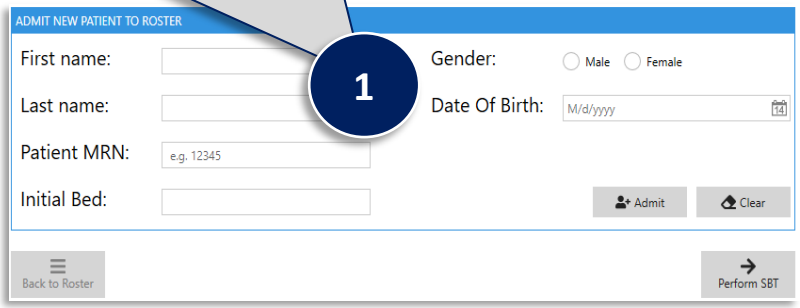
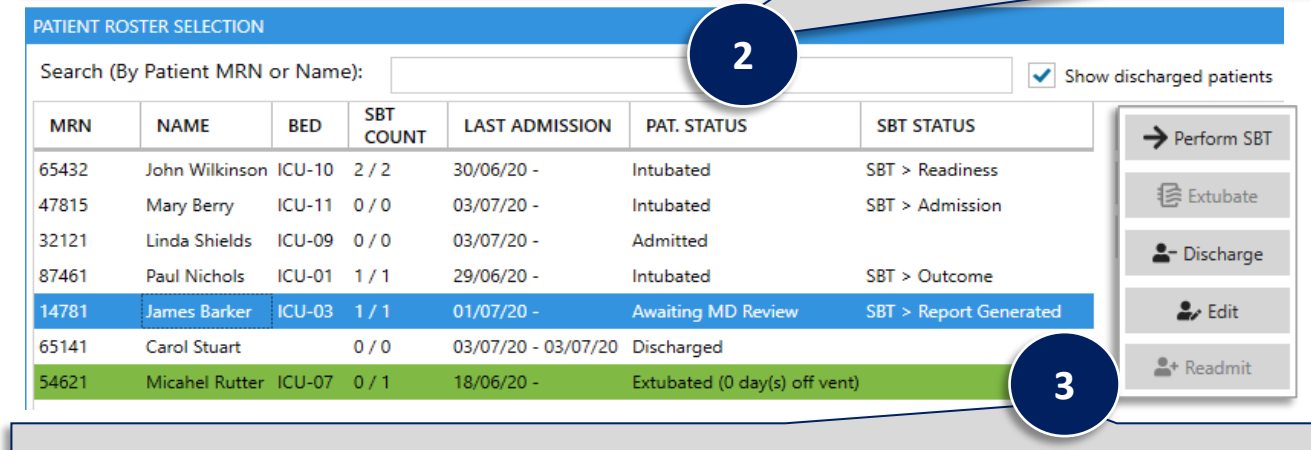
# Extubation Advisor Quick Guide

Refer to the full user guide for more information Ref: 011-1014 LMAN

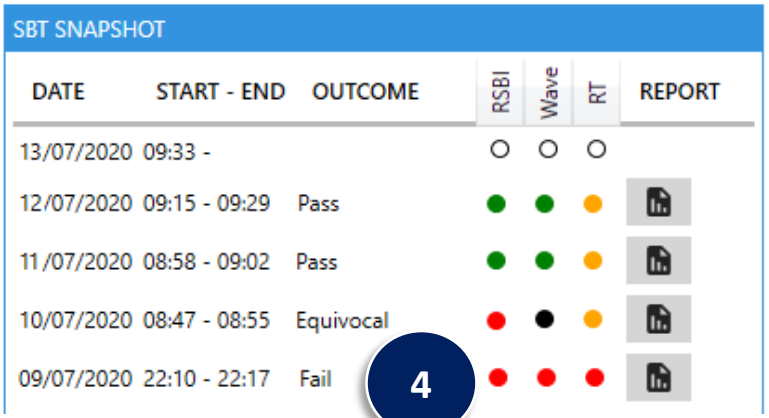
Use the **Admit Patient** form to register a new patient to the **Patient Roster**.




Use the **Patient Roster** to provide an overview of EA monitored patients and their journey to ventilator liberation. The surrounding dashboards - **Admission Info & Reason, Comorbidity Info, Intubation History** and **SBT Snapshot**, will auto populate with the selected patient's clinical information as documented.




Use the buttons available to **Perform SBT** or to **Continue SBT** if one has already been started for a selected patient. Document the **Extubation** information as required and only **Discharge** the patient from the **Patient Roster** once the patient has physically left the Unit. **Readmitting** a patient to the roster will not display historic intubation and SBT information until the patient is once again discharged. Only the patient's current intubation and associated SBT information is displayed. Use the **Edit** button to update the patient's demographic information as required. Previously generated reports will not reflect the changes made.




Use the **SBT Snapshot** to see an overview of SBT's performed on a selected patient, along with the outcome and Risk Scores for **RSBI, WAVE** and **RT Impression**.

**Review** and **Print** a **Generated Report** by selecting the report icon for the SBT of interest.

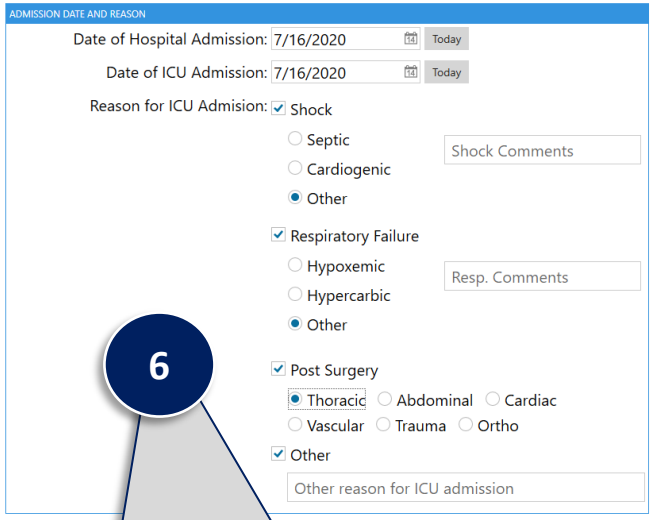

Use the **Progress Bar** to navigate each of the main sections of Extubation Advisor. The **Admission, SBT** and **Extubation Readiness** sections need to be completed before **SBT Outcome** section becomes available.

**Grey = Section Not Started**
**Orange = Section Started / In Progress**
**Green = Section Completed**

# Extubation Advisor Quick Guide

Therapeutic Monitoring Systems Licensed Technology

Admission | SBT | Extubation Readiness | SBT Outcome

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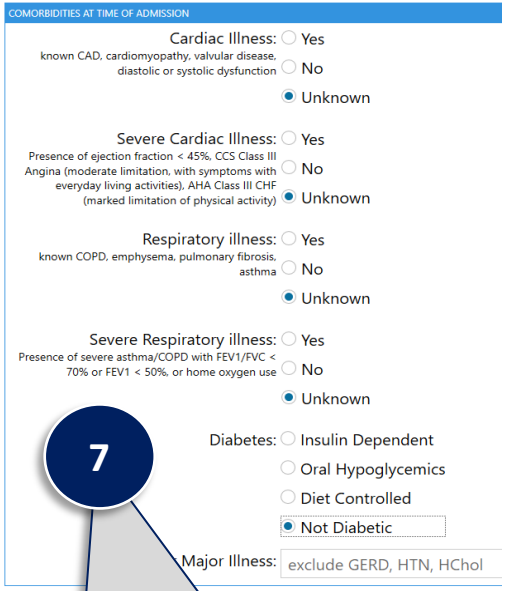
Use the **Admission Form** to document **Date of Hospital** and **ICU Admission** and **Reason for Admission.** Use the comments boxes to document other reasons as required.

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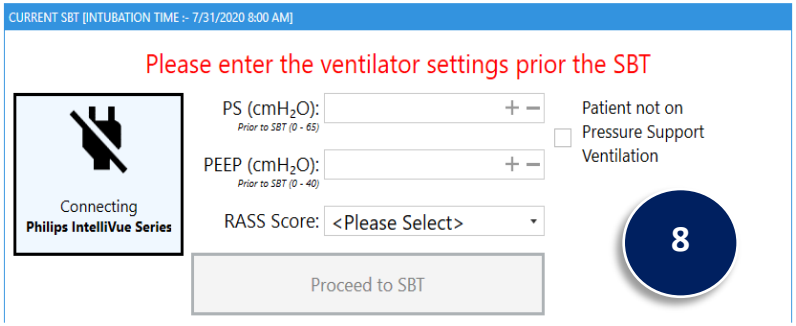
Use the **Comorbidities Form** to document known patient illnesses. Use the comments boxes to document other reasons as required.

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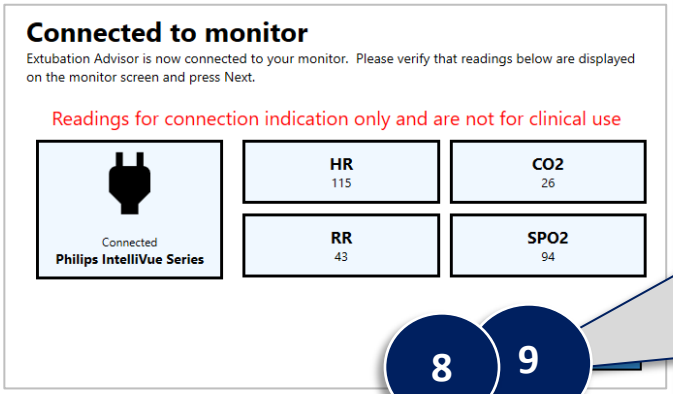
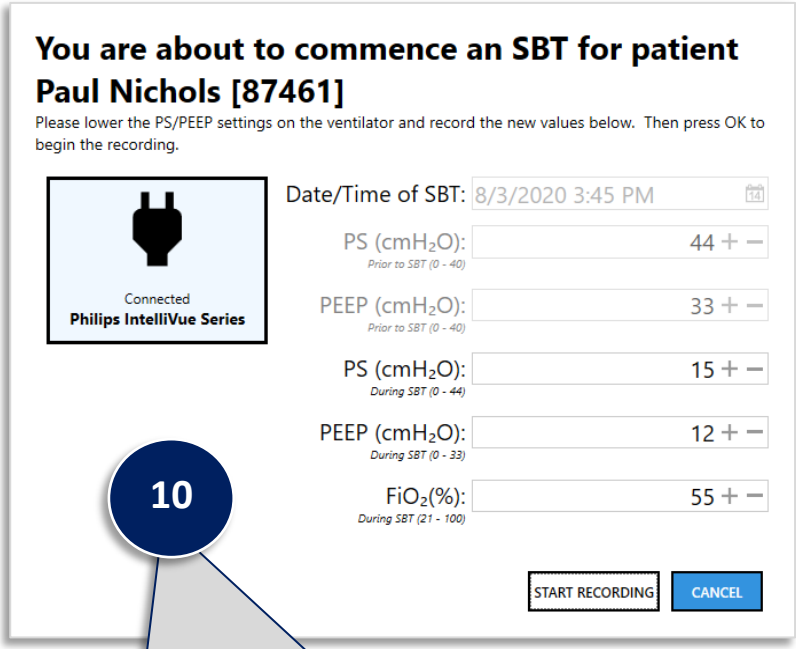



8 9

Document the Ventilator Settings **Prior to SBT** for **PS ($cmH_2O$), PEEP ($cmH_2O$)** and the patients **RASS**.

Ensure the **configured Patient Monitor** is **Connected** using the supplied cables. Confirm EA is receiving vital sign data and CO2.

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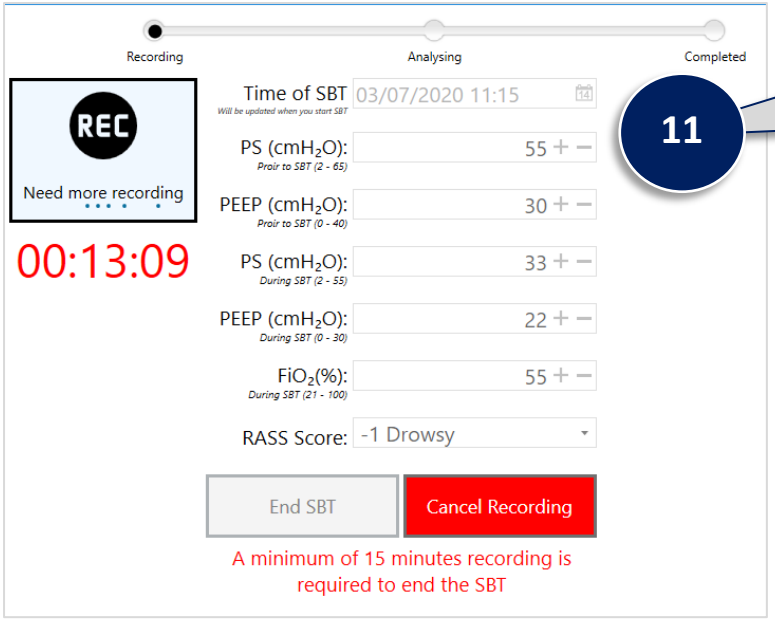
Lower the **PS / PEEP** settings on the ventilator and document the new values and **$FiO_2$** on the **During the SBT** form. You can then **Start** the **SBT Recording**.

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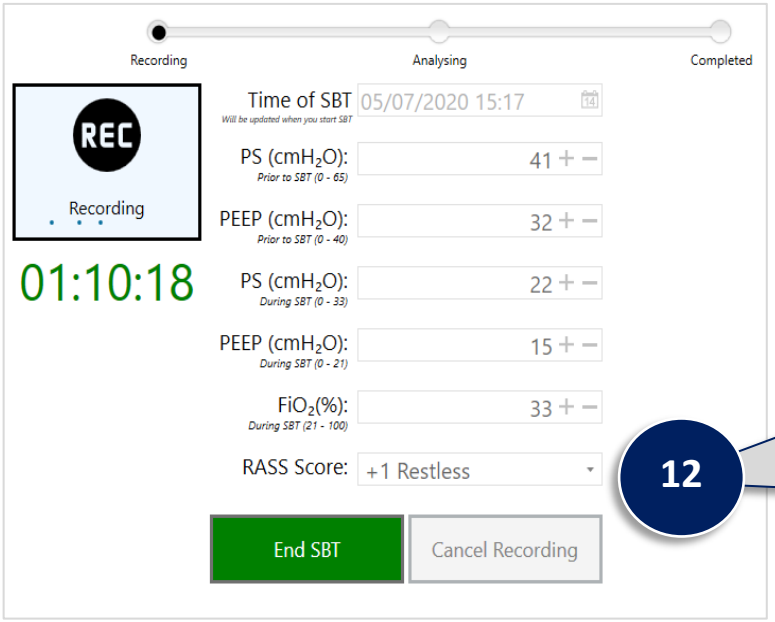
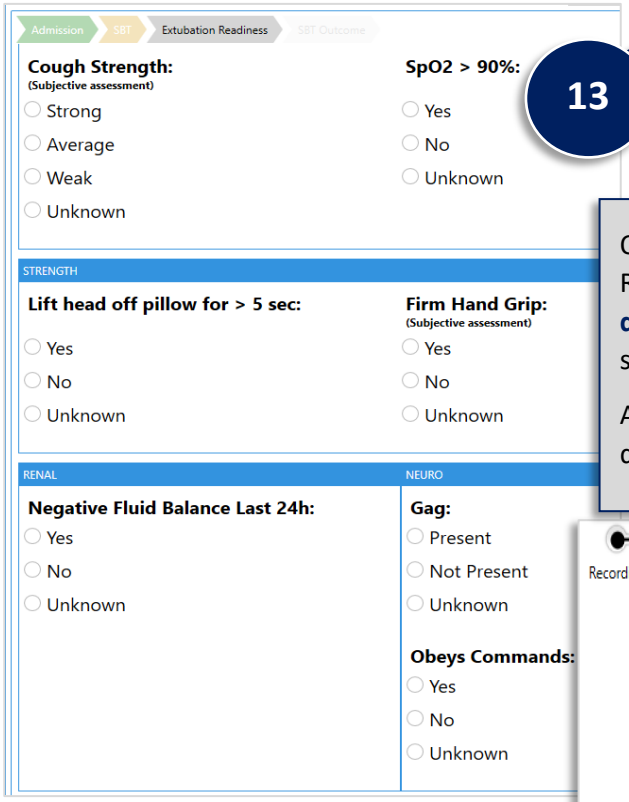
A **minimum recording time of 15 Minutes** is required to calculate the WAVE Score. If for any reason you need to change any of the **Admission Information**, **Ventilator Settings – Prior to** or **During** then **Cancel the Recording** and update the information as required and restart the recording.




**12**

After the minimum recording threshold has passed, you can **End SBT** as per your defined processes / workflow. The **Analysis Results** will be displayed.

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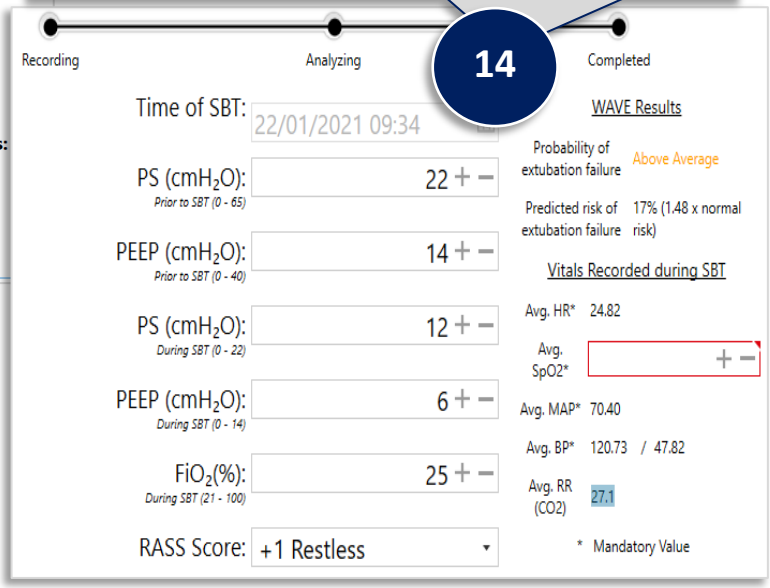
Use the **Extubation Readiness Checklist** to document the various checks as carried out during the SBT Recording.

Once the analysis has been completed for the SBT Recording, the **WAVE Results** and **Vitals Recorded during the SBT** will be displayed alongside the Vent settings documented.

Any **mandatory vital signs** not automatically captured during the recording, will need to be manually inputted.

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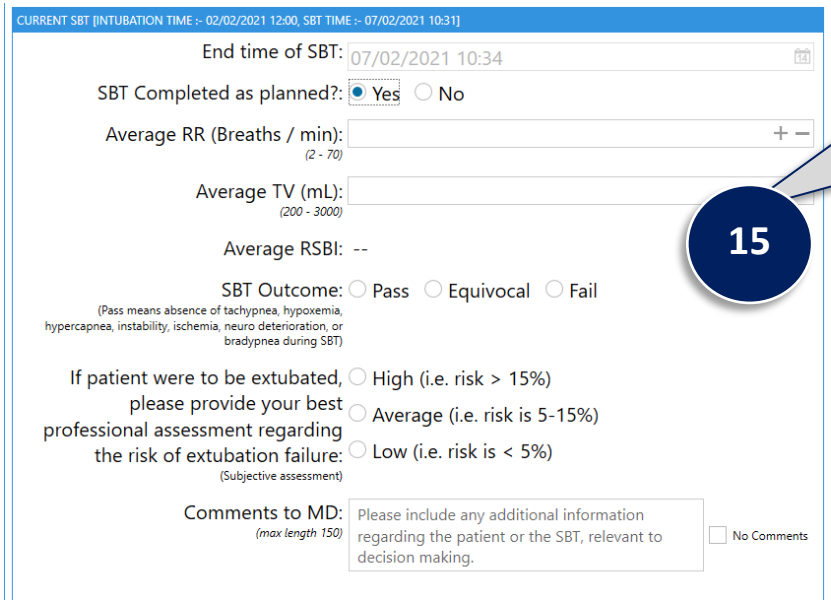
# Extubation Advisor Quick Guide

Therapeutic Monitoring Systems Licensed Technology

Admission → SBT → Extubation Readiness → SBT Outcome

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**SBT Outcome Information:**

Once the **Admission, SBT** and **Extubation Readiness** sections have been completed, you can then document the **SBT Outcome** information. Use the **SBT Outcome form** to manually document the **Average RR** and **Average TV (mL)** for EA to calculate the **Average RSBI. Save** and **Generate the report.**

**EA Generated Report:**

Preview the report and then if all data is correctly documented, **Save or Email** the report as required.

The generated report is available in the application via the **SBT Snapshot.**

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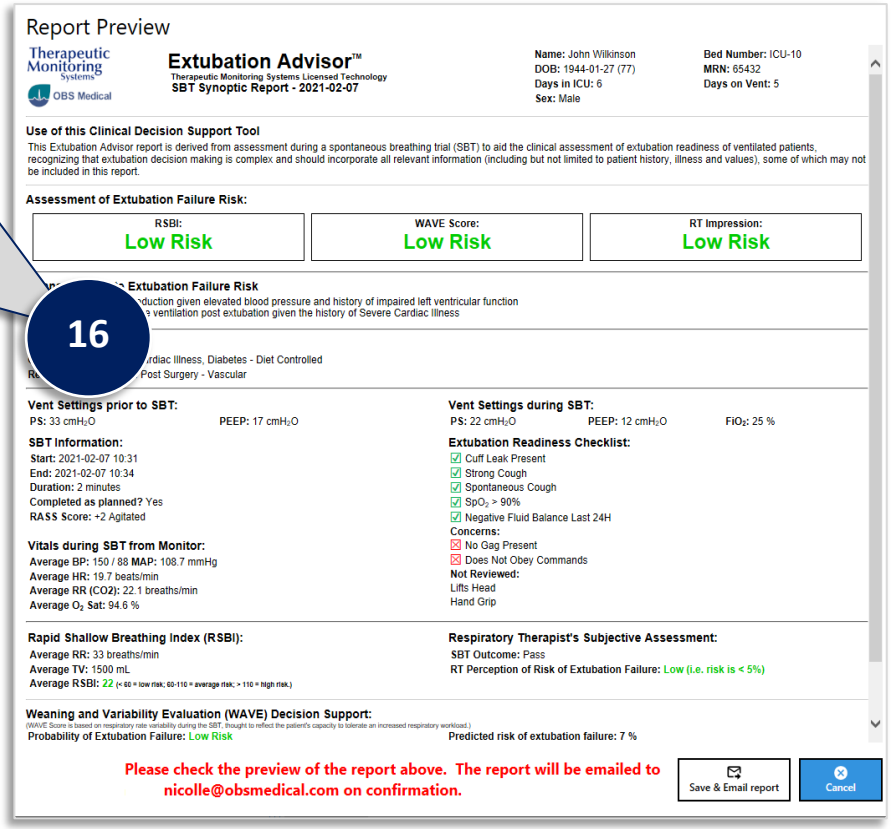


| Cautions | |
|---|---|
| | When connected to a Patient Monitor, the device running EA cannot be connected to mains power. |
| | If you attempt to connect mains power during an SBT recording, all recording data to that point will be lost. |
| | When not in use, the device running EA should be kept on charge to ensure it can be used on battery when connected to a Patient Monitor. |
| | While WAVE was derived for patients undergoing their first extubation, the physiologic basis for the prediction would be unchanged when assessing readiness for subsequent extubations (if the first extubation failed), and thus can be helpful when assessing a patient's readiness for a second extubation. However, the reasons for failing the first extubation need to be addressed in planning a second extubation vs. tracheostomy. |

| | |
|---|---|
| 100% | Device running EA is fully charged, ready to be disconnected from mains power and used as required. |
| Battery Low | Consider sourcing a different device running EA that has a fully charged battery. |
| Battery Critical | Stop using device running EA and connect it to mains power to fully recharge battery. |

| Warnings | |
|---|---|
| | EA must not be used outside of its intended use. |
| | EA is not for use for patients under the age of 18 years. |
| | EA does not replace the clinical judgement of a Clinician. |