

## Bariatric Low Air Loss Turning Mattress

### PLEASE READ INSTRUCTIONS BEFORE OPERATING UNIT

1. Unfold the Mattress on the bed using the straps on the cover to secure it to the moving parts of the bedframe to permit raising and lowering of the head and foot end without tearing the cover.
2. Hang the Electronic Control Unit (ECU) on the foot board, and make sure the mattress hose assembly is connected securely to the ECU.
3. Attach the power cord to the ECU and plug it into the electrical outlet on the wall. The amber **Standby** light will turn on. Press the **Power** Key, and the green light will turn on.

### DO NOT OPERATE THE ELECTRONIC CONTROL UNIT WITHOUT IT BEING CONNECTED TO THE AIR CELLS.

4. Press the **Mode** Key to **Max Inflate**. The ECU will come on and quickly inflate the mattress to firm settings.
5. Press **Turn** Key and select desired turning mode. Press **Time** Key and select desired turning time. Press **Turn Angle**  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  or full turn. In this mode, the entire mattress is at a constant pressure.

*EXAMPLE 1:* If the following are selected: **Time:** 30 minutes; **Turn:** Both directions; **Turning Angle:** Full; - The patient will be turned left 30 minutes, then right 30 minutes at the full angle, and the cycle keeps on repeating.

*EXAMPLE 2:* **Time:** 30 minutes; **Turn:** Right or left; **Turning Angle:** Full; - The patient will be turned 30 minutes to the right or left, and no turn for 30 minutes, and the cycle keeps on repeating.

6. **Static Mode:** (No turning): The required patient comfort pressures can be achieved by pressing the **Soft** or **Firm** Keys. The set pressure is indicated by the number of green lights illuminated. Patient comfort levels can only be adjusted in the static mode.
7. **Static Therapy:** For wound treatment or personal hygiene, press the **Mode** Key to select Static mode. In this mode the entire mattress surface is at a constant pressure. To return to the turning mode, press the **Turn** Key.
8. For CPR or quick deflation, disconnect the three (3) long hoses from the ECU by squeezing the small gray levers on the connectors and by pulling the hoses off the ECU and the small CPR valve with the red tab. **CAUTION: DO NOT DROP THE ECU!!!**
9. When the patient is not in bed, press the **Standby** Key. Refer to instructions on following page.

## **ELECTRONIC CONTROL UNIT (ECU) INSTRUCTIONS**

- Power:** Press the Power Key to turn the ECU On or Off.
- Standby:** When the amber light is on the power to the ECU is on, but is NOT yet operating.
- On:** When the green light and LED display is on, the ECU is on and is operating
- Soft:** Press the Soft Key to decrease air pressure for patient comfort levels.  
*NOTE: ECU must be in Static Mode to adjust patient comfort levels.*
- Firm:** Press the Firm Key to increase air pressures for patient comfort levels.  
*NOTE: ECU must be in Static Mode to adjust patient comfort levels.*
- Max Inflate:** For quick inflation of the mattress to maximum firmness.  
*NOTE: ECU has a 15 minute auto timer or can be disengaged by pressing the button.*
- Time:** Press Key to select 10, 20, 30 or 60 minute turning cycle time.
- Turn:** Press Key to select “Left” only, “Right” only, “Both” or Static” (no turn).
- Pause:** Will hold the turn function indefinitely if more time is needed to give personal care etc whilst the patient is on their side. Release the pause button for normal operation to continue.
- Static:** This mode is selected to achieve static air therapy, and is recommended during wound treatment, personal hygiene and/or transfers. In this mode, patient comfort levels can be adjusted by using the Soft/Firm Keys.
- Turning Angle:** Press Key to select  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , or full turning angles.  
*NOTE: Angles:  $\frac{1}{4}$  = 10°,  $\frac{1}{2}$  = 20°,  $\frac{3}{4}$  = 30°, full turn angle = 40°.*
- Lock:** Locks in/out all ECU functions. To lock in selected settings, hold down Lock Key until light turns on. No changes on the selected settings on the ECU can be made until the Lock Key is once more held down until the light turns off.
- Power Fail:** An audio visual alarm will sound during a power failure.
- Low Pressure:** An audio visual alarm will sound during hose disconnection or a major leak in the air chambers or side bolsters.

## **TRANSPORTATION MODE**

- 1) Turn the pump ECU unit off and unplug from the power supply with patient still in situ. Mattress will start to deflate. DO NOT pull the CPR valves as this will release all air from the mattress.
- 2) Once mattress starts to soften (max 2 minutes) reduce the bed platform (see bed instructions) to allow access through doorways/lifts. Both sides or one side of the bed can be reduced with the mattress attached depending on size of access points. DO NOT detach the mattress straps from the bed.
- 3) Repeat the above process in reverse order once the bed has arrived at its destination. It is important to **WIDEN THE BED PLATFORM BEFORE RE-INFLATION**. The mattress will re-inflate with the patient still on the bed to its previous pressure setting or adjust accordingly.