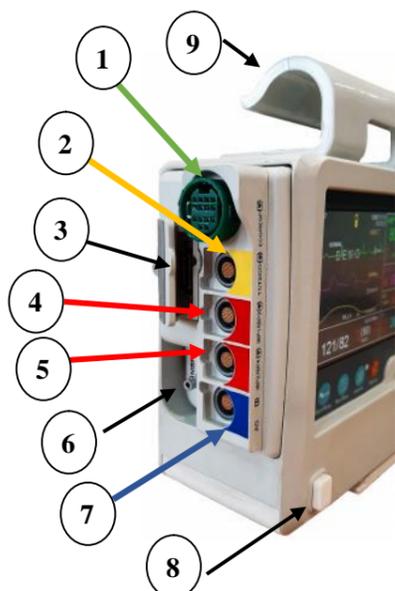# Quick Reference Guide of ARIA

⚠️ **For more information about the device, please refer to User Manual.**

⚠️ **This guide is provided for medical professionals who are knowledgeable about the device function (and its accessories).**

①**ECG Connector**
②**TEMP1,2 Connector**
③**SpO2 Connector**
④**IBP1,3 Connector (optional)**
⑤**IBP2,4 Connector (optional)**
⑥**NIBP Connector**
⑦**CO2, BFA Connector (optional)or**
   The system programming
⑧**Eject button**
⑨ **Aria Station**

Caution: Before monitoring, verify that appropriate patient mode (Adult, Neonate, Pediatric) has been selected.

System Settings (HOME MENU)

- Press **MENU** key to open **HOME MENU.**

- **SETUP:** to set time,date,bed number,language and etc.
- **Patient:** to admit or discharge the patient.
- **SIGMA and TREND:** to view the patient data history(trend and sigma data).
- **ALARM:** to enable or disable alarms and to set alarm volume. It ranges from 1 to 7.
- **REC:** to record signals and numeric parameters using recorder of the station.

Power key

- Press the key to turn on the system.
- The power indicator lights green when the monitor is powered on.

DC IN indicator

- **DC IN:** DC input power supply of the station**.**

Battery indicator

- **Green:** Fully charged.
- **Orange:** charging.

Alarm indicator

- The alarm indicator flashes when an alarm occurs.

Alarm Silence

1. Press **Silence** key to disable the alarm sound for 120 second.
2. Press it again to exit from the silence mode and enable the alarm sound.

Recorder

1. Insert a new roll of paper.
2. Close the recorder door.
3. Press **Rec/Stop** key.

Apnea Alarm Configuration
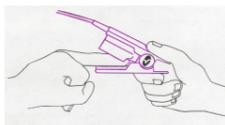
RESP Apnea Alarm Configuration

1. Attach ECG leads to the patient.
2. Make sure that the Respiration waveform is displayed.
3. Click on **RESP parameter** to open **RESP PARAM MENU**.
4. Select **APNEA LIMIT** from the **RESP PARAM MENU** and set the limits.

AWRR Apnea Alarm Configuration

1. Make sure that the CO2 waveform is displayed.
2. Click on **CO2** parameter to open **CO2 PARAM MENU** and choose **ALARM.**
3. Select **APNEA LIMIT** from the **CO2 PARAM MENU** and set the limits.
4. Connect sampling line to the patient.

SpO2 Monitoring

1. Click on SpO2 parameter to open **SpO2 PARAM MENU**. Select SENSITIVITY MODE.
2. Apply the sensor to the patient finger according to the figure.
3. Make sure the nail covers the light window.
4. The wire should rest on the top of the hand.
5. Connect the sensor to the patient cable.
6. Plug the patient cable into the SpO2 socket on the left side of the device.

ECG Monitoring

Patient Preparation

1. Prepare the patient's skin prior to electrodes placement .
2. Put the electrodes on the patient body.Before attachment, apply some conductive gel on the patient's skin if the electrodes are not self-supplied with electrolyte.
3. Attach clip or snap to electrodes prior to placement.

ECG PARAM MENU

- Click on ECG parameter to open **ECG PARAM MENU**.
- **BEAT VOLUME**: to set the heart beat volume.
- **ECG Avg:** Maximum time of HR value changing is based on the selected HR AVERAGE value.
- **HR SOURCE:** to select source of the heart rate.
- **LEAD TYPE:** to select type of ECG cable.

Arr List

- Click on **ECG** parameter to open **ECG PARAM MENU.**
- Select **ARR LIST** from the **ECG/ARR ANALYSIS MENU.** Arrhythmia events and waves are shown in this menu.

ECG TRACE MENU

- Click on **ECG wave form**.
- Set the signal **sweep speed**, **size** and **lead**.
- Select your desired **ECG FILTER.**
- For patient with pacemaker, set **PACE DETECT** to **"ON"**

NIBP Monitoring

1. Connect the air hose to the system.
2. Select an appropriate cuff size for the patient, and then wrap it around the limb directly over the patient's skin.
3. Press **START/STOP** key.
4. The patient should not talk or move during the measurement.

IBP Zeroing

1. Connect patient catheter to the pressure line, making sure that there is no air bubble in the catheter or the pressure line.
2. Click on **IBP parameter** to open **IBP PARAM MENU**. Select your desired label in this menu.
3. Select the measurement unit. (Options: **mmHg, Kpa, cmH2O**)
4. The transducer should be placed at the same level with the patient's heart.
5. Turn off the patient stopcock.
6. The transducer must be vented to atmospheric pressure.
7. Press **ZERO** key to start zeroing procedure.
8. Turn the stopcock to patient on and the other stopcock to atmospheric pressure off.

TEMP Monitoring

1. Click on **TEMP** parameter to open **TEMP PARAM MENU**.
2. Select your desired measurement unit. (options: ºC and ºF)
3. Connect the TEMP probe directly to the monitor.
4. Attach the TEMP probe to the patient and Switch on the monitor.