Obtaining Accurate Weight Readings

Weight

There are two basic types of scales: a Fairbanks scale (used with product bearing CE Marking) and the Honeywell HomMed scale in regular and Bluetooth wireless versions. The scales have a capacity of 500 lb (227 kg) and collect weight using four load cells, one in each corner of the scale. The accuracy of the weight is +/− 0.5 lb (0.2kg). The Genesis DM supplies power and communication to the scale through the scale cord.

A patient must be able to stand on a scale without support for the time that it takes the monitor to collect a weight reading. If the patient is not able to do so, disconnect the scale and turn the scale prompt off. The telemonitor records the first stable reading from the scale as the weight is transmitted.

For stability and measurement accuracy, instruct the patient to stand in the middle of the scale and not to move while the scale collects the patient’s weight. Stepping or standing on the edge may cause the scale to tip and possibly result in personal injury.

Assess the Following

Is the:

• Cable connected to the scale and monitor?
• Scale positioned above the carpet and not resting on the carpet?
• Client stepping into center of scale?
• Client leaning on furniture, walker, cane or other person?
• Client weighing (monitor session or retest) with approximately same type of clothing?
• Client moving the scale, standing or storing it on its side?
• Client unplugging the cable to change location of the monitor?

Techniques to Correct

At install:

• Set up the scale first in a safe location; attach the cable before powering up the monitor.
• Make sure that the scale is in the proper location. Moving the scale is not recommended once you power up. Place the scale near a wall or table on a flat, stable surface to allow the client to step up, into the center safely without leaning too much.
• If using a wireless (Bluetooth enabled) scale, please place the scale within 30 feet (10 meters) from the monitor for optimal signal acquisition. If the scale is placed further than 30 feet away from the monitor you may experience signal loss and not be able to communicate to the monitor.
• Verify that the scale is calibrated, Push manual key on the monitor; watch display for “0.0”. This indicates that calibration is successful.
• Re-power the monitor ANYTIME the cables have been disconnected, poorly connected, or the scale has been excessively repositioned or moves, ESPECIALLY SET ON ITS SIDE!

See the Genesis DM Manual for additional installation and calibration instructions as needed.