€3.6
50 ticket(s)	€200	€170	15%	€3.4
100 ticket(s)	€400	€320	20%	€3.2

In the top right corner, a box labeled 'Tickets amount' shows 'Usable tickets' as 0 ticket(s).

Tickets do not have expiration date. (However, it is not possible to use tickets with expired basic monthly contract, please keep your basic monthly contract active)

5. Finally holding a training !

On left menu of training management site, proceed to [Training reservation] to reserve training.



The screenshot shows the 'EmerSim® Training Management Site' interface. On the left is a sidebar menu with options: Training reservation, Buy/manage tickets, Scenario settings, Account information, Contract status, Change email, Change password, Inquiry, FAQ, and Manual. The 'Training reservation' option is selected. The main content area is titled 'Training reservation' and contains a form with the following fields: Training name (text input), Training date (JST) (text input), Training time (JST) (text input), Training hours (dropdown menu set to '1 Hours'), and Hold training count (dropdown menu set to '1 Training'). Below these fields, there is a note: '* For training longer than 8 hours, please select [1 day]. With 8 tickets you may use up to 24 hours.' At the bottom of the form, there are two boxes: 'End time' with the text '* will be automatically calculated' and 'Ticket usage' showing '1 ticket(s)'. A green 'Use tickets' button is at the bottom left of the form. On the right side of the page, there is a 'Tickets amount' section with three boxes: 'Usable tickets' showing '25 ticket(s)', 'Used tickets' showing '0 ticket(s)', and 'Purchased tickets' showing '25 ticket(s)'.

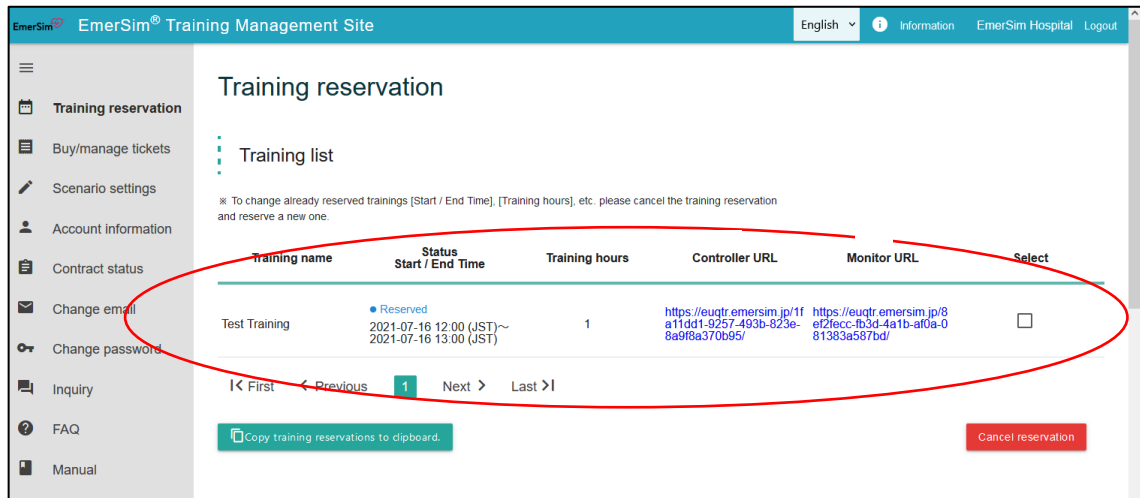
Please enter “Training name”. It will be displayed on top of the [Monitor] and [Controller] during the actual training. (While there no limit to training name length, on top of the [Monitor] and [Controller] first 12 letters of training name will be displayed).

Please enter “Training date”, “Training time”, “Training hours” and “Hold training count”.

“End time” and “Ticket usage” will be calculated automatically.

Please check the values and press on “Use tickets” to confirm.

As training reservation completes, registered training information will be displayed in [Training list] on top of the [Training reservation].



By accessing URL that displayed in “Controller URL” and “Monitor URL” during training time, “Controller” and “Monitor” page will open and it is possible to start training. During training reservation time, you can access URL from this page or share it with instructor by email etc.

In that case, please use [Copy training reservations to clipboard.] button.

By pressing this button, training reservation information will be copied to clipboard, and it is possible to [paste] it in email etc. Please see how it possible to paste training reservation information in the example below.

(Training 1)

Training name: test training

Start time: 2021-07-16 12:00 (JST)

End time: 2021-07-16 13:00 (JST)

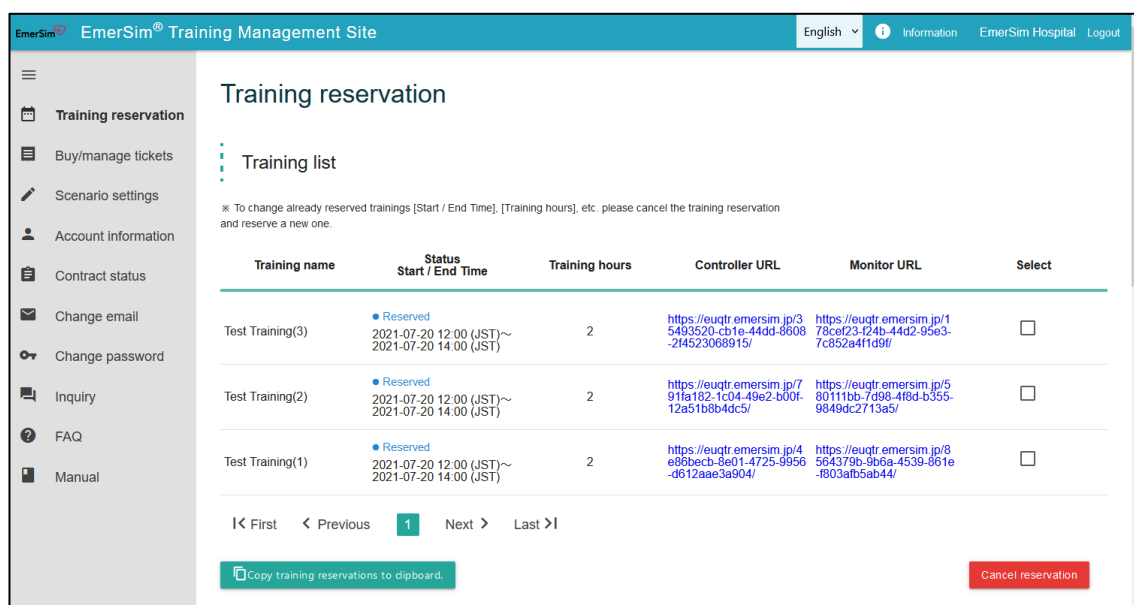
Training hours: 1

Controller URL: <https://euqtr.emersim.jp/xxxxxxxxxxxxxxxxxxxxxxxxxxxxx/>

Monitor URL: <https://euqtr.emersim.jp/yyyyyyyyyyyyyyyyyyyyyyyyyyyyyy/>

* Caution: When notifying others with “Controller” or “Monitor” URL, please refrain from pasting the information in SMS applications such as Line or Facebook Messenger, and use email etc. instead. By notifying URL with SMS applications, such as Line or Facebook, clicked URL will open [EmerSim®] in SMS internal browser, which [EmerSim®] does not support. Please use [EmerSim®] with general browsers.

When, for example holding 3 trainings in parallel in single training course, please select 3 trainings in “Hold training count”. Training names will be separated in (1) - (3), and 3 sets of “Controller” and “Monitor” will be displayed as below.



6. Using [EmerSim®]

Please refer to separate [User Manual].

7. FAQ

Q1. Is it possible to use “Monitor” with multiple devices?

Al. Yes, there no limit to “Monitor” devices.

Q2. Is it possible to use “Controller” with multiple devices?

A2. Yes, it is possible to use multiple devices. However, be aware when second “Controller” device is connected, the values displayed on the “Monitor” will be reset. Generally, it is recommended to use single device as “Controller” .

Q3. While vital sign values are set in scenario, is it possible to register my own scenario?

A3. Yes, please proceed to “Scenario settings” on left menu of training management site, it possible to add and edit scenarios in the page.

Q4. Is there tickets expiration date?

A4. No, there no expiration date to tickets.

However, it is not possible to use tickets to hold trainings with expired basic contract, please keep your basic monthly contract active.

In case you wish to completely delete your account, it can be done by accessing “Delete account” from “Account information” in training management site, please be aware, that remaining tickets will also be deleted.