



Future State: Perioperative - Specimen Collection

Cerner Workflow ID: 6276 (v. 12.0) Client Workflow ID: 119

Last updated by Anjanette Balboa, Mar 11, 2025 1:40pm (UTC -4 hours)

Workflow Details:

Workflow Name: Perioperative - Specimen Collection

Workflow State: Future State

Workstream: Intradepartmental

Venue: Perioperative

Client Owner: Boichuk (Doan), Kristen Rachel

Cerner Owner: Chariton,Caitlin M

Standard: Yes

Related Workflow(s):

Tags:

Workflow Summary:

Service Line:

Related Solution(s): Anatomic Pathology

Microbiology

Surgical Management

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

TestBuilder Script(s):

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Workflow Notes: This workflow outlines the process for ordering and labeling specimens and sending them to the lab appropriately for Perioperative Areas (Endoscopy, Main OR, Day Surgery, APU Gyne Procedural Areas, Womens and Babies OR).

Introduced By: WS 6

Validated By: WS 7

Swim Lane:

Role(s): Prescriber [Custom]

Department(s):

Security Position(s):

Start/Stop [31021]

Description: Pre/Post Procedure: Clinical need to send specimens established. Enter and initiate order(s) within a SURG, GI or ANES PowerPlan

Method: PowerOrders

Comments: Pathology orders will be verbal orders given intraprocedure and documented for co-signature by the Nurse.

Non-Pathology specimens (i.e. Bloodwork or

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Urine Cultures) to be sent off can be ordered by the Prescriber outside the Intraoperative Phase of Care for the Pre Procedure or Recovery Nurse(s) to send off.

Decision [31063]

Description: Indicate on the orders if the Specimen is for appropriate for "Nurse Collect" Yes/No

Method: PowerOrders

Comments: If specimen is to be drawn by Anesthesia or Nursing indicate 'Yes'

Work Step [31024]

Description: Intraoperatively, provide Verbal Order for Specimens to be sent off if required

Comments: Surgeons will provide Verbal Orders if they are scrubbed and unable to enter these orders.

Anesthesia can enter any orders for specimens (ie. Bloodwork to be sent intraoperatively)

Swim Lane:

Role(s): Laboratory Department

Department(s):

Security Position(s):

Off Page Reference [31073]

Workflow Link: Gen Lab - Laboratory - PowerChart Specimen Collection - Lab Collect

Swim Lane:

Role(s): Circulator/Procedure Nurse

Department(s):

Security Position(s): Perioperative - Nurse

Off Page Reference [30997]

Workflow Link: Perioperative - Intraop/Intraprocedure

Decision [31003]

Description: Is there a Pathology Specimen to be sent?

Work Step [30977]

Description: Place appropriate order(s) based on specimen type (Laboratory, Microbiology etc.)

Method: PowerOrders

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Work Step [30982]

Description: Select each order individually and enter specimen-specific data (e.g. description)

Method: PowerOrders

System [30987]

Description: Go to Specimen Collection to print the label for each specimen order

Comments: Bypass the scanning of patients armband

Work Step [30886]

Description: Write collection time and mnemonic on the label and attach label(s) to the appropriate specimen container(s)

Comments: Use the Lab Test Information Guide on SourceNet to determine the appropriate container for the specimen.

Decision [31013]

Description: Are there any additional specimens needed?

Work Step [30990]

Description: On the Cultures and Specimens segment, indicate specimens have been ordered, including the type and destination

Method: Perioperative Document

Decision [31035]

Description: Is this an urgent specimen to be transported?

Comments: IE: Gastric, Breast tissue and frozen sections.

Work Step [30999]

Description: Send labeled specimen(s) to the lab/lab holding area

Work Step [31007]

Description: Order an Pathology Specimens PowerPlan - adding additional specimens to the PowerPlan as required.

Method: PowerOrders

Comments: Specialty-specific PowerPlans can be developed to help streamline

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this work step (e.g. GI Pathology Specimens).

A label can be printed for each separate order.

Work Step [31036]

Description: Enter order for porter in capacity management for specimen(s) pick up

Method: Capacity Management

Off Page Reference [31001]

Workflow Link: Perioperative - Intraop/Intraprocedure

Swim Lane:

Role(s): Phase I Recovery Nurse [Custom]
Phase II Recovery Nurse [Custom]
Endoscopy Nurse [Custom]
APU Nurse [Custom]
Day Surgery Nurse [Custom]

Department(s):

Security Position(s):

System [31031]

Description: Go to Specimen Collection, scan patients armband to print each order to the label printer

System [31045]

Description: Perioperative Tracking Board indicates new orders placed on a patient with a flashing Star icon

Work Step [31029]

Description: Nursing will monitor perioperative tracking board for new orders

Work Step [31050]

Description: Access 'Specimen Collection' from the toolbar

Method: PowerChart

Work Step [31051]

Description: Scan patient wristband barcode (Positive Patient Identification)

Method: PowerChart

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Work Step [31055]

Description: Scan the specimen label barcode

Method: PowerChart

Work Step [31080]

Description: Write employee mnemonic and collection time on label

Comments: This isn't necessary any longer

Work Step [31033]

Description: Obtain specimen(s) and Attach label(s) to the appropriate specimen container

Comments: Use the Lab Test Information Guide on SourceNet to determine the appropriate container for the specimen

Work Step [31059]

Description: Select 'Sign' to complete

Method: PowerChart

Work Step [31060]

Description: Send specimen to lab via Pneumatic Tube System, with a runner or enter for a specimen pickup in Capacity Management

Method: Capacity Management

Comments: List of Laboratory specimens that cannot be transported by Pneumatic Tube System:

1. All specimens that are collected in glass containers Exception to the above are:
Blood
Cultures bottles transported in specific containers provided by
Laboratory All Plasma Protein blood products but IVIG and Albumin
2. All specimens that are collected and preserved in formalin, alcohol, or other flammable solvents
3. All specimens from the Operating Rooms that are irretrievable
4. All specimens that are obtained by intrusive procedures that are difficult or impossible to

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recollect e.g. CSF, bone marrow, etc.

5. Specimens that need to be transported in temperature-controlled environments (keep warm or cold). e.g. specimens for the following tests: ammonia, cold agglutinant .

Because of the potential for exposure to infectious aerosols or droplets, it is not recommended to transport respiratory specimens from patients with suspected or confirmed Coronavirus Disease (COVID-19) through the pneumatic tube system (PTS).

System [31057]

Description: Checkmark populates next to specimen scanned indicating collection occurred

Facilities:

Facility Name: Niagara Falls Site

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 09, 2024

Facility Comments:

Facility Name: St. Catharines

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 09, 2024

Facility Comments:

Facility Name: Welland

Status: Approved

Facility Cerner Owner: Kearns,Caitlin M

Facility Client Owner: Boichuk (Doan), Kristen Rachel

Authorize Date: Feb 09, 2024

Facility Comments: