Welcome to Vivo, the facilitator-driven software that puts you in full control of your simulations. This guide will help you get started using the Vivo tablet with the simulator.

**IMPORTANT:** Before running Vivo, make sure that no application of Müse is open for the simulator using Vivo. Only one application of either Vivo or Müse can be open at any given time across all platforms, laptop or tablet. Be sure to close and exit Vivo when not in use.

**NOTE:** When using Vivo on a laptop, refer to the document Vivo Configuration For a Laptop for setup and access instructions. A mouse-click on a laptop replaces the “tap” or “swipe” used on tablets.

Remember to make sure the tablet is fully charged prior to each use.

### Tablet Setup

1. Power on the simulator first, and wait at least 3 minutes while the simulator establishes a wireless network. The power light will turn solid when ready.

   **TIP:** It is recommended to wait 2 minutes after the mannequin power light is solid, before starting the tablet.

2. Power on the Vivo tablet. The power button is located on the top-right side of the tablet.

Once the simulator and the tablet are both powered on, they automatically establish a WiFi connection.

**TIP:** For the initial WiFi connection, it may be necessary to have the tablet very close to the simulator.

For the initial (first-time) startup, or if the WiFi does not automatically connect, perform the following steps to establish a WiFi connection to the simulator:

1. Swipe down from the top of the tablet screen to access the menu heading.

2. Tap or swipe down on the WiFi icon to access the menu.

3. Tap the WiFi icon dropdown.

   Tap the simulator network (Example: ATHXXXX, where XXXX is the serial number for the unit).

4. If necessary, enter the password `metiadmin`, then tap **Connect**.

5. Tap the tablet square `◧` to minimize the windows. It may be necessary to first swipe up from the bottom of the tablet screen to show the tablet square `◧`.

6. Swipe the window right or left (off the screen) to close.

The WiFi icon will show it as connected (an exclamation point may show beside the icon, this is ok).

The Vivo tablet is connected and ready to use.
Tablet Tips

- A touch screen stylus may be helpful while using the tablet.

- The tablet must have a WiFi connection to the simulator in order to run Vivo. To verify the Vivo tablet is connected to the simulator WiFi, swipe down from the top of the tablet screen to access the menu heading. Then, tap or swipe down on the WiFi icon to access the menu. The simulator should be shown under the WiFi icon.

  ![The WiFi Icon]

- Depending on your location, it may be necessary to keep the tablet close to the simulator to maintain the WiFi connection.

- Prior to running Vivo, it is recommended to lock the screen orientation in landscape view for optimal performance. To lock the screen in landscape view:
  
  - Hold the tablet landscape and swipe down from the top of the screen to access the menu heading. Then, tap or swipe down on the menu heading to access the menu.
  
  - Tap on the Auto-rotate icon to lock the landscape view.

![The Menu]

- If Vivo is closed accidentally, tap the tablet square to show any available running windows. If available, select the Vivo window.

- Various screens have a back button. Tap the back button to return to previous screen.
Opening Vivo - Running A Simulated Clinical Experience (SCE)

IMPORTANT: Before running Vivo, make sure that no application of Müse is open for the simulator using Vivo. Only one application of either Vivo or Müse can be open at any given time across all platforms, laptop or tablet.

Verify the WiFi is connected to the mannequin before launching Vivo (see Tablet Tips on previous page). If the WiFi is not connected, close and exit Vivo; then connect the WiFi before launching Vivo.

Tap the Vivo icon to launch Vivo (Vivo tablet only; for laptop use, launch the Chrome browser).

The Simulator Selection window may open before the Start screen. If so, tap to highlight the desired simulator, then tap Use Selected. If the Simulator Selection window does not appear, then Vivo is automatically connected to the only available simulator and is ready to use.

The Start screen will open.

TIP: Click the globe dropdown for language selection.
Run an SCE

To run an SCE, from the Start screen, tap the **Run (SCE)** icon.

The SCE selection window will open. Tap run on the fly; or tap on the **SCE name** dropdown to select an SCE and see its description (scroll through the description to read its entirety).

**TIP:** Vivo comes with preconfigured SCEs for selecting and running simulations. Scroll through a description to read its entirety. The list of SCEs will include your saved SCEs and may vary depending on your software version.
Tap **BEGIN SIMULATION**.

![The SCE Selection Window](image)

The preconfigured SCEs

The SCE Selection Window

Vivo will open to the Run screen.

![The Run Screen](image)

The Play/Next icon

The Run Screen

**IMPORTANT:** For preconfigured and saved SCEs, Vivo starts with a base patient. You will need to tap on the Play/Next icon to begin the SCE. Refer to the *Pathways* section for more information.
Develop an SCE

To develop an SCE, from the Start screen, tap the Develop (SCE) icon.

**The Start Screen**

The Develop SCE window will open.

**The Develop SCE Window**

SCEs can be created, copied, adjusted, saved, deleted, and run as desired.
Using Vivo

The Run Screen

When an SCE is running, Vivo is facilitator-driven and fully adjustable. The top toolbar shows the play/pause/stop buttons, identifies what SCE is running, and shows the SCE clock.

The tile rows show the parameters and headers. Tile rows can be viewed or collapsed by tapping on the black header bar or on the dropdown of each row.

The bottom toolbar shows the Pathway(s) and countdown timer.

**TIP:** Vivo can also be used with a TouchPro™ Patient Monitor to display patient physiology.
Tiles and Windows

Tap on a tile to adjust the parameters. The parameters window will open and can be applied as desired. Buttons, dropdowns, scroll lists, and slider bars are available based on each parameter.

The Tile and Parameter Window

Examples

• For parameters with a + / – option, the parameter can be adjusted directly by tapping on the + or –.

A blue highlight in the corner of the parameter identifies that a change has been made to that parameter.

NOTE: When making a change to a parameter with a waveform, such as CVP, the Vivo tablet tile will display the change, then remain fixed (non-animated) on the tile display.
• An orange highlight in the corner of the tile identifies an automated change in the parameters displayed. The three controls that will override vitals and activate an automated change are: Apnea, Pulseless Electrical Activity, and Non-contractile cardiac rhythms.
  ◦ The automated changes can be overridden, thereby making the orange highlights disappear.
  ◦ The automated changes will return to the previous values when the associated control has been removed.

The Tiles With Automated Physiology Highlight

• For parameters with a left and right option (lungs, eyes) the left and right parameters can be adjusted independently or together.

For example, tap on either side or both sides of the Patient Vitals Lungs tile to highlight the selection.
Tiles with a notes icon allow for data capture. Tap the tile to open the data capture window. Refer to the Right-Swipe and Left-Swipe section for more information on the data capture window.

**The Tile With Notes Icon**

- Tap on the Eyes tile to open the parameters windows and control the eyes independently or together.

**The Eyes Tile**

**NOTE:** The blink speed can be adjusted, however the Vivo tablet tile does not display the eye blink animation.

**The Eyes Parameter Window**
• Tap on the CPR tile to open the parameters window.

![CPR Tile]

**The CPR Tile**

The CPR parameters window displays the results when chest compression or ventilation is performed. Tap **Start/Stop Timer** to use the timer. Tap **Change User** to reset the timer.

![CPR Parameter Window]

**The CPR Parameter Window**
Right-Swipe and Left-Swipe

Swipe right on the Run screen to open the **Medications** window. Then, tap **ADD MEDICATION** to select the drug, amount, and type. Custom amounts are also available to enter.

**NOTE:** Adding medications only enters that medication into the log and does not affect the physiology.

Tap the red – and then the red X to remove a drug.

Tap the X or swipe the window left to close the window.

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**The Medications Window**

Swipe left on the Run screen to open the data capture/checklist window. The data capture/checklist window allows for checkoffs and note taking.

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**The Data Capture Window**

Depending on the previous action, swiping left opens the data capture/checklist window for the most recently accessed data.

For example:

- If no right-swipe has been made, then the **Patient Management** window will open with a left-swipe.

- If **Medications** are accessed with a right-swipe, then the **Drugs** window will open with a left-swipe.

- If the **Intubation** tile (with notes icon) is accessed, then the **Intubation** window will open with a left-swipe.

Tap the X or swipe the window right to close the window.
Pathways

The pathway toolbar is located at the bottom of the Vivo screen. The pathway toolbar shows the pathway predictor, the Current pathway, the Next pathway queue, and the countdown timer.

NOTE: Run on the fly SCEs will display “Current pathway” and “Next pathway”. Preconfigured and saved SCEs will display “Current state” and “Next state”.

Preconfigured and saved SCEs

IMPORTANT: Vivo starts with a base patient. Tap on the Play/Next icon to begin the SCE. Then select a state in the Next state dropdown to queue up the next state. Tap on the Play/Next icon to play that next state.

The countdown timer shows the time remaining to the next state. Tap the countdown timer to pause and resume.

Run on the fly SCEs

Run on the fly SCEs have the same pathway features, plus the ability to adjust the pathway predictor.

Tap the pathway predictor to access the Pathway Editor. Pathways can be created, copied, run, and fully customized.

When parameters are in (or added) to the pathway, those parameters can be adjusted by dragging any point on the parameter to any position.

TIP: If more than one parameter is in the pathway, be sure to tap and select the desired parameter tab before adjusting the parameter.
Stopping An SCE

To stop an SCE, tap on the stop button. Then tap OK on the verification popup.

The Session Debriefing window will appear.

When finished debriefing, select Exit To Start Screen or Start Next Session.

IMPORTANT: Be sure to complete debriefing before exiting the debriefing window. Returning to debriefing window or accessing a debriefing log is not available.
Exiting Vivo

**IMPORTANT:** Stop the running SCE and return to the Start screen prior to exiting Vivo.

To exit Vivo on the Vivo tablet, tap the tablet square 📵 to shrink the window. It may be necessary to first swipe up from the bottom of the tablet screen to show the tablet square 📵.

### The Tablet

Swipe the Vivo window right or left (off the screen) to exit.

### The Open Windows

To exit Vivo from the Chrome browser, close and exit the browser.
Clearing the Data Cache on the ViVO Tablet

For optimal performance, it may be necessary to occasionally clear the data cache on the ViVO tablet.

To clear the data cache and reset ViVO to the default state:

1. Ensure ViVO is exited and closed.
2. On the tablet screen, open the **Settings** icon.
3. Select **Apps** (under the **Device** tab).
4. Select ViVO.
5. Tap **Clear Data**, then **OK** on the verification window.
6. Tap the tablet square [ ] to shrink the window, then swipe the **Settings** window right or left (off the screen) to exit.

**TIP:** Clearing the ViVO data cache will not delete any user-created SCEs.
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Tel +1 941-377-5562 or 866-233-6384

For customer service, please contact CAE Healthcare.

**Customer Service Headquarters - United States and Latin America**
Monday - Friday from 7:00 a.m. to 6:00 p.m. ET
Phone 1-866-462-7920
Email: customerservice@caehealthcare.com

**Customer Service - Canada**
Monday - Friday from 8:00 a.m. to 5:00 p.m. ET
Phone 1-877-223-6273
Email: can.service@caehealthcare.com

**Customer Service - Europe, Middle East, Africa, India, Asia and Australia**
Monday - Friday from 8:00 a.m. to 5:00 p.m. CET
Phone +49 (0) 6131 4950354
Email: international.service@caehealthcare.com

**Customer Service - United Kingdom and Ireland**
Monday - Friday from 9:00 a.m. to 5:00 p.m. GMT
Phone +44 (0)800-917-1851
Email: uk.service@caehealthcare.com