

Calibration of the LATITUDE[®] Blood Pressure Monitor

BACKGROUND INFORMATION

The **Blood Pressure Monitor** is an in-home health sensor to be used by patients enrolled as participants in the Boston Scientific LATITUDE[®] Patient Management system.

The **LATITUDE Patient Management system** enables patients and health care practitioners to conduct wireless, automatic device data uploads from the patient's home or the physician clinic.

CRM PRODUCTS REFERENCED*

LATITUDE Blood Pressure Monitor

*Products referenced herein may not be approved in all geographies. For comprehensive information on device operation, reference the appropriate product labeling.

CRM CONTACT INFORMATION

Technical Services – U.S.
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Technical Services – Europe
+32 2 416 7222
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LATITUDE Clinician Support
1.800.CARDIAC (227.3422)
latitude@bsci.com

Patient Services
1.866.484.3268 – U.S. and Canada
001.651.582.4000 – International

To ensure proper blood pressure measurements, the rate at which the Blood Pressure Monitor allows the air pressure in the cuff to deflate is calibrated at the factory. Factory calibration is based on a specified cuff deflation rate, therefore, it may be necessary to recalibrate the Blood Pressure Monitor when a SMALL cuff is utilized, as the deflation rate of the SMALL cuff may be faster than the MEDIUM or LARGE cuffs. **NOTE:** *Once the monitor has been recalibrated to a SMALL cuff size, further adjustments should not be required unless cuff size is changed to a MEDIUM or LARGE.*

For patients requiring a SMALL cuff, the healthcare professional may assist the patient with Blood Pressure Monitor calibration by conducting the following test:

Instructions to verify/calibrate deflation rate of the Blood Pressure Monitor

Step	Instruction
1	Place the blood pressure cuff on the patient's arm. 
2	Press the START button. The unit will begin taking a reading. 
3	Watch the display screen as the cuff deflates. When the MEASUREMENT IN PROGRESS (♥) symbol appears, the numbers should decline in increments of 2 to 5 mmHg (eg, 154→151→148).
4	During deflation, if the pressure decreases in increments from 2 to 5 mmHg, the Blood Pressure Monitor is calibrated appropriately. If the increments are not within 2 to 5 mmHg, proceed with Step 5.
5	Press the START button again to turn the Blood Pressure Monitor Off.
6	With the edge of your fingernail, peel off the thin black plastic disk covering the adjustment screw located on the bottom of the monitor. If there is no thin plastic disk, proceed to Step 7. 
7	Using a small screwdriver or paperclip, rotate adjustment screw about 45 degrees clockwise (to raise the deflation rate) or counterclockwise (to lower the deflation rate).
8	Repeat the test until the deflation rate is between 2 and 5 mmHg.