



ANESTHESIA OVERVIEW

HOSPITAL INFORMATION SYSTEM (HIS)

ANESTHESIOLOGISTS

Navigating the Anesthesia Record

The screenshot shows the Anesthesia Record software interface. At the top, there is a menu bar with 'Task', 'View', 'Document', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons for functions like 'Select Case', 'Views', 'Finalize Case', 'Signatures', 'Suspend Case', 'Change User', 'Macros', 'Continuing Orders', 'Medications', 'Intake', 'Output', 'Actions', 'Inventory', 'Personnel', 'Charge Preview', 'Med/Fluid View', 'Patient's Chart', and 'Charting Mode'. The main workspace is divided into three main sections:

- Demographics Bar (1):** Located at the top, it contains patient demographic information (Name: ECS 11, ALAN, DOB: 1994-Aug-26, Age: 29 years, MRN: 11001314, Gender: Male), procedure details (Procedure: Appendectomy, Surgeon: Corner Test, Physician - General S...), and other case information (Case #: NFOR-2024-41, Monitors: No Known Medication Allergies, Height: 12 kg, Weight: 27.47 kg/m2).
- Documentation (3):** Located on the left, it contains a 'Start of Case' section with a list of categories: Induction, Monitors/Safety, Neuromuscular Monitoring, Pre-Existing Lines/Tubes, Pre-Existing Peripheral IV, Pre-Induction Assessment, and Universal Protocol. Below this is a grid for documenting various events like 'Start of Case', 'End of Case', 'Airway Management', 'Procedures', 'Patient Care', 'Positioning', 'Regional/Neuraxial Anesthesia', 'OB', 'Case Times', 'Perioperative Events', 'CV/Emergency Events', and 'Notes/Observations'.
- Charted Values (2):** Located on the right, it is a grid for charting values over time. The grid has columns for time (10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:40, 11:45) and rows for various parameters. The 'ketamine 500 mg/10 mL' row shows a value of 500 mg at 10:45. The 'sodium chloride 0.9% [1,000 mL]' row shows a value of 200 mL at 10:45. The 'Estimated Blood Loss' row shows a value of 50 mL at 10:45.

- 1. Demographics Bar:** Contains the patient's demographic information, such as name and age, as well as case information relevant to the current procedure. Some areas of the demographics bar can be opened to provide additional details or to allow you to document additional information.
- 2. To Do List:** You can require items to be completed before a case is finalized by adding them to the To Do list. You can add medications, intakes, outputs, macros, actions, and monitors to the To Do list.

To add items to the To Do list, select the item from one of the Category tabs below and drag it up to the To Do list box.

- 3. Charted Values:** Bedside medical device interfaces default collected values from the patient monitors onto the anesthesia record. These values may be modified for accurate charting. Increased charting efficiencies can be accomplished using touch screen as a user input method and macros to document several events in one execution.



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Selecting a Case

1. Click Select Case or select Task > Select Case to open the Select Case dialog box.
2. Enter information in one or more boxes to narrow the search, then click Search.
 - If the case cannot be found immediately using the default room, click the red X next to the room and then click Search again to find all of the day's cases.
 - If the case is still not found, enter different search criteria such as patient name, case number, or date and try to search again.
3. Select the case and click OK.

Creating a Blank Record

1. Click Select Case or select Task > Select Case to open the Select Case dialog box.
2. Click Blank Record.
3. In the Create Blank Record dialog box, click the binoculars on the Created Location field to open the Select Operating Room dialog box. Select a room location and click OK.
4. From the Document Type list, select the appropriate document type.
5. Change the Record Description if necessary and click OK.

ASA Class and Anesthesia Type

You can document or update the anesthesia type or ASA class directly from the

demographics bar. To do so, position your pointer over the plus sign next to either field (the plus sign turns green).

Then click the green plus sign to open the Anesthesia Type or ASA Class dialog box.

Starting a Macro

After opening the case, a macro can be started to assist in documentation efforts. A macro enters all of the medications, fluids, monitored values, actions, and inventory related to the case with the click of a button.

1. Click Macros
2. In the Select Macro dialog box, click the button with the name of the macro. The components of the macro are displayed and can be verified or excluded, depending on the procedure.
3. Select the appropriate check box to execute the component or place it on the To Do list.
4. If any of the items included in the macro need to be modified prior to executing the macro, click Edit to the right of the item.
5. Once the contents of the macro are verified, click Execute and those contents are recorded.

Continuous Orders

Continuous Orders functionality allows you to select existing infusion orders placed prior to surgery or by other providers, pull them into the anesthesia record and document against them. This reduces the risk of duplicate orders, and helps reduce the disconnect.