



Future State: Perioperative - Anesthesiology - Day of Surgery Overview

Cerner Workflow ID: 1769 (v. 15.0) Client Workflow ID: 243

Last updated by Kristen Boichuk (Doan), Apr 04, 2024 5:04pm (UTC -4 hours)

Workflow Details:

Workflow Name: Perioperative - Anesthesiology - Day of Surgery Overview

Workflow State: Future State

Workstream: Ongoing Assessment and Treatment

Venue: Perioperative

Client Owner: Boichuk (Doan), Kristen Rachel

Cerner Owner: Chariton,Caitlin M

Standard: Yes

Related Workflow(s):

Tags:

Workflow Summary:

Service Line: Anesthesiology

Related Solution(s): Anesthesia Management
Surgical Management

Project Name: Niagara Health System:OPT-0297674:NIAG_CD Niagara HIS RFP

TestBuilder Script(s):

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Workflow Notes:

Introduced By: WS 1

Validated By: WS 4

Swim Lane:

Role(s): Anesthesiologist

Department(s):

Security Position(s): Perioperative - CRNA
Perioperative - CRNA Independent
Physician - Anesthesiology
Physician - Anesthesiology Resident**Start/Stop** [20195]

Description: Day of Procedure: patient in Pre Operative Area (Day Surgery/ Endoscopy Admit Bay)

Work Step [20156]

Description: Review the Summary MPage for reference, interview patient and discuss anesthetic plan

Method: Summary MPage

Comments: The Preanesthesia evaluation workflow mpage allows for a streamlined

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summary of patient information such as vital signs, history, labs, and problems. Information documented in the Mpage, such as a new problem, will flow to the preanesthesia evaluation document.

Note: Summary MPages can also be used to accommodate this workflow.

Document [20199]

Description: Complete Preanesthesia Evaluation PowerNote, obtain verbal consent for Anesthetic Plan and sign

Method: PowerChart

Comments: This step creates an official record of the interview/evaluation and allows for procedural information to be charted including case information and the anesthetic plan. The anesthetic plan includes the ASA and Anesthesia Type, which will flow to the Anesthesia Record downstream and should be considered the source of truth.

Work Step [20102]

Description: Place ANES Pre Procedure PowerPlan on the chart or review/modify existing Anesthesia PowerPlans if applicable

Method: PowerOrders

Comments: Orders are placed in a planned phase if the patient goes to PAC, otherwise they are placed on Day of Surgery. The Nurse will initiate any planned PowerPlans as applicable.

Document [20203]

Description: Complete block and chart details in the anesthesia record

Comments: Do not start the professional time, simply chart any necessary meds/actions related to the procedure performed in preop.

Decision [20250]

Description: Is a preop/preprocedure block required?

Document [20252]

Description: Complete block and chart details in the anesthesia record

Method: Anesthesia Module

Swim Lane:

Role(s): Anesthesiologist

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Work Step [20157]

Description: Open the anesthesia record in the OR and ensure monitors are associated appropriately

Step Impact: Financial

Comments: Monitor association should be automatic based on WTS locations being assigned for the workstations in each OR.

Anesthesia Provider Start time action is documented, which will be used for charging for Anesthesia Professional Time

Work Step [20262]

Description: Patient in OR/Procedure Room

Comments: Anesthesia Provider Start time action is documented.

Decision [20394]

Description: Is this a Cataracts/ Ophthalmology Case using a Procedural Sedation Workflow with a Monitor (AA/RN)?

Work Step [20362]

Description: Access the Anesthesia Module from PowerChart. From Case Selection Screen, select the Surgical Area

Method: Anesthesia Module

Comments: Will not use PPID scanning (wristbands are often not accessible in the OR and we do not want to encourage "floating ID bracelets")
Opting NOT to automatically associate Anesthetic Monitor in case the monitors/machines or anesthesiologists are moving throughout the shift. Manual select. If opening the anesthesia record prior to patient entering the room, you may opt to disable the Continuous Inbound Orders prompt and "Provider Start Time" prompt. These would not begin until the patient has entered the room. NOTE: these steps would then become manual and require additional clicks.

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Work Step [20363]

Description: Select the correct patient/case and verify

Method: Anesthesia Module

Work Step [20364]

Description: Select Device for the appropriate Procedure Room and select OK

Method: Anesthesia Module

Step Impact: Financial

Comments: The starting time for the case can be adjusted once the case is opened in the Anesthesia Module*

Work Step [20159]

Description: From the 'Continuing Orders' window, select any Meds/Infusions to continue into the anesthesia record. Select 'OK'

Method: Anesthesia Module

Work Step [20161]

Description: Select appropriate macro, edit for the case if needed, then select 'Execute'

Method: Anesthesia Module

Comments: Once a Macro is executed, BMDI hemodynamic data will begin populating into the Anesthetic Record. (Ideally, you should execute your Macro as soon as the patient enters the room).

Work Step [20328]

Description: Administer and document Antibiotic Surgical Prophylaxis if applicable

Method: Anesthesia Module

Comments: Sometimes these are ordered by the Surgeon preoperatively- other times, during briefing if it is identified that prophylaxis has not been administered and Surgeons may reassess and have anesthesia administer these antibiotics.

Work Step [20371]

Description: Document the Cardiac Rhythm Interpretation by clicking on the time in the Anes-ECG data line and entering the interpretation

Method: Anesthesia Module

Work Step [20375]

Description: Drag and drop your 'Anesthesia Start Time from the 'To Do' list

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Method: Anesthesia Module

Work Step [20215]

Description: Chart items as applicable from the To Do list- clicking 'OK' to keep the action in the 'to do list' and 'Execute' to document

Method: Anesthesia Module

Comments: Anesthesia can 'prepare' documentation by documenting the Event and clicking 'OK' to keep the item in your 'To Do List' or 'Execute' to populate the event to the Anesthesia Record

Work Step [20385]

Description: Click on ASA Class and Anesthesia Type from the Blue Banner Bar at the top of the Anesthesia Module to document

Decision [20277]

Description: Does the patient require a blood transfusion?

Decision [20284]

Description: Is this a Ventilated patient requiring direct transfer to Critical Care?

Work Step [20285]

Description: Consult Intensivist on call to have patient accepted to Critical Care

Comments: Access SourceNet for the Intensivist on call and place a page or call.

Work Step [20290]

Description: Notify OR Nurse of patient disposition (to communicate with ICU re: readiness to accept patient)

Decision [20292]

Description: Is the ICU bed/nurse ready to accept patient direct from OR/Procedure Suite?

Work Step [20302]

Description: Call RT if needed, ask OR/procedural Nurse to Request a Porter if necessary for transfer.

Work Step [20306]

Description: If applicable, place ANES PowerPlan and make modifications as appropriate

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Work Step [20304]

Description: Accompany patient to ICU, give handoff to Intensivist/ ICU RN

Decision [20346]

Description: Does the record require a Supervisor Signature?

Off Page Reference [20397]

Workflow Link: Perioperative - Procedural Sedation (Ophthalmology/ Cataracts)

System [20369]

Description: Gases and Vital Signs (BMDI data) will begin populating the Anesthetic Record at this time

System [20378]

Description: Medications documented in the Anesthesia Module send to the MAR every 5 minutes

Method: PowerChart

Comments: Meds pulling to the MAR show up as administered, discontinued and are labelled (ANES) to indicate to the viewer that they are coming from the Anesthesia Record

Off Page Reference [20235]

Workflow Link: Perioperative - Anesthesiology - Blood Transfusion in OR

Comments: If a blood product transfusion is required in the intraop phase please see the linked workflow.

Decision [20267]

Description: Does the record require a Supervisor Signature?

Comments: Signature can be captured at any time during the case and should be determined based on facility policy.

For a Medically Directed model, it is recommended that the Supervisor signs the record before or immediately after Induction. If this is not possible, then before or immediately after Emergence.

Note: CMS mandates the Supervising Anesthesiologist be present during critical

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points of care i.e., induction of anesthesia and emergence.

For a Medically Supervised model, the signature can be captured at any point during the case.

Work Step [20269]

Description: Supervisor signs record

Method: Anesthesia Module

Work Step [20351]

Description: Supervisor signs record

Work Step [20271]

Description: Suspend the record before accompanying the patient to Recovery

Method: Anesthesia Module

Comments: After suspending the record, user will want to stop charting and terminate device connectivity. To improve efficiency, the "Stop Personnel" time prompt can be disabled.

Swim Lane:

Role(s): Anesthesiologist

Department(s):

Security Position(s): Perioperative - CRNA
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Work Step [20162]

Description: Patient in Recovery

Work Step [20400]

Description: Place ANES- Phase I Recovery orders if not already done. Modify if applicable.

Work Step [20163]

Description: Reopen anesthesia record and document Post- Anesthesia Assessment

Method: Anesthesia Module

Decision [20339]

Description: Is a Nerve Block indicated?

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Work Step [20223]

Description: Perform handoff communication with Recovery Nurse

Comments: As the patient is being transferred to the PACU/Recovery, the receiving RN can launch the current anesthesia record in a suspended status for a more effective handoff report. Here the anesthesia provider and the receiving RN can review the totals for the medication, Intakes, EBL and Urine output from the intraoperative phase of care.

Document [20220]

Description: Finalize anesthesia record and enter infusion totals in the 'Stop Data' dialog

Method: Anesthesia Module

Step Impact: Financial

Comments: For any net new medications or infusions that should be continued into PACU place a new order for them in the PowerPlan before the handoff is complete.

Anesthesia Provider Stop time action is documented, which will be used for charging
for Anesthesia Professional Time

Decision [20311]

Description: Reassess the patient. Has their clinical status warranted a change in disposition?

Work Step [20326]

Description: Support the patient with interventions as needed, adding orders into the ANES powerplan as applicable.

Comments: Add to the ANES Phase I Recovery Phase. The benefit to adding to phases- is that it would be easier to discontinue these orders as a 'batch/ phase'

Work Step [20388]

Description: Unfinalize the Anesthesia Record as needed to update changes in patient disposition/ status documenting a freetext note

Method: Anesthesia Module

Work Step [20392]

Description: Update the new 'stop time' in the Anesthesia Record and re-finalize the record

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Method: Anesthesia Module

Step Impact: Financial

Document [20342]

Description: Perform Nerve Block and document in SA Anesthesia Record

Work Step [20312]

Description: Is this a Same Day Surgery patient requiring unexpected admission to Surgical Inpatient Unit?

Work Step [20316]

Description: Surgeon to provide appropriate PAO and Admission PowerPlan based on specialty
Comments: i.e. for Epidural Management, Single Dose Spinal Opioid orders etc.

Work Step [20357]

Description: Support the patient, adding orders to the ANES PP while awaiting the consult & admission to IP unit

Off Page Reference [20315]

Workflow Link: Phys Track - Perioperative - Surgeon/ Proceduralist: Day of Procedure

Decision [20319]

Description: Is this a Same Day Surgery or Surgical Inpatient that requires a higher level of care?

Work Step [20321]

Description: Discuss with Surgeon and consult the physician on-call for the appropriate service.

Work Step [20323]

Description: Support the patient with orders/ interventions while awaiting the consult & admission to inpatient unit.

Facilities:

Facility Name: Niagara Falls Site

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 22, 2024

Facility Comments:

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Facility Name: St. Catharines

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 22, 2024

Facility Comments:

Facility Name: Welland

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 22, 2024

Facility Comments: