Baxter

Starling
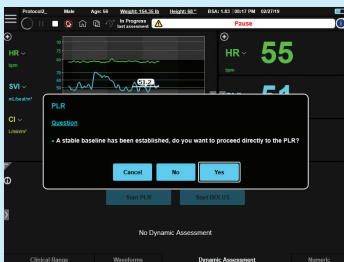### FLUID MANAGEMENT
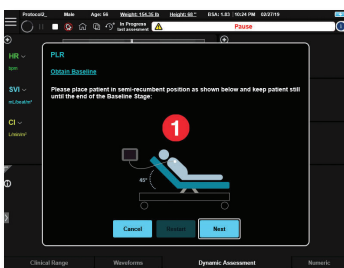### MONITORING SYSTEM

PASSIVE LEG RAISE
DYNAMIC ASSESSMENT

- Select **Start PLR** from the Dynamic Assessment dashboard.
  * *This view is the main home screen default view. **Start PLR** and **Start Bolus** buttons will always be visible from the home screen. Your hospital may have chosen a different default view and displayed parameters.*
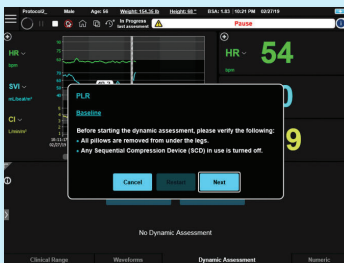

PLR BASELINE

- If this message appears: **"A stable baseline has been established, do you want to proceed directly to the PLR?"** It is asking, "Can the last 3 minutes of SVI data be used for the Baseline?" (i.e., no nursing interventions).
- Selecting **No** will allow the user to run a 3-minute baseline.
- Selecting **Yes** will prompt the user to proceed to step 2 of the PLR.

- Position patient in semi-recumbent position.
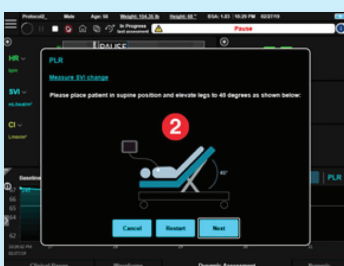

READ PROMPT:

Before Starting Dynamic Assessment, please verify the following:

- All pillows are removed from under the legs.
- Any Sequential Compression Device (SCD) in use is turned off.

- There is a **3-minute countdown** shown in the protocol portion of the Dashboard view.
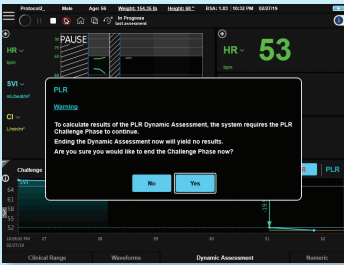

REPOSITIONING THE PATIENT FOR THE PLR

- After PLR baseline is complete, a pop-up will instruct the user to change patient position.
- Position patient in supine position, and elevate legs to 45 degrees.
- After patient is positioned correctly, select **Next**.
- There is a **3-minute countdown** shown in the protocol portion of the Dashboard view.

ENDING THE PLR AS SOON AS PATIENT IS FLUID RESPONSIVE

- **User may end the PLR Dynamic Assessment as soon as patient is shown to be fluid responsive.**
- If patient's ΔSVI increases to 10% or more, the user may select **END PLR**.
- **END PLR** text on button will turn from red to black once the patient is shown to be fluid responsive.
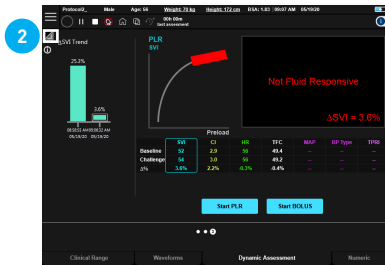

WARNING MESSAGE IF PLR ENDS TOO SOON

- If the user attempts to end a PLR challenge before 3 minutes have elapsed and ΔSVI <10%, an error message will warn the user.
- Selecting **Yes** will end the PLR challenge and yield no results.
- Selecting **No** will take the user back to the PLR challenge phase without interruption.
  The clock will continue to count down even if this warning appears.

Dashboard View

PLR RESULTS

- Dynamic Assessment report will then be displayed on the screen.

  1. To enlarge the report, use corner arrow.
  2. To minimize report, click arrow again.
  3. Previous Dynamic Assessments will now appear to the left of the current Dynamic Assessment report.

Full-Screen View

WHAT DO MY RESULTS MEAN?

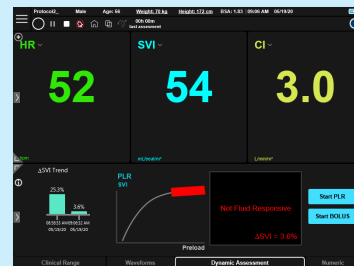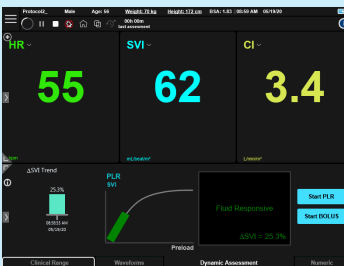**Starling** curve is green = ΔSVI ≥10%
Patient is fluid responsive[1]

Starling curve is red = ΔSVI <10%
Patient is not fluid responsive[1]

NORMAL VALUES[2]

SVI = 33–47 mL/beat/m^2
TPRI = 1970–2390 dynes • sec/cm^5/m^2
CI = 2.5–4.0 L/min/m^2

1. Cecconi M, et al. What is a fluid challenge? *Curr Opin Crit Care.* 2011:17:290-295.
2. Sramek BB. *Systemic Hemodynamics and Hemodynamic Management*. 2002;Instantpublisher.com ISBN 1-59196-04600.

Rx Only. For safe and proper use of product mentioned herein, please refer to the Instructions for Use or Operators Manual.