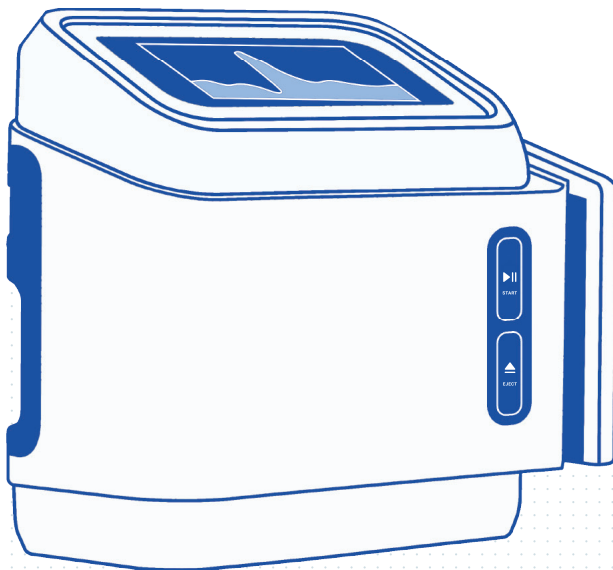


FIZE kUO®

Monitoring System

Quick Guide



Power On/Off

- 1 Mount the FIZE kUO® Console to the bed railing using the attached hooks
- 2 Connect Console to FIZE kUO power supply, and plug it into an electric socket* (Image 1B)
- 3 Turn device on by pressing the On/Off button (Image 1A)

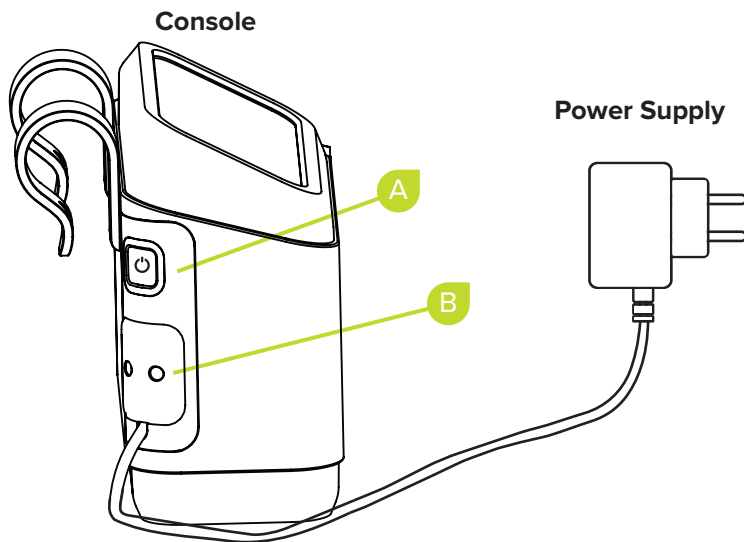


Image 1: Turning device on/off

*The FIZE kUO console operates on battery (up to 4 hours), so power can be connected later if needed.

Power On

Disposable Kit

To connect the FIZE kUO® disposable kit:

- 1 Open the FIZE kUO® Kit sterile package.
- 2 Remove the cap from the kit and attach the FIZE kUO® disposable kit to the catheter according to facility standard practices for connecting urine collection systems to indwelling catheters.

Note:

If capturing initial urine is needed, close clamp before connecting to catheter and open after kit is in console

- 3 Insert the disposable kit cassette into the console (Image 2).
- 4 Ensure the tubing is adequately secured to the patient, and hang the urine collection bag off the bed below the patient's level.

The FIZE kUO® measures urine as it enters the catheter—no need to milk the tubing, as all urine is already measured.

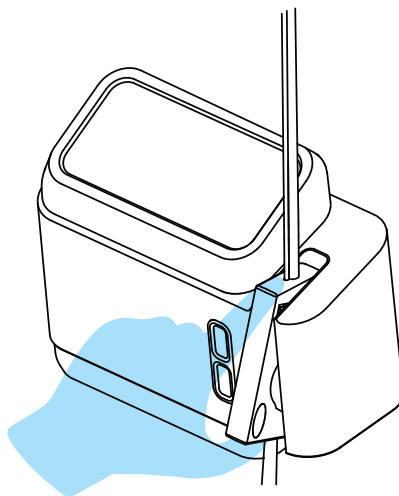
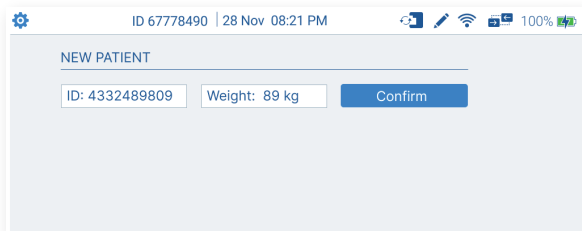


Image 2: Cassette Insertion

Define Patient

- 1 Enter Patient details (Image 3).

Once a new patient is saved, data such as patient identifier, weight, monitoring history, kit usage metrics and more are saved to the kit.



The screenshot shows a mobile application interface for defining a new patient. At the top, there is a status bar with a gear icon, the text 'ID 67778490 | 28 Nov 08:21 PM', and various system icons including a printer, a pencil, a Wi-Fi signal, a battery level at 100%, and a green battery icon. Below the status bar, the title 'NEW PATIENT' is displayed. Underneath the title, there are two input fields: 'ID: 4332489809' and 'Weight: 89 kg'. To the right of these fields is a blue button labeled 'Confirm'.

Image 3: New Patient details

- 2 Click 'Start Monitoring' (Image 4).

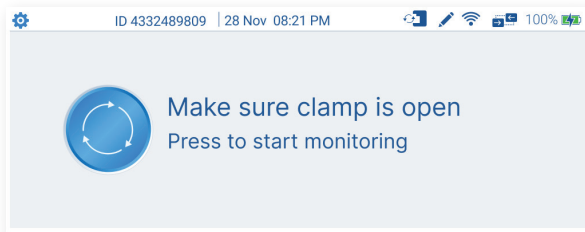


Image 4: Click start monitoring

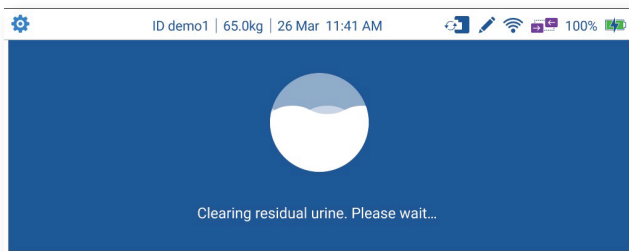


Image 5: Initialization animation

During initialization (Image 5), excess urine volume is emptied according to individualized patient-appropriate levels, as determined by FIZE kUO[®] algorithms. The emptied volume is displayed at the end of the animation and can also be viewed in the monitoring display by pressing the drop icon in the trendline display. This amount is included in the hourly total.

Monitoring Display

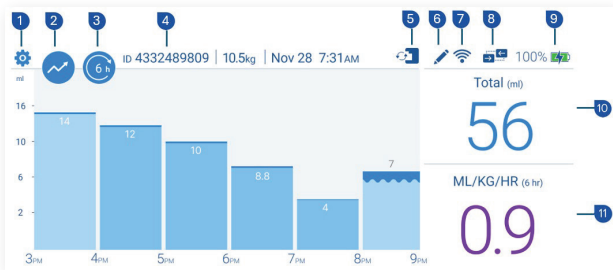


Image 6 – Patient Monitoring Screen – bar chart display
Complete legend in next page

In the bar chart display, each column represents a measurement from a single hour in ml units.

The light blue column represents a measurement from a partial hour, for example:

- A measurement still in progress
- A measurement from an incomplete hour

Once a measurement from a full hour is complete, the light blue column will turn dark blue.

To edit urine output volume:

1. Long press the In Progress bar.
2. Fill in the volume you would like to add or remove in the pop-up window (Image 8) or press the pencil icon (Image 7 - 6).
3. Press Save

Once manually edited, the bar will appear green (Image 9). The volume edited can be viewed by pressing the drop icon.

Volume editing can be relevant in two cases:

1. Subtracting volume added to the tubing during a catheter-flushing.
2. Adding missing urine volume produced while the cassette was released from the console.

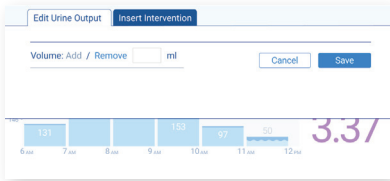


Image 7 - Urine Output Edit feature

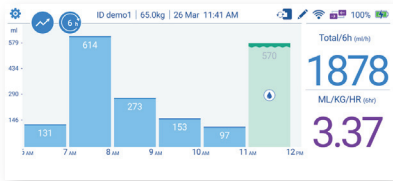


Image 8 - Manually edited bar

Monitoring Display

Label	Name	Description
1	Settings icon	Enter the settings screen
2	Graphic display	Switch display from bar chart to trendline
3	Time window	Select the preferred timeframe
4	Patient ID	View patient ID
5	Cassette Status	See the number of days cassette is in use
6	Manual UO Edit / Insert Intervention	Insert an intervention (diuretic, fluid bolus, etc.) Intervention event can be viewed in the trendline view
7	WIFI Status	Appears when device is connected to WIFI
8	EMR connectivity	EMR connection active
9	Battery status	View battery status
10	General metrics	Total urine output and average urine output in the selected time window
11	Weight-adjusted average urine output	Weight-adjusted average urine output
12	Drop Icon	Appears only in one of two cases, to display residual urine at cassette insertion or when volume was

Table 1 – Patient Monitoring Screen Icons

Alerts

Possible Catheter obstruction

The system has detected a potential catheter clog. Check if the catheter is clogged, and manage according to hospital guidelines. (Image 9)

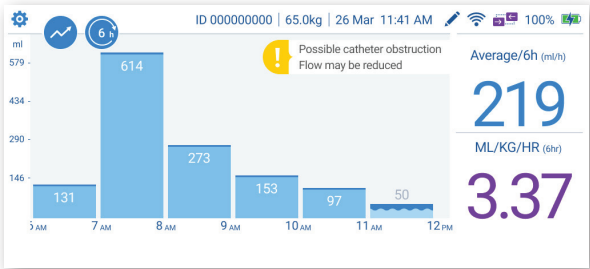


Image 9: Possible Catheter obstruction alert

Tubing obstructed

Make sure tubing is unclamped, free of kinks. And properly secured to the catheter. If the issue persists, replace kit.



Image 10: Tubing obstructed alert

Kit Expiration alert

The disposable kit is considered expired after 14 days or after reaching its maximal drainage capacity. Replace the kit as described in the Patient Care section. Kit status can be viewed at any time by pressing the cassette icon in the upper toolbar (see Image 6 label 6).

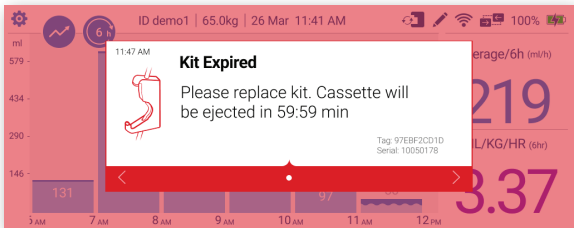


Image 11: Kit Expiry alert

Alerts

Clinical alerts

Appears when urine output is above or below the defined threshold (Image 12)

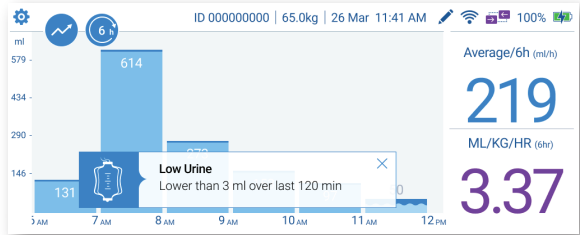


Image 12: Clinical alert example

The alerts can be adjust according to preference through the Settings menu, under the Patient > Clinical Tab (Image 13)

To enable/disable alert press the Toggle icon

To turn on/o sound alert press the speaker icon

To edit urine output thresholds press the pencil icon

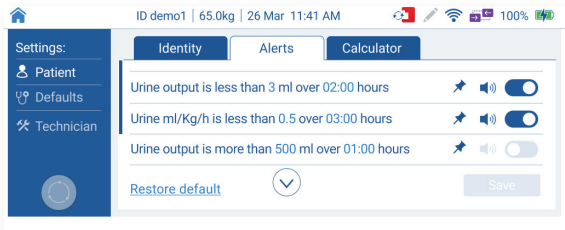


Image 13: Clinical alert Editing

Patient Care

Kit Replacement

- 1 Eject cassette by pressing the Eject button (Image 14B).
- 2 Disconnect kit from catheter and attach a new disposable kit as described in the 'Disposable Kit' section

The device will track and alert when a kit needs replacement as shown in the 'Alerts' section.

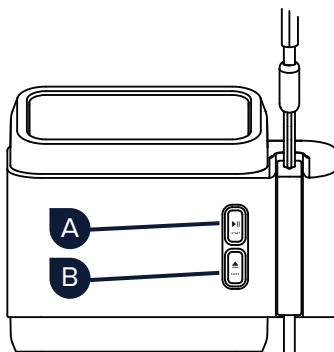


Image 14: Buttons on console

Urine Sampling

Urine sample may be collected while monitoring through the dedicated urine-sampling port, using a compatible, needle-free syringe. **Avoid using needles, thus introducing air into the system.**

Avoid pausing the device or clamping the tube while sampling.

Catheter Irrigation

Catheter flushing can be performed through the sampling port or directly through the catheter. Make sure to perform catheter flushing according to hospital guidelines.

To flush through urine-sampling port:

- 1 Close clamp below the catheter.
- 2 Lock needleless syringe into designated port and steadily introduce flushing fluid.
- 3 If necessary, deduct the inserted volume using the Urine Output Edit feature (see Monitoring Display section).

To flush directly through catheter:

- 1 Pause monitoring by pressing the Start/Pause button (Image 14A).
- 2 Disconnect disposable kit from catheter.
- 3 Perform catheter flushing according to hospital standard of care.
- 4 Reconnect disposable kit to catheter – make sure kit is firmly connected to catheter.
- 5 Resume monitoring

Patient Transfer

To transfer a patient with the console, disconnect the console from the power supply (Image 1B). The device may run on its battery for up to 4 hours. If you wish to temporarily disconnect the patient from the console, press the Eject button (Image 14A). Kit will be released and urine will flow into the collection bag without being measured.

To transfer the kit between two consoles, eject the cassette (Image 14A). Insert the cassette into the new console and press Start monitoring (Image 4). Patient identifier, weight, and the last 12 hours of monitoring will automatically transfer and save into the new console.

MR Safety

The FIZE kUO Disposable Kit is MR Conditional, thus it can remain connected to the patient during an MRI scan. The exact MRI conditions are defined in the Instructions for Use. Please review the information to make sure your MRI is included.

Note:

The disposable kit should be located between the patient legs and the urine bag should be located at the end of the bed (on the far side from the MRI scanner). The FIZE kUO® console is MR unsafe.

Training video & more

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