The following screen appears:

1. When you connect a patient to the bedside monitor, the Severe Sepsis Screening is activated automatically.
2. If there is not more than one other sign or symptom present, the monitor will stay in screening mode.
3. If temperature or respiration rate are not measured continuously, the monitor will ask for a value to be entered manually. A visual and audible prompt will be issued.
4. If there are two or more signs and symptoms, and you select Confirm, the following screen appears.
5. Show details will give you a list of possible infections. Hide details closes this screen.
6. With No the monitor will return to screening, with Yes the monitor will then ask for a lactate value to be entered and confirmed.
7. If the value is below 4mmol/L, the monitor will then ask about the presence of persistent hypotension.
8. If the lactate is above 4mmol/L and/or persistent hypotension is present, the following screen appears.
9. Selecting Confirm completes the screening phase and, if you have the appropriate monitor option, moves you along to the Sepsis Resuscitation Bundle.

If your patient is being transferred for treatment in the sepsis resuscitation and management phases; transfer the current status, the settings and the Protocol Log by:
- for MP5 to MP90 - moving the MMS to the new monitor
- for MPS - by connecting the MPS to the new monitor in Companion Mode.

You need to check off the other signs and symptoms that are present for the patient. If temperature or respiration rate are not measured continuously, the monitor will ask for a value to be entered manually. A visual and audible prompt will be issued.

You select the To do list, the following screen appears:

1. When the Sepsis Resuscitation Bundle begins, the screen layout changes to include the following items that have been completed.
2. "To do" list that needs to be completed within six hours
3. Timer to show how long you have been working within the bundle
4. Horizon display of the hemodynamic parameters.
5. This helps you to quickly see whether or not you are heading in the right direction with the treatment
6. Manually entered values will appear on the right hand side of the screen
7. If you are unable to continuously monitor ScvO2/SvO2 or CVP the monitor will ask for a value to be entered manually every hour.
8. If you select the To do list, the following detailed screen appears and allows you to check items that have been completed.

The patient meets the SSC Sepsis protocol criteria for severe sepsis.

Review by authorized clinician is recommended.

Activate CVP > 8mmHg

Maintain MAP > 65mmHg (9.0kPa)

Achieve ScvO2 > 70% (SvO2>65%)

Administer Intravenous Antibiotics

Take Blood Cultures

Measure Serum Lactate

Administer Intra-venous Anti-biotics

Achieve CVP > 8mmHg (1.0kPa)

Achieve ScvO2 > 70% (SvO2>65%)

Administer Intra...
When you have completed all requirements or six hours have expired, you will be asked to proceed with the Sepsis Management Bundle.

1. Entering the Sepsis Management Bundle, the To do list is updated with actions that need to be completed within 24 hours.

2. The timer continues to run.

3. The Horizon display remains unchanged.

4. The To do list works in the same way as in the Sepsis Resuscitation Bundle, but here maintain inspiratory plateau pressure and maintain glucose cannot be checked as these two items need to be maintained for the duration of the Sepsis Management Bundle.

At the end of the 24 hours, the monitor will notify you that the time has expired.

Severe Sepsis Screening will only become active again at the end of a sepsis standby period which you can configure (normally seven days).

Note:
If you do not wish to use ProtocolWatch for your patient, you can deactivate the application via Main Setup -> ProtocolWatch -> SSC Sepsis: Active. You will need to confirm this action.

Should you want to start with the bundles immediately, you can manually start a bundle via Main Setup -> ProtocolWatch -> Manual transition.

At the end of monitoring always discharge the patient. When your patient is discharged, ProtocolWatch will be automatically reactivated for the next patient.

Always print out a Log Report for your patient documentation before discharge.

Horizon Display details

Horizon trends provide a graphical visualization tool that allows you to detect at a glance the patient’s current clinical status.

The features of the Horizon Trend include:

- **Baseline or Target value**: set by the user and can be the current value or a goal value for the patient being monitored, or an appropriate range.
- **Upper and lower scale**: the scale selected to detect the baseline deviations. It has an influence on the trend, trend indicator and the deviation bar.
- **Trend indicator**: the arrow indicates how the patient’s value has changed in the set time period (10, 5, or 2 minutes). It is updated every 12 seconds.

The direction of the arrow reflects the direction in which the patient’s values have moved and the steepness of the arrow indicates the speed at which the values have changed.