

Transitioning from Linear Deflation to Step Deflation

Step Deflation Quick Reference

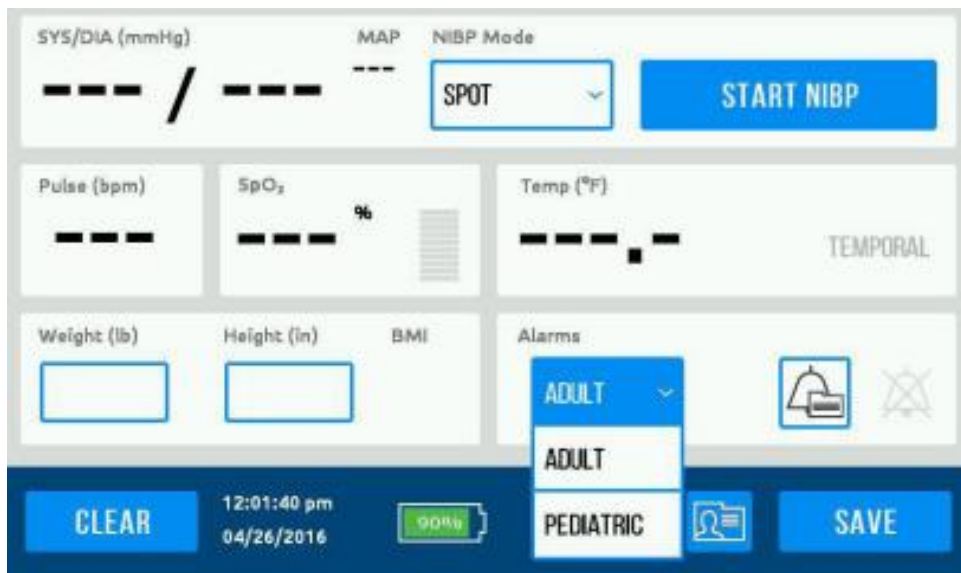
WHAT'S DIFFERENT? With Step Deflation, select an **Initial Inflation Pressure** before beginning the blood pressure measurement.

Before Taking a Blood Pressure

1. Select the Patient Type

On the Main Screen, verify the appropriate patient type in the **Alarms** section:

- Adult
- Pediatric



The screenshot shows the IQvitals Zone Main Screen. At the top, there are fields for SYS/DIA (mmHg), MAP, and NIBP Mode (set to SPOT). A blue button labeled 'START NIBP' is to the right. Below these are fields for Pulse (bpm), SpO2 (%), and Temp (°F). Further down are input fields for Weight (lb), Height (in), and BMI. The 'Alarms' section shows a dropdown menu with 'ADULT' selected, and a bell icon. At the bottom, there is a 'CLEAR' button, a timestamp '12:01:40 pm 04/26/2016', a battery level indicator at 90%, and a 'SAVE' button.

2. Select the Initial Inflation Pressure

Use the patient's expected systolic blood pressure to help determine the appropriate Initial Inflation Pressure.

GENERAL GUIDELINE Expected systolic BP + approximately 30 mmHg = **Initial Inflation Pressure**

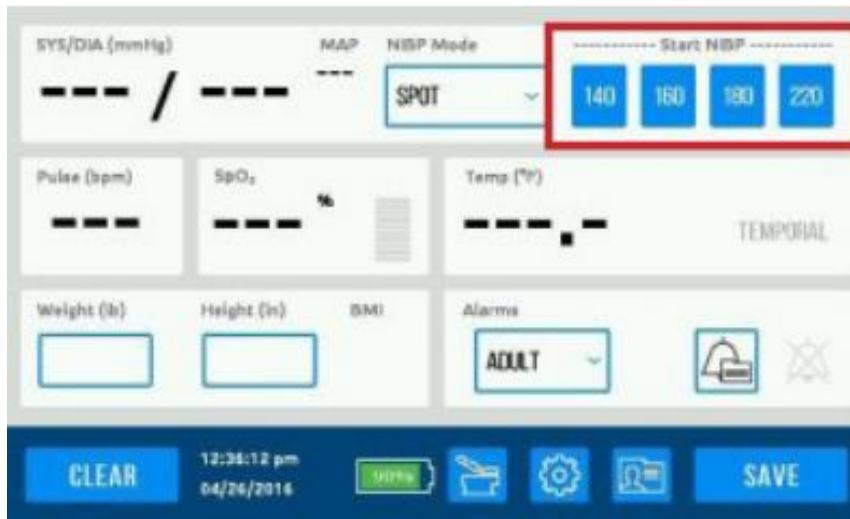
- Previous documented systolic blood pressure
- Patient's typical blood pressure, if known
- Expected systolic blood pressure

Select an available Initial Inflation Pressure appropriate for the individual patient and your organization's established protocol.

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3. Start the Measurement

On the **Main Screen**, press the appropriate **Initial Inflation Pressure** button. **Selecting the pressure begins the measurement.**



Default Initial Inflation Pressure Values

Adult: 140 | 160 | 180 | 220 mmHg

Pediatric: 110 | 120 | 130 | 140 mmHg

Values can be changed in **Settings > NIBP**.

Quick Selection Guide

Expected Systolic BP	Example Initial Inflation Pressure
~90 mmHg	120 mmHg
~110 mmHg	140 mmHg
~130 mmHg	160 mmHg
~150 mmHg	180 mmHg
~190 mmHg	220 mmHg

CUFF REINFLATED? Automatic reinflation may occur if additional cuff pressure is needed. **Allow the monitor to complete the measurement.** For subsequent measurements, consider the patient's measured systolic BP when selecting the Initial Inflation Pressure.

Continue to follow your organization's established blood pressure measurement protocol, including appropriate patient preparation, positioning and cuff selection.

[IQvitals Zone User Guide](#)