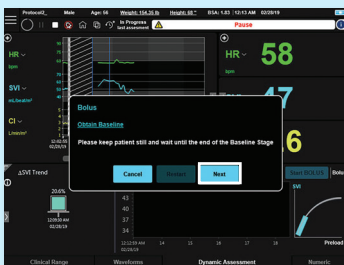


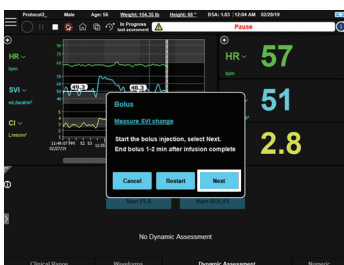


- Select **Start BOLUS** from the Dynamic Assessment dashboard.  
\* This view is the main home screen default view. **Start PLR** and **Start Bolus** buttons will always be visible from the home screen. Your hospital may have chosen a different default view and displayed parameters.



## BOLUS BASELINE

- If this message appears: **“A stable baseline has been established, do you want to proceed directly to the Bolus?”** 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 Bolus.
- A pop-up window will appear instructing the user to keep the patient still for the 3-minute baseline.
- Select **Next**.
- Bolus baseline stage lasts for 3 minutes. Timer will start 3-minute countdown.  
\* **Do not give fluid during this baseline stage.**



## PERFORMING BOLUS

- When prompted, begin IV fluid infusion. Select **Next**.



- In the Dynamic Assessment box, a timer will begin to count up during the bolus injection.
- Give a 250 mL bolus in 5 minutes or less.<sup>1,2</sup>
- Give a 500 mL bolus in 10 minutes or less.



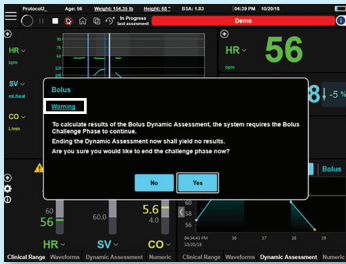
## END BOLUS

- Wait 1-2 minutes after infusion is complete and then select **End Bolus** on the dashboard.  
\* By waiting 2 minutes after the bolus injection before ending the protocol, this ensures the peak Stroke Volume is captured.



## ENDING THE BOLUS AS SOON AS PATIENT IS FLUID RESPONSIVE

- User may end the Bolus Dynamic Assessment as soon as patient is shown to be fluid responsive.
- If patient's  $\Delta$ SVI increases to 10% or more, the user may select **End Bolus**.
- **End Bolus** button will turn blue once the patient is shown to be fluid responsive.



## WARNING MESSAGE IF BOLUS ENDS TOO SOON

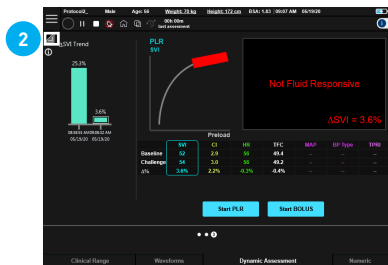
- If the user attempts to end a bolus challenge before 2 minutes has elapsed and  $\Delta$ SVI <10%, an error message will warn the user.
  - Selecting **Yes** will end the Bolus challenge and yield no results.
  - Selecting **No** will take the user back to the Bolus challenge phase without interruption.
- \* The clock will continue to count up even if this warning appears.*



## BOLUS RESULTS

- The 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.

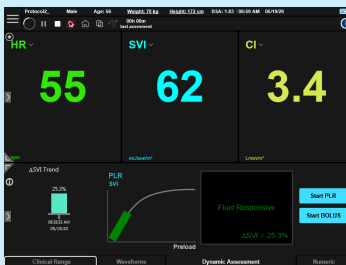
Dashboard View



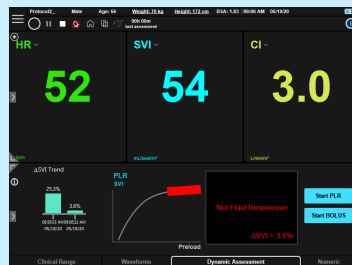
Full-Screen View

## WHAT DO MY RESULTS MEAN?

**Starling** curve is **green** =  $\Delta$ SVI  $\geq$ 10%  
Patient is fluid responsive<sup>2</sup>



**Starling** curve is **red** =  $\Delta$ SVI <10%  
Patient is not fluid responsive<sup>2</sup>



## NORMAL VALUES<sup>2</sup>

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

1. Aya HD, et al. Pharmacodynamic analysis of a fluid challenge. *Crit Care Med.* 2016;44:880–891.

2. Cecconi M, et al. What is a fluid challenge? *Curr Opin Crit Care.* 2011;17:290–295.

3. 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.

**Baxter.com**

Baxter International Inc  
One Baxter Parkway / Deerfield, Illinois 60015

Baxter and Starling are trademarks of Baxter International Inc. or its subsidiaries.

USMP/CHE/20-0077 08/20