

## Important Safety Information

### "WhisperJet" Patient Box (Cat. #312) Technical Advisory

This technical advisory is in reference to the "WhisperJet" Patient Box (Cat. # 312) used with the Life Pulse High-Frequency ventilator. If a Patient Box is dropped or experiences a serious impact, it should not be used on a patient without first being thoroughly checked by Bunnell's service department. Impact, such as dropping, can damage internal electronic components or cause the pinch valve to be knocked out of alignment, which may result in the pinch valve stopping spontaneously. Ensure the Patient Box is adequately secured by the handle to prevent damage while not in use. All Patient Boxes should be visually inspected for external damage prior to use. Signs of damage may include, cracks at the corners, loose or damaged handle, barbed connector, or Patient Box cable. If there are any signs of damage, the Patient Box should not be used. Arrangements should be made to get a return authorization number (RA#), so the Patient Box can be returned to Bunnell for service. The following precautions should be followed if the Patient Box pinch valve stops cycling while on a patient.

#### In the Ready condition:

- A Loss of PIP alarm will be activated; check for chest vibration. **Do not press the Enter or Reset buttons.**
- If chest is vibrating, do normal troubleshooting for Loss of PIP alarm (see Operator's Manual).
- If chest is not vibrating, check the pinch valve. **If pinch valve is NOT CYCLING, press the STANDBY button to dump the servo pressure and change out the Patient Box.**
- Call Bunnell Hotline to report stoppage, get RA#, and send Patient Box to Bunnell for service.

#### In the Non-Ready condition:

- A Loss of PIP alarm will be activated; verify pinch valve is cycling. If pinch valve is cycling, do normal troubleshooting for a Loss of PIP alarm (see Operator's Manual), then press the Enter button to clear Loss of PIP and resume ventilation..
- **If pinch valve is NOT CYCLING, press the STANDBY button to dump servo pressure and change out Patient Box.**
- Call Bunnell Hotline to report stoppage, get RA#, and send Patient Box to Bunnell for service.

**A Patient Box that has stopped cycling should be replaced prior to doing any additional troubleshooting.**

#### ATTENTION:

**Failing to press the STANDBY button during pinch valve stoppage may result in higher than normal servo pressure being generated and larger than normal tidal volumes being delivered to the patient. Pressing the STANDBY button releases all of the pressure in the system thereby avoiding any potential for patient injury.**

Like most reusable medical equipment, the Patient Boxes should receive annual preventive maintenance. Check the blue Bunnell service stickers on the side of the Patient Box to determine when it was last serviced. If it has been more than a year, make arrangement to return it to Bunnell for service.

If you have questions about Patient Box function or the information included in this advisory, contact our customer service department at 800.800.4358 ext. 6, one of our clinical specialists will be happy to answer your questions.

### **Additional Warnings for Bunnell *Life Pulse*<sup>™</sup>, Model 203**

**Note:** These Additional Warnings for the use of the Life Pulse model 203 became effective October 15, 1999. Please make your clinical staff aware and insert a copy of this document into all Life Pulse manuals.

**WARNING:** The water inlet tube of the humidifier cartridge/circuit must be latched into the pump housing to prevent cartridge overflow and delivery of water to the patient by gravity feed.

**WARNING:** The water supply should be positioned at or below the level of the humidifier cartridge to decrease the potential of overflowing the cartridge by gravity feed.

**WARNING:** All patient connections to the Life Pulse circuit must only be made while the Life Pulse is in **STANDBY** mode. Failure to comply may result in a high volume of gas being delivered at pressure to the patient, which may result in severe patient injury.

If you should have any questions or need additional information, contact *David Platt* at 800.800.4358 ext. 15.