Quick Reference Guide

Midmark® 800 Digital Vital Signs Device

Read the Midmark 800 Digital Vital Signs Device Instructions for Use, 003-10718-00, before using the device. Refer to the procedural hints on the back side of this guide for best practices.

01 If the Midmark 800 is not already on, start it by pressing the black **Power** button on the front of the device.

02 If a digital scale is connected, position patient on scale for automatic capture of weight data. To manually enter weight, press the **Measurements** button, then press **Weight**, then enter weight using **numeric keypad**. Press **blue checkmark** to save.

03 To enter height, press the **Measurements** button, then press **Height**, then enter height using **numeric keypad**. Press **blue checkmark** to save. (BMI will automatically be calculated when both weight and height are entered.)

04 To enter pain score, press the **Measurements** button, then **Pain Score**, then the **number** corresponding to pain level. Press **Save**.

05 Properly position patient for blood pressure (BP) acquisition. Apply correct size BP cuff to patient's arm. To start a BP measurement, press **Start BP** (or **target BP value** if using Step Method). To change BP measurement method, press the **Menu** button, then **BP Options**. Press the **back arrow** or the **home** button to return to the main screen.

06 If an SpO_2 option is available, attach the SpO_2 sensor to the patient's finger. DO NOT PUT THE SpO_2 SENSOR ON THE SAME ARM AS THE BP CUFF. Test will begin automatically.

07 If respiratory rate (RR) is not automatically captured by the SpO_2 sensor, enter it manually by pressing the **Measurements** button, then the **Respiratory Rate** button, then entering the RR using the **numeric keypad**. Press **blue checkmark** to save.

08 Place the temperature probe flush on center of the patient's forehead. Keeping **button** depressed, slowly slide probe mid-line across forehead to the hairline. Still keeping button depressed, lift probe from forehead, touch behind ear halfway down the mastoid process and slide down to the soft depression behind the earlobe, then release button and read.

09 To store the patient record on the device, press **Save** on the main screen, then enter the patient identifier. Press **Done**. Alternatively, if the device is connected to a PC that has the Midmark Electronic Medical Record (EMR) integration enabled, press **Send** to send the vital signs data to the EMR.

Refer to the Midmark 800 Digital Vital Signs Device Instructions for Use, #003-10718-00, for further details and troubleshooting tips.

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Procedural Hints

Ensure proper connections and check for possible damage before use. Read the Midmark 800 Digital Vital Signs Device Instructions for Use, 003-10718-00, before using the device.

Blood Pressure

- Patient should be seated quietly, both feet flat on the floor and back supported.
- Patient should rest for 5 minutes prior to the reading.
- Cuff should be the proper size for the patient and placed against bare skin.
- Cuff should be positioned 1 inch above the elbow.
- Clinician and patient should not talk during BP measurement.
- Patient's arm should be supported, keeping cuff at heart level. Patient's arm should be relaxed and kept still during measurement.
- Selectable NIBP modes are Spot, Averaging, SPRINT and Custom.

SpO_2

- Never apply the sensor to the same arm as the blood pressure cuff.
- Preferred digit is the ring finger of the non-dominant hand (Masimo Rainbow SET®) or index finger (Nellcor™ OxiMax™).
- When properly placed, the sensor cable should extend along the top of the patient's hand.

Temperature

- Measure straight across the forehead and not down the side of the face. At mid-line, the temporal artery is about 2 mm below the surface, but can be deeply below the surface on the side of the face.
- Brush the hair and bangs aside if covering the area to be measured.
- The temporal artery temperature measured by the Exergen® TemporalScanner® is considered a core temperature and as accurate as a rectal temperature on a stable patient.

Note: Rectal temperature is about 0.5 °C (1 °F) higher than an oral temperature. Apply the same protocol for recording a temporal artery temperature as would be used for a rectal temperature.

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