❶

Before patch application and powering up the device, wipe patient's abdomen free of any debris. If any lotions or oils are present on the skin, wash the abdomen with warm soapy water.

❷

Following the Instructions for Use guide, prepare the patient's skin with Nuprep™ skin gel at the electrode locations: the abdomen and both sides of the patient.

❸

Following the Instructions for Use guide, place the four patches on patient's abdomen and side. It is recommended to place the right abdominal patch first using the umbilicus as a guide. Place the left abdominal patch using the two electrodes of the right patch below the umbilicus as your second guide. Then place the two side patches on the patient. The two patch tabs on either side of the patient should be no more than one inch apart from each other.
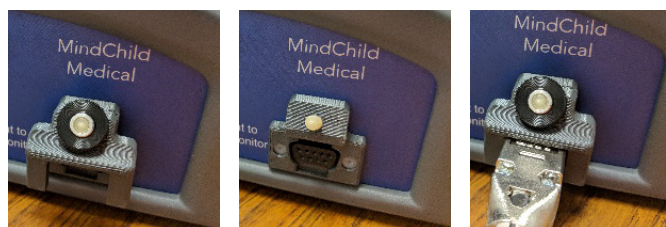
❹

Match each patch to its cable using the symbols as a guide located on the patch tab and cable connector. For each patch, connect the electrode patch tabs to its respective cable by opening the lever, inserting the patch tab into the slot at the end of the connector, and closing the lever. Confirm that the connector lever is in the locked or closed position. Cable connector should lie flush on patient's skin.

❺

Connect patient cables to device by coordinating cable connector color to socket color (Black to Black, and White to White) and matching the Front / Rear label of the patient cable to the device's label.

❻

Loosen and remove the retaining nut. Remove the back half of the clamp from the device. Connect the M100-A290 or M110-B290 cable's DB9 connector to the device. Slide the back half of the clamp over the cable aligning the bolt through the clamp's slot. Replace the retaining nut with the smaller diameter extension facing the device and tighten.
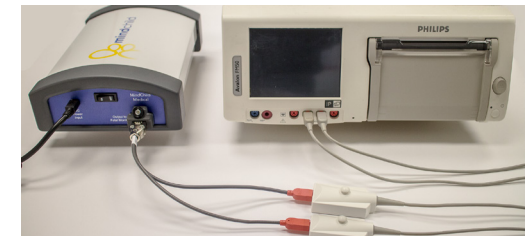

❼

GE Corometrics
Connect the output cable to GE Corometrics' UA socket and FECG socket as pictured below.

Philips Avalon
Connect the output cable to two Philips M2738A Avalon Patient Modules, one each. Connect the two M2738A Patient Modules to any two Fetal Monitoring sockets. The four connections are pictured below.

❽

Attach power supply to the M110 Monitor and turn power on by the switch. Fetal heart rate occurs sixty seconds from start up.

1. If the cable's patch connector does not lay flush with skin, it can lift off its patch. Should this happen, surgical tape is recommended to ensure cable/patch connection remains flush with patient's skin.

2. If the patient has an epidural, the right side patch should be carefully monitored for good contact with the patient's skin.

3. Gestational age must be greater than or equal to 37 weeks.

4. Please refer to the M110 User & Service Manual for detailed instructions for use.

5. Please refer to the disposable electrode patch Instructions for Use included in each box of patches for detailed instructions.

6. Please refer to the M110 User & Service Manual Section 4.3 for detailed patch removal and disposal instructions.

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Fetal Weak Signal / No Signal Message

1. Examine all electrodes to ensure full contact with patient's skin.

Maternal Weak Signal / No Signal Message

1. Confirm that the top most electrode of the right abdominal patch is properly attached to the patient.
2. Confirm that the top most electrode of the left back/side patch is properly attached to the patient.
3. If problem persists, replace right abdominal patch.
4. If problem persists, replace left back/side patch.

Signal Interference Message

1. Have patient remain stationary for sixty seconds.
2. Confirm all patch electrodes are properly attached to the patient.

No Patient Connection Message

1. Inspect all electrodes and patches.
2. Inspect all cable connections.

Device does not power on

1. Ensure that the power cord is connected to the M110 monitor and plugged into an AC mains outlet.
2. Ensure that the power cord is fully seated in the power socket of the M110 monitor.

Comm Fault

1. Reboot system via powering down and then powering back up with the power on /off button.
2. If fault reoccurs, contact MindChild Medical, Inc. to arrange for service.