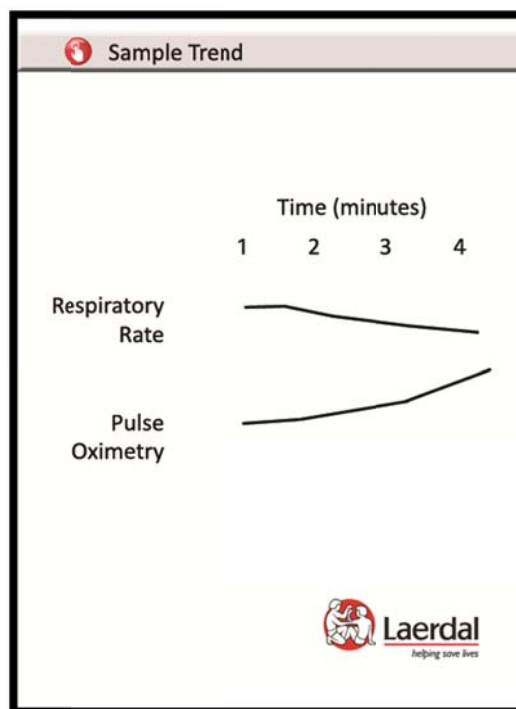




**Note:** Automatic mode scenarios may contain trends that help reduce instructor workload and contribute to realistic clinical presentations.

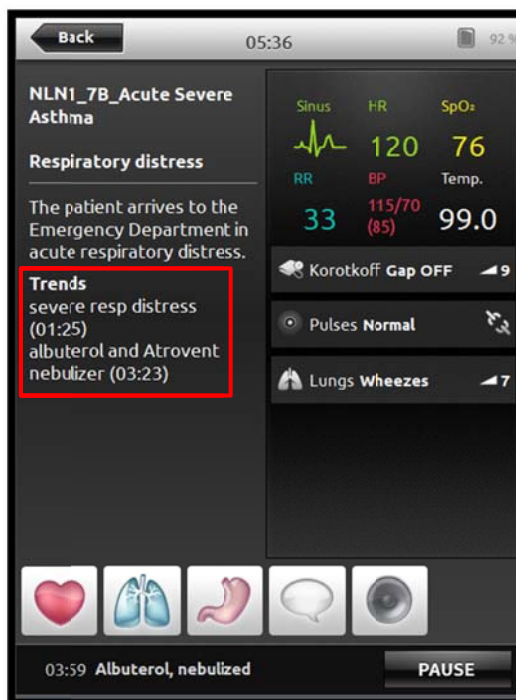
This illustration shows how a trend improves multiple vital sign parameters over time.



**Note:** Trends may worsen vital signs when therapy is delayed or the wrong therapy is administered.

Alternately, trends may improve vital signs when the appropriate therapy is administered.

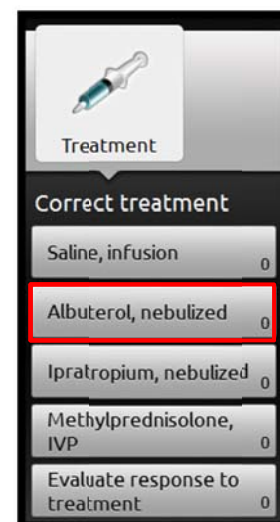
In this example, a trend deteriorates vital signs while another trend begins to reverse bronchospasm.





**Notes:** Trends are programmed to start at specific times and in response to specific therapies.

The instructor may trigger a trend when a therapy event is registered from the event menu.



**Review the scenario support materials to understand what trends are included and when they are triggered. Support materials are available on SimStore™**

Severe respiratory distress trend starts at 5 minutes.

Albuterol trend starts when the instructor registers the Albuterol event.

Jennifer Hoffman, Computer Case

| Time*         | Monitor Settings   | Patient/Simulator Actions  | Students Interventions  | Cue/Prompt  |
|---------------|--|--|---|---|
| 0-5 minutes   | <b>Initial state:</b><br>awRR: 36<br>HR: 110<br>BP: 140/90<br>SpO <sub>2</sub> : 78%<br>Temp: 98.8 F                                       | <b>Auscultation sounds:</b><br>Breath sounds wheezing bilaterally<br><br><b>Vocal:</b><br>"Can't...breathe..." | Wash hands<br>Introduce self<br>Identify patient<br>Obtain vital signs<br>Attach SpO <sub>2</sub> probe<br>Auscultate lung sounds<br>Apply humidified oxygen<br>Ask secondary nurse to get the physician in the room immediately<br>Calm the patient  | <b>Role member providing cue:</b><br>Family member<br><br><b>Cue:</b><br>If help is not requested promptly family member says, "Get the doctor, where is the doctor?" |
| 5-20 minutes  | <b>Severe respiratory distress trend:</b><br>awRR: > 40<br>HR: > to 130<br>BP: < to 80/60<br>SpO <sub>2</sub> : < to 58%<br>Over 5 minutes | <b>Vocal:</b><br>"Please...help...me"  | Communicate directly with physician<br><i>(Physician provides orders)</i><br>Receive orders<br>Review and verify orders<br>Apply ECG monitor<br>Start automatic BP<br>Start IV fluids   | <b>Role member providing cue:</b><br>Physician<br><br><b>Cue:</b><br>If student is unsure of what to do, physician may guide  |
| 20-30 minutes | <b>After Albuterol trend:</b><br>awRR: < to 20<br>HR: < to 100<br>BP: > to 124/70<br>SpO <sub>2</sub> : > to 92%<br>Over 5 minutes         | <b>Auscultation sounds:</b><br>Breath sounds loud wheezes  | Follow physicians orders<br>Administer Albuterol nebulizer combined with Ipratropium<br>Administer IV Methylprednisolone<br>Communicate therapeutically with family member<br>Continue to monitor vital signs, respiration and SpO <sub>2</sub> level |   |

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