



Work Step	Off Page Reference	Off Page Reference	Off Page Reference	Start/Stop	Start/Stop
Working with HIU nurse to position patient, open sterile equipment,	DI - Radiology - Work Assignment	<ul> <li>DI - Radiology - Study Preparation</li> <li>and Exam Start</li> </ul>	DI - Radiology - Exam Complete	Images are sent to PACS	Assisting HIU RN with transporting patient to HIU recovery area.
[28326]	[28176]	[28320]	[28321]	[28322]	[28328]

 Future State: Cardiovascular - (Ambulatory/Radiology/Peri-op) Pacemaker Implantation Phase and Follow-up Clinic

 Cerner Workflow ID: 21513 (v. 6.0)
 Client Workflow ID: 1184

 Last updated by Lezlie Leduc, May 30, 2024 7:13am (UTC -5 hours)

 Workflow Details:

 Workflow Name:
 Cardiovascular - (Ambulatory/Radiology/Peri-op) Pacemaker Implantation Phase

and Follow-up Clinic Workflow State: Future State Workstream: Intradepartmental Venue: Ambulatory Client Owner: Cerner Owner: Standard: Yes Related Workflow(s): Tags:

## **Workflow Summary:**

Service Line: Cardiology Related Solution(s): Cerner Millennium EMR - Ambulatory Project Name: Niagara Health System:OPT-0297674:NIAG\_CD Niagara HIS RFP TestBuilder Script(s): Cerner Workflow ID: 21513 (v. 6.0) Client Workflow ID: 1184 Workflow Notes: Introduced By: WS 5 Validated By: WS 6

#### Swim Lane:

Role(s): Cardiologist Department(s): Security Position(s): Physician - Cardiovascular

#### Start/Stop [28084]

Description: Patient needs a Pacemaker procedure.

## Work Step [28178]

Description: Order a Pacemaker Insertion Powerplan Comments: Pre order set number 182: Pacemaker per procedure order set

> Post order set number 183: Pacemaker post procedure order set



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#### **Decision** [28127]

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Description: Emergency Case or Elective Case Comments: If less than 2 business days between when booking and needing to have appointment: Use the emergency appointment schedule workflow

off-page reference

## Off Page Reference [28130]

Workflow Link: Perioperative - Schedule Emergency Appointment - Main OR

## System [28098]

Description: Report in Paceart flows into Millennium as a PDF file

## Work Step [28349]

Description: Prescriber places orders to follow in recovery.

#### **Decision** [28233]

Description: Did the Prescriber decide to admit the patient (i.e. Order: PAO-Admit to Inpatient from Day Surgery)

Comments: If yes, the Prescriber would enter a PAO- Admit to Inpatient from Day Surgery

#### Off Page Reference [28240]

Workflow Link: Phys Track - Transitions - Direct Admit

Comments: These patient would be admitted to a monitored unit (ie: telemetry, ICU/CCU, 2A cardiology)

#### Off Page Reference [28299]

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

#### Off Page Reference [28205]

Workflow Link: Ambulatory - Prescriber Clinic Visit

#### Off Page Reference [28303]

Workflow Link: Phys Track - Transitions - Direct Admit

## Off Page Reference [28134]

Workflow Link: Perioperative - Schedule Elective Appointment (Novari)



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#### Work Step [28095]

Description: Cardiologist reviews Paceart report and updates as needed and sign off. Comments: Professional Fees drop for Cardiologist

# Swim Lane:

Role(s): Registration [Custom] Department(s): Security Position(s):

# Off Page Reference [28142]

Workflow Link: Registration - ERM - Inpatient Registration Process

# **Decision** [28144]

Description: Is this procedure for a patient that is already admitted to hospital

# Off Page Reference [28143]

Workflow Link: Registration - ERM - Outpatient Registration Process

## Swim Lane:

Role(s): HIU Nurse [Custom] Inpatient Nurse

Department(s): Security Position(s):

## Work Step [28145]

Description: Patient prepped for procedure

Comments: Nursing in the HIU can see the patients scheduled for the Day by putting Physician name into the Ambulatory Organizer.

Completing the Pacemaker questionnaires

Labs drawn: cbc; ptt; inr; sodium; potassium; chloride; creatine; urhea

diabetic: a POC blood sugar

INR- PTT if clinically necessary.

If inpatient confirm all this was done



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## Off Page Reference [28165]

Workflow Link: Perioperative - Pre Procedure

Comments: not using registration, peri-op tracking not applicable to pacemaker procedures.

## Off Page Reference [28161]

Workflow Link: Perioperative - Intraop/Intraprocedure

Comments: Note: Recover will follow this workflow and not the Phase 1 or Phase 2 recover from the intraop/intraprcedure.

## Work Step [28219]

Description: Complete Handoff using the Handoff MPage Method: MPage

## Work Step [28220]

Description: Document vitals and initial assessment within iView

Method: Interactive View

Comments: Vitals would typically be captured within I-View, specifically the Periop Quick View band when utilizing Model Experience content.

## Work Step [28222]

Description: Initiate appropriate phase of the Post Pacemaker Powerplan orders Method: PowerOrders

#### Work Step [28223]

Description: Provide nursing care documenting in iView as necessary until patient meets criteria for discharge

Method: Interactive View

Comments: Nursing to use the following discharge criteria.

#### Work Step [28224]

Description: Does the patient required and medication administration?

#### Work Step [28226]

Description: Chart discharge scoring system to determine discharge readiness



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# **Decision** [28228]

Description: Is discharge criteria met per facility policy?

# Work Step [28227]

Description: Notify Anesthesia/Proceduralist/Surgeon for further orders as applicable

# Work Step [28241]

Description: Discontinue the appropriate Recovery Phase orders

# Work Step [28242]

Description: Document transfer of care

# Work Step [28243]

Description: Patient transport to Inpatient by porter and/or nurse - utilize the Nursing Handoff to complete nursing handoff (TOC)

# Off Page Reference [28244]

Workflow Link: INA - Inpatient Nursing - Communication and Handoff Process

## Off Page Reference [28225]

Workflow Link: Ambulatory - In Clinic Medications (Scanning)

# Work Step [28237]

Description: Provide Pacemaker instructions by adding them to Ambulatory Visit Instructions with dot phrase (see comments)

Comments: Dot phrase

.PacemakerClinicPatientDischargeInformation

# Off Page Reference [28232]

Workflow Link: Ambulatory - Visit Instructions

Comments: Use the dot phrase:

# . Pacemaker Clinic Patient Discharge Information

# Work Step [28235]

Description: Select the Perioperative Discharge Powerform and complete documentation.



Cerner Workflow ID: 21513 (v. 6.0) Client Workflow ID: 1184 Method: PowerForm Last updated by Lezlie Leduc, May 30, 2024 7:13am (UTC -5 hours)

## Work Step [28236]

Description: From MPage, select IV Stop Times Component stop the IV Administration then navigate to ivew to document IV Discontinuation

Method: Interactive View

## Work Step [28238]

Description: Chart "Ready for Discharge" time Method: Interactive View

#### Work Step [28239]

Description: Discontinue the appropriate Recovery Phase orders Method: MPage

#### Work Step [28265]

Description: Document Discharge Time in iView

#### Work Step [28185]

Description: Patient departs the clinic and returns to for follow -up in the pacemaker clinic.

Comments: Patient returns to inpatient unit as appropriate. HIU nurse calls transport for return.

#### Off Page Reference [28351]

Workflow Link: Cap Man Patient Flow-NH Non Urgent Patient Transport

#### Swim Lane:

Role(s): Pacemaker Clinic Tech (Follow-up Clinic) [Custom] Department(s): Security Position(s): Cardiology - Technologist

#### Start/Stop [28290]

- Description: On Ambulatory Organizer have open with the Pacemaker Clinic Doctors pick the patient that needs the appointment
- Comments: Tech will have the Pacemaker Clinic doctors open on their Ambulatory so that they can see who is scheduled for Pacemaker Implantations surgery that day. By having the Patient's for: pacemaker clinic doctors open and will be able to open and schedule an appointment.



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(see appointment types in the scheduling workstep)

# Off Page Reference [28286]

Workflow Link: Scheduling - ESM - Schedule Appointment Comments: Pacemaker Clinic appointment types:

> Pacemaker Consult Pre PM Implant Pacemaker F/U Consult with Dr Pacemaker Replacement Consult Pacemaker Initial Post Insert Single Pacemaker Initial Post Insert Dual Pacemaker 2 Chamber Reprogramming Pacemaker 1 Chamber Reprogramming Pacemaker BI-V/ICD Implnt Defib No Prg Pacemaker BI-V/ICD Implnt Defib Progr Pacemaker Check Pre MRI Single Pacemaker Check Pre MRI Double

## Work Step [28288]

Description: Return to clinic appointment will populated on the Visit Instructions for the HIU nurse to give to patient

## Off Page Reference [28039]

Workflow Link: Scheduling - ESM - Check In Appointment

#### Work Step [27977]

Description: View patient in Ambulatory Organizer, click on patient and can launch into Power Chart

#### Work Step [28019]

Description: Technician confirms that the orders are correct being completed as per medical directive (RadNet orders)

# Comments: Medical Directive Orders: Pacemaker Interrogation Single Chamber Pacemaker Interrogation Dual Chamber ICD



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Interrogation Program

ICD Interrogation Program non-program Implantable Loop Recorder Interrogation

Workload for Pacemaker Technician drop

# Work Step [28055]

Description: Complete procedure in Paceart.

Comments: Depending on device, Information is automatically sent to Paceart( Medtronic) Other brands the Technicians need to manually upload information

# **Decision** [28108]

Description: Is this a post-op visit and/or any Critical Findings

# **Decision** [28031]

Description: Is the physician present for follow -up Exam

# Off Page Reference [28335]

Workflow Link: DI - Radiology - Work Assignment

# Off Page Reference [28337]

Workflow Link: DI - Radiology - Exam Complete

# Work Step [28110]

Description: Call to Cardiologist for followup instructions and follow the instructions provided. Comments: how do the staff document the followup instructions?

## **Decision** [28308]

Description: Direct Admin, Send to ED

# Off Page Reference [28336]

Workflow Link: DI - Radiology - Study Preparation and Exam Start

# Off Page Reference [28318]

Workflow Link: Scheduling - ESM - Inbound Faxed Scheduling to Orders

Comments: Pacemaker Technician will place a return to clinic order for next appointment.



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#### **Document** [28313]

Description: Document in progress note instructions from provider

## Work Step [28311]

Description: Send to the ED

## Swim Lane:

Role(s): HIU XRay Tech [Custom] Department(s): Security Position(s):

# Work Step [28326]

Description: Working with HIU nurse to position patient, open sterile equipment, getting patient on monitor.

## Off Page Reference [28176]

Workflow Link: DI - Radiology - Work Assignment

Comments: XR Pacemaker Permanent HIU XR Pacemaker Temporary (??does this

Orders will flow from the powerplan down to the HIU XR tech will need RadNet order place in Cerner.

#### Off Page Reference [28320]

Workflow Link: DI - Radiology - Study Preparation and Exam Start

## Off Page Reference [28321]

Workflow Link: DI - Radiology - Exam Complete

#### **Start/Stop** [28322]

Description: Images are sent to PACS

#### **Start/Stop** [28328]

Description: Assisting HIU RN with transporting patient to HIU recovery area.

## **Facilities:**

Facility Name: Niagara Health Ambulatory Care Status: Not Applicable

Facility Cerner Owner:



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Facility Client Owner: Authorize Date: Facility Comments:

