

**Burn Navigator®**  
**Adult Patient Scenario**

**Patient Scenario**

1. Following the “Burn Navigator Training Guide” PowerPoint, start a New Patient:

- a. Patient ID: training
- b. Weight 80 kg
- c. Confounders No for all
- d. Protocol Adult predictive protocol (target 30-50 mL UO)
- e. TBSA(%) 70%
- f. Height <Skip – just press “Next”>
- g. **CHANGE TIME** **Local time:** 12:00 (Noon)  
*<Press “Change current Date/Time, select “Local” white field, type in 1200, Then press “Enter”, “Enter” again, then “Yes”.>*
- h. Time since Burn 1 hour
- i. Fluids until now 1,000 mL
- j. UO until now <Leave blank, press “Next”>
- k. Accept the initial recommendation rate (1,050 mL/hr, by the 3 mL/kg/TBSA formula).

2. Press “Enter Checklist” button and enter this information:

- a. Systolic BP 88 mmHg
- b. Diastolic BP 56 mmHg
- c. Heart rate 127 bpm
- d. Lactate 2.1 mg/dL
- e. Hemoglobin 10.5 g/dL
- f. Indicate that you elevated extremities.
- g. Indicate that you checked for tightness.
- h. Indicate these pulses:
  - i. Left upper weak
  - ii. Right upper normal
  - iii. Left lower weak
  - iv. Right lower normal

3. Do a fluid update.
  - a. Press “System Menu” button, on the bottom right.
  - b. Use “Advance Time” +10 min button until 13:00 or just after 13:00.
  - c. Adjust the “To:” time to be the top of the hour (13:00 exactly).
  - d. UO: 20 mL
  - e. Infusion Rate has been: 1,050 mL/hr <Press “Next”>
  - f. Additional Fluids: None <Press “Next”>
  - g. Change the “New rate” to 1,300 mL/hr.
  - h. Rationale: Patient is tachycardic.
  
4. Do another fluid update.
  - a. Use “Advance Time” feature again until or just after 14:00.
  - b. Leave the “To:” time as it is (e.g., 14:05 or so).
  - c. UO: 80 mL
  - d. Infusion Rate has been: 1,300 mL/hr
  - e. Additional Fluids: 250mL FFP
  - f. Patient is **hypotensive**, but not on pressors or diuretics.
  - g. Accept the recommended rate (1,060 mL/hr).
  
5. Advance the time by **+20 minutes**, then, on the HOME screen, increase the infusion rate to 1,200 mL/hr.
  
6. Do another fluid update.
  - a. Use “Advance Time” feature again until or just after 15:00.
  - b. UO: 35 mL
  - c. Infusion Rate: Around 1,144 mL/hr. Accept the rate & volume shown.  
 <The average rate and volume are calculated based on exactly when you changed the rate on the Home screen.>
  - d. Additional Fluids: None
  - e. Patient is not hypotensive, not on pressors and not on diuretics.
  - f. Accept the recommended rate (~900 mL/hr)

*Follow the PowerPoint slides for further changes and description.*