

The Oncology Collaborative Forum

March 23, 2023



MEDITECH
EXPANSE

Our Mission

To **advance oncology informatics** throughout healthcare organizations and to **enhance safety and efficiency of oncology practices**. The ONC Collaborative Forum will serve as subject matter experts and provide guidance, recommendations, and conceptualization on Oncology Best Practices through the use of MEDITECH software and provide feedback for the future design of the Oncology application.



Our Members



- Lauren Cox, MO
- Alli Evert, OH
- Amanda Gutshall, IA
- John Heeren, NJ
- Christine Mitry, ON
- Melissa Wyant, MA
- Mathew Poole, UK
- Sara Lewis, IN
- Tami Morsching, MN
- Joshua Vestal, KY
- Jodi Wieczorek, MN
- David Turberville, NJ
- Mariah Zavery, UK
- John Gath
- Tracy McCauley, MD
- Chris Mitchell, MA

AGENDA

Reminder: Bios
Hannah Schwartz

Survivorship
Emily Villeneuve

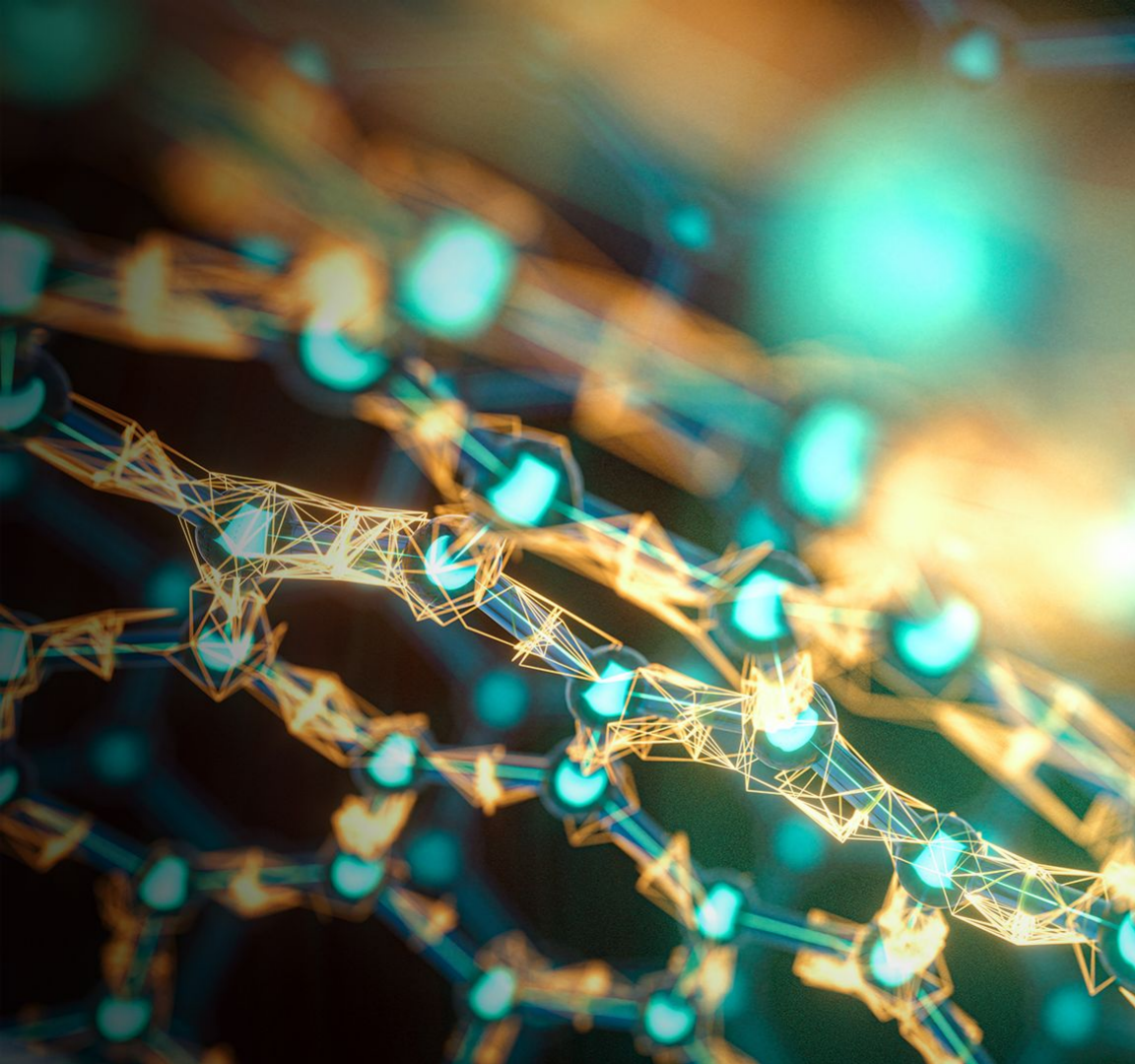
Order Sheet Enhancement
Sandy Kerfien

Height/Weight Enhancement
Ryan Palli

Discussion: MEDITECH Circle
Moderated by Hannah Schwartz

Development Roadmap
Nate Metille





Reminder: Bios



Survivorship

Presented by Emily
Villeneuve
Implementation Specialist

How can I access Survivorship?

The screenshot displays an EHR interface with a top navigation bar containing icons for Return To, Home, Workload, Chart, Document, Orders, Oncology, Sign, Compose, Chart Viewer, Menu, More, Help, User, and Close. Below this is a secondary navigation bar with tabs for Diagnostics, Provider Notes, Nurse/Allied Health, Medications, History & Problems, Administrative, Other Clinical, Workload Items, Summary, Activity, Flowsheets, and Health Mgmt. The 'Health Mgmt' tab is selected, showing a 'Health Management' section with a 'Start Survivorship' button. The 'Oncology Treatment Set' section is active, displaying a table of lab results and vital signs. The patient information panel on the right identifies the patient as Wallace, Lilly A, 32, F, born 07/10/1990, with MRN# MR00154488. The patient's registration is listed as REG AMB, FRAMCLIN, with a visit date of 01/18/2023. The interface also includes a search bar for the patient's chart and a conditions explorer.

Navigation Bar: Return To, Home, Workload, Chart, Document, Orders, Oncology, Sign, Compose, Chart Viewer, Menu, More, Help, User, Close

Secondary Navigation Bar: Diagnostics, Provider Notes, Nurse/Allied Health, Medications, History & Problems, Administrative, Other Clinical, Workload Items, Summary, Activity, Flowsheets, Health Mgmt

Health Management Section: Health Management (↑), Viewing: Oncology Treatment Set, protocol by: Overview

Oncology Treatment Set: Start Survivorship

Labs:

		Last Done	Next Due
✓ CBC		-	03/08/23
✓ Creatinine	0.98	08/09/22	08/09/23
✓ Basic Metabolic Panel		-	03/08/23
✓ Blood type		-	03/08/23
✓ Hematocrit	37	09/01/21	09/01/22
✓ Hemoglobin	13.1	08/31/21	-

Vital Signs:

		Last Done	Next Due
Blood pressure	120/80	09/01/22	09/01/23
BMI	18.9	09/01/22	09/01/25
Weight	65.001 g	09/01/22	PRN

Imaging:

	Last Done	Next Due
Mammogram	01/04/22	Ordered
PET scan - whole body - metastatic eval	-	03/08/23

Patient Information: Wallace, Lilly A, 32, F, 07/10/1990, MRN# MR00154488, REG AMB, FRAMCLIN, Visit Date: 01/18/2023

Search and Tools: Search Patient's Chart, Conditions Explorer

Right Panel: Allergies, Problems, Oncology Treatment Summary, Onc Diagnosis: Breast cancer

Survivorship Care Plan Output

Page 1 of 3

Survivorship Care Plan

General Information:

Patient Information:

Name	Birthdate	Phone Number
Lilly Wallace	07/10/1990	

Allergy / Adverse Reaction	Reaction
ciprofloxacin	Abdominal Pain
red dye	Congested
[cat hair]	

Diagnosis:

Diagnosis	Breast cancer greater than 0.1 cm and less than or equal to 0.5 cm in greatest dimension
Onset Date	
Staging	Pathological: pT0 pN0 cM0(i+) Stage Group: IA Clinical: cT0 cN1 cM0(i+) Stage Group: IIA

Diagnosis	Ovarian cancer on left
Onset Date	
Staging	Pathological: pT0 pN1 pM1 Stage Group: IV Clinical: cT0 cN0 pM1a Stage Group: IVA

Diagnosis	Systemic lupus erythematosus, unspecified
Onset Date	
Staging	

Follow-Up Care:

Follow-Up Visits:

Survivorship Frequency Per Protocol

Test	Frequency
Albumin	Every 6 Months
Basic Metabolic Panel	Yearly
Blood Urea Nitrogen	Every 6 Months
Bone Densitometry	Monthly
Breast cancer risk questionnaire	Every 5 Years
CBC	Monthly
Colonoscopy	Once
Creatinine	Yearly
Glucose	
Hematocrit	Yearly
Hemoglobin	
Liver Ultrasound	Every 2 Months
Mammogram	Every 6 Months
Mammogram Scanned report	
Pelvic Exam	Yearly

Patient: Lilly Wallace

Page 2 of 2



Additional Notes:

Registration Status:
Primary Language:
Preferred Language:

How can I track my patients over time?

The screenshot displays a patient's medical record interface. At the top, a navigation bar includes icons for Return To, Home, Workload (999+), Chart, Document, Orders, Oncology, Sign (24), Compose, Chart Viewer, Menu, More, Help, User (EV), and Close. Below this is a category menu with tabs for Diagnostics, Provider Notes, Nurse/Allied Health, Medications, History & Problems, Administrative, Other Clinical, Workload Items, Summary, Activity, Flowsheets, and Health Mgmt. The main content area is titled 'Health Management' and shows 'Breast Cancer' protocol by 'Overview'. It features a 'Create Survivorship Plan' button with a start date of 03/04/2022. The 'Labs' section lists CBC, Creatinine, and Basic Metabolic Panel (Glucose, Hematocrit, Hemoglobin) with their respective values and due dates. The 'Breast Assessment' section includes Breast cancer risk questionnaire and Quality of life. The 'General / History Data' section shows Smoker status. The 'Immunizations' section is currently 'No Schedule'. The right sidebar shows patient information for Lilly A Wallace (Amb, 32, F, 07/10/1990, MRN# MR00154488), a search bar, and expandable sections for Allergies, Problems, and Oncology Treatment Summary (ONC Diagnosis: Breast cancer, Staging: C: cT0 cN0 cM1 Stage Group: IV, Clinical Indication: HER2 negative; Adjuvant).

Return To **Home** **Workload** **Chart** **Document** **Orders** **Oncology** **Sign** **Compose** **Chart Viewer** **Menu** **More** **Help** **User** **Close**

Diagnostics **Provider Notes** **Nurse/Allied Health** **Medications**
History & Problems **Administrative** **Other Clinical** **Workload Items**
Summary **Activity** **Flowsheets** **Health Mgmt**

Health Management

Viewing: **Breast Cancer** protocol by **Overview**

Breast Cancer

Create Survivorship Plan *** Start Date** 03/04/2022

Labs		Last Done	Next Due
✓ CBC		-	03/08/23
Creatinine	0.98	08/09/22	08/09/23
✓ Basic Metabolic Panel		-	03/08/23
Glucose	90	08/31/21	-
Hematocrit	37	09/01/21	09/01/22
Hemoglobin	13.1	08/31/21	-

Breast Assessment

	Last Done	Next Due
✓ Breast cancer risk questionnaire	-	03/08/23
Quality of life	-	-

General / History Data

	Last Done	Next Due
Smoker	03/08/23	03/08/24

Immunizations

	Last Done	Next Due
✓ No Schedule		
HPV 1	-	No Schedule
HPV 2	-	No Schedule
Td	-	No Schedule

Wallace, Lilly A
 Amb 32, F · 07/10/1990
 MRN# MR00154488

Powered by Google Health

Search Patient's Chart

[Conditions Explorer](#)

Allergies

Problems

Oncology Treatment Summary

ONC Diagnosis
Breast cancer

Staging
C: cT0 cN0 cM1 Stage Group: IV

Clinical Indication
HER2 negative; Adjuvant

How do I create a Survivorship Care Plan?

Select Items for Survivorship Plan [Cancel] [Save]

Survivorship Frequency

Now Weekly Monthly Per Protocol

- > Select Care Team Members
- > Select Oncology Clinics
- > Select Relevant Surgeries
- > Select Plans for Treatment Summary
- ∨ Add Additional Side Effects and Notes

Long Term Effects and Symptoms

[A] [B] [i] [U] [→]

Auto [+] [-] [≡]

Td No Schedule

Wallace, Lilly A
32, F · 07/10/1990
MRN# MR00154488

Amb

Powered by Google Health

Search Patient's Chart

[Conditions Explorer](#)

- > **Allergies**
- > **Problems**
- ∨ **Oncology Treatment Summary**

ONC Diagnosis
Breast cancer

Staging
C: cT0 cN0 cM1 Stage Group: IV

Clinical Indication
HER2 negative: Adjuvant

Breast Cancer

Viewing: Breast Cancer protocol by

Create Survivorship Plan

* Start Date 03/04/2021

Labs

Test	Value	Date
CBC		Last D
Creatinine	0.98	08/09
Basic Metabolic Panel		
Glucose	90	08/31
Hematocrit	37	09/01
Hemoglobin	13.1	08/31/21



Poll Question 1



A photograph of a male doctor with a beard and glasses, wearing a light blue shirt and a teal stethoscope, looking down at a tablet computer. A female patient with long brown hair, wearing a light-colored sweater, is sitting next to him, also looking at the tablet. The background is a blurred office or clinic setting with a pink potted plant.

Printed Order Sheet Enhancement

Presented by Sandy Kerfien, Supervisor

Current Standard Printed Order Sheet

MEDITECH General Hospital 1 MEDITECH Circle Westwood, MA. 02090	Order Sheet Clinic: Atlantic Cancer Center	Page: 1 of 1 Date: 03/20/23 11:27 MT, MEDITECH J
Patient: Shelby, Michael Age/Birth Sex/DOB: 42 M 01/01/81 Med Rec Num: M000000284 Vitals: HT: 6 ft WT: 197 lb Ideal BSA: 2.12 m ² Actual BSA: 2.12 m ²	Clinic: Oncology Location: INFUS.LP	
Allergies/ADRs: penicillin G		
Diagnosis: Malignant neoplasm Plan: Gemcitabine/CARBOPlatin Indication: Upper GU Tract Tumors: Metastatic Cycle: 1 Initial Treatment Start Date: 03/20/23 Cycle Status: Ordered Order Source: Physician Order Ord. Prov.: MT, MEDITECH J MD RN MBA CNA Entered By: MT, MEDITECH J MD RN MBA CNA		
Admin Date: 03/20/23 Medication: CARBO Final Dose: 50 mg Frequency: Once Signed By: MT, MEDITECH J MD RN MBA CNA	Admin Day: 1	
Medication: Dexamethasone Sod Phosphate/Pf [Dexamethasone 10 mg/ml Vial] Admin Day 1 Order Date 03/20/23		
Procedure: Complete Blood Count Urgent Admin Day 1 Order Date 03/20/23		
Medication: Diphenhydramine HCl Admin Day 1 3 5 Order Date 03/20/23 03/22/23 03/24/23		

Key Enhanced Features

- **Ordered Date**
- **Medication: Additive Name**
- **Dose: Additive Dose**
- **Medication: Additive Name (if multiple additives)**
- **Dose: Additive Dose (if multiple additives)**
- **Fluid Name:**
- **Fluid Volume:**
- **Rate:**
- **Duration:**
- **Frequency:**
- **Status:**
- **Rx Comments**
- **Pending Comments**
- **Admin Day:**
- **Order Date:**
- **Disclaimer (Bottom of each page)**
 - ***Disclaimer: "If rate or duration can not be calculated due to broadcast date/time, the field will display blank, and may need manual calculation."**

Printed Order Sheet Enhancement

MEDITECH Gen. Hosp. - DEV21.US		Order Sheet	Page: 1 of 1		
1 MEDITECH Circle Westwood, MA 02090	Clinic: Atlantic Cancer Center	Date: 02/20/23 3:14 pm Mt,Meditech T.			
Patient: Oncology, March					
Age/Birth Sex/DOB: 44 M 12/25/77					
Med Rec Num: MR00041413		Location: Atlantic Cancer Center			
Vitals: HT: WT: Ideal BSA: m ² Actual BSA: m ²					
Diagnosis: Malignant neoplasm of skin					
Plan: Carbo/Taxol (LL)					
Indication: Adjuvant Therapy					
Cycle: 1					
Cycle Status: Ordered		Ordered Date: 02/20/23			
Order Source: Provider					
Ord. Prov.: Mt,Meditech T. MD					
Entered By: Mt,Meditech T. MD					
Admin Date: 02/20/23 Admin Day: 1					
Medication: CARBOPlatin (Paraplatin)					
Clin. Ind.: Chemotherapy					
Regimen Dose: ADC 4					
Final Dose: 520 mg (Banded) in Dextrose 10 % in Water [test dextrose] 248 ml at 300 mls/hr					
Frequency: ONCE					
Status: Ordered					
Signed By: Mt,Meditech T. MD					
Admin Date: 02/20/23 Admin Day: 1					
Medication: PACTitaxol (Taxol)					
Clin. Ind.: Chemotherapy					
Regimen Dose: 175 mg/m ²					
Final Dose: 300 mg (Round to 5) in 0.9 % Sodium Chloride [Sodium Chloride] 200 mls infuse over 3 hr					
Dosing BSA: 1.7 m ² (Mosteller)					
Frequency: ONCE					
Status: Ordered					
Signed By: Mt,Meditech T. MD					
Medication: diphenhydrAMTNE HCl					
Dose: 50 mg					
Frequency: DAILY					
Status: Ordered					
Admin Day	1	5	7	14	
Order Date	02/20/23	02/24/23	02/26/23	03/05/23	
Medication: LORazepam					
Dose: 4 mg					
Frequency: TWICE per DAY					
Status: Ordered					
Admin Day	1	2	5	8	
Order Date	02/20/23	02/21/23	02/24/23	02/27/23	

*If rate or duration cannot be calculated due to broadcast date/time, the field will display blank, and may need manual calculation.



Poll Question 2





Simplify Height and Weight Enhancement (2.2.6 & 2.1.38)

Presented by Ryan Palli
Analyst

Patient Visit Workflow



- Patient weighed during their Provider Visit
- Flows to Pharmacy for proper drug calculation verification
- Infusion nurses will then have the most recent weight information

Ht & Wt Queries in EMR Parameters

E EMR Parameters (DEV.US) Return To More Help MJ User X Close Last Edit: 03/16/2023 08:51

General	Patient Care	Patient History	Facility	Notices	Discharge	Query Links
CCD	Ambulatory	PHS	MAR	Web EHR	Coding	

Assessment Sections

Vital Signs	Vital Signs [VALR.VS2]
I & O	Intake & Output Panel [EMR.IO]
Patient Care History	Past Medical History Panel [EMR.HX]
Suppress Positives Panel	No

Clinical Summary Groups

Summary Health Maintenance	Health Maintenance Summary [SUMMARY.HM]
Summary Substance Use	Substance Use Summary [SUM.SA]

Query Map

Temperature	Temperature [VS.TEMP]
Pulse	Pulse Rate [VS.PULSE]
Respiration	Respiratory Rate [VS.RESP]
Blood Pressure	Blood Pressure [VS.BP]
Blood Pressure Systolic	
Blood Pressure Diastolic	
Pulse Oximetry	Pulse Oximetry [RESP.POSAT]
Height	Height [VS.HEIGHT]
Weight	Weight [VS.WEIGHT]
Head Circumference	Pediatric Head Circumference [PED.HC]
Body Mass	Body Mass Index [VS.BMI]
IV	IV? [OEIV]
O2	Oxygen in Use [NED.PROXY]
Oxygen Delivery Method	Oxygen Delivery Method [RESP.OXDMT]
Oxygen Flow Rate	Oxygen Flow Rate [RESP.OXFR]
Fraction Inspired Oxygen	Fraction of Inspired Oxygen [RESP.OXPD]
Gestational Age at Birth Completed Weeks	Gestational age (weeks) [.AM.GESTAGE]
Gestational Age at Birth Partial Week in Days	Gestational Age (Days of Partial Week) [MWP.GA.DAYS]
Mother's Height for Midparental Calculation	Midparental Mother's Height [MOTHER.HEIGHT.2]
Father's Height for Midparental Calculation	Midparental Father's Height [FATHER.HEIGHT.2]

Queries for Urine Output Calculation History Queries for Delivery Data Cancel ? 🔒 📧 🚫

ONC & AMB Locations in EMR Parameters

E
Return To

EMR Parameters (DEV.US)

More

Help

MJ
User

Close

Last Edit: 03/16/2023 16:53

General	Patient Care	Patient History	Facility	Notices	Discharge	Query Links
CCD	Ambulatory	PHS	MAR	Web EHR	Coding	

Show Imaging Indicator for All Order Service Dates on Visit

Facilities **Oncology**

Location	Default Treatment Location	Default Registration Type	Default Registration Status
East Coast Family Practice	Atlantic Cancer Center	Clinical	SCH
New England Clinicians	Atlantic Cancer Center	Clinical	SCH
South Oncology	Caspian Cancer Clinic	Clinical	PRE
Framingham Oncology Clinic	Oncology Infusions	Clinical	PRE

Treatment Location	Default Clinical Resource Location
Atlantic Cancer Center	Framingham Oncology Clinic
Ionian Cancer Center	North Oncology Clinic
Caspian Cancer Clinic	South Oncology
Oncology Infusions	Framingham Oncology Clinic

Schedule Cycle Days Before Treatment	30
Rx & Tests Cycle Days Before Treatment	30
Dose/Review Cycle Days Before Treatment	30

View

Edit

Report

History

Cancel



Default ONC Location in EMR Toolbox Parameters

E Return To **EMR Toolbox Parameters (DEV.US)** More Help **MJ** User **X** Close

Last Edit: 03/17/2023 12:01

General Problems/Allergies Facility MAR 1 MAR 2 Registry Documents Other Vendor

Acute Maximum allowed open charts per session	5
ED Maximum allowed open charts per session	5
Surgery Database?	Yes
Display EMR Num or Med Rec Num for record lists	Med Rec Number
Immunization Route Group Response	Immunization Route [IMM.RTE]
Immunization Units Group Response	Immunization Units [IMM.UNITS]
Immunization Screening Result Comment Grp Response	Immunization Screen Result [IMM.SCRN]
Allow independent Add/Remove Patient	Yes
Rounds Report List Custom Format Default	Rounds Report
Unassociated Provider Visit Access Group Response	Unassociated Visits [UNASSOC.VISITS]
Enable 5.x Most Recent Lab	Yes
Enable 5.x Most Recent Report	Yes
Historical Migration Link Label	Historical Visits
Historical Record Column Label	Column Label
Display Historical Record In Second Web Browser Tab	No
Enable Bulletin Board	Yes
Default Note Category for Appointment	None
Default Expans Oncology Performing Location	Atlantic Cancer Center
Default Expans Oncology Performing Provider Site	
Disable Automerge for Patients Migrated 5.x to 6.x	No
Disable Chart Search	No
Enable Genetics	Yes
Enable SMR Refresh	Yes

Sign Up Access

Provider Field	Sign Up	Replace	Remove
Admitting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Attending	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PCP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Family	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Primary Responsible Provider	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Keep as Other Provider

External Source Map

History Cancel

Vital Signs Display in Ambulatory

Return To Home Workload Menu Chart Document Orders Debug/Break Debug/Break Compose More More Help User Close

Office Visit Preview Rapid Entry Typicals Save Draft Complete

Principal Meditech DONOT EDIT JOBS MD, MD Contributors Last Saved at 03/17/2023 14:49

Intake PFSH HPI Review of Systems Exam Procedures Supplemental Info Quality Reporting Assessment & Plan Alex's Testing Web Section Coding Depart

Vital Signs Typicals

	03/17/2023 14:41 EDT	03/17/2023 14:41 EDT	New
Height	1.8 m	1.8 m	
Weight	67.2 kg	67.2 kg	
BMI	20.6		
BP	121/88 H		
Blood Pressure Location	Rt radial		
Position	Sitting		
Respiration	21		
Pulse	87		
Pulse Source	NIBP		
Temp	98.7 F		

Smith, Aaron
34, M · 01/01/1989
MRN# MR00522593

REG AMB, ECFP

1.8m
67.2kg

BSA: 1.83m²

Visit Date: 03/17/2023

Resus Status Needs Update
Hx Avail

Powered by Google Health

Search Patient's Chart

Conditions Explorer

Allergies

cefaclor (From Ceclor) Anaphylaxis
[Whale oil] Abdominal Pain

Problems

HCC

Breast cancer in male 0.150

A close-up photograph of a doctor in a white lab coat with a stethoscope around their neck. The doctor is looking down at a patient's hands, which are clasped together. The patient is wearing a light-colored, textured sweater. The scene is set in a clinical or hospital environment, with a blurred background showing a computer monitor and other medical equipment.

Poll Question 3



Discussion: MEDITECH Circle





MEDITECH Circle Reminders

- All PHI/PII data must only be added to that section. Please do not copy entries from historical cases into a case without manually redacting all PHI data.
- You can also upload files to the PHI/PII section. Review all files for PHI/PII prior to determining the appropriate area to upload.
- Remember to always switch the status of a case to Open when looking for a MEDITECH response to ensure that it can be seen promptly by all support staff.

MEDITECH Circle Resources

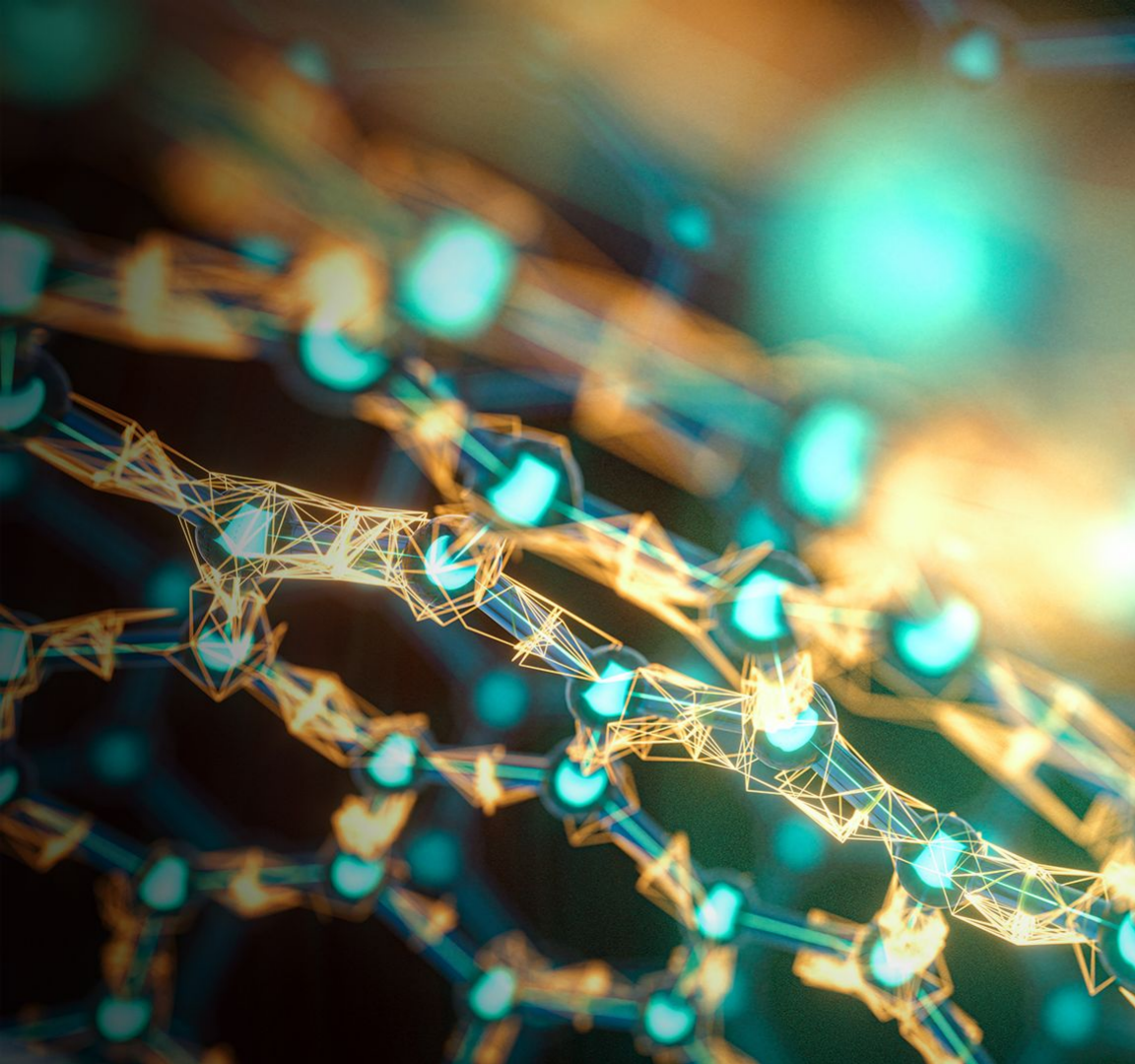


For more information, please review [Educational Documents and Videos](#)



Poll Question 4





Development Roadmap

Presented by Nate Mettillie,
Manager, Development

Oncology Development Roadmap



Complete

- AJCC Staging API v2 Updates
- Inpatient Chemo Administration improvements
- Genomics: GenomOncology Integration
- Oncology Downtime Reports
- Order Sheet Improvements



In Progress

- Regimen Ordering Research (Oncology Ordering in Web)
- Genomics: Chart Widgets



Upcoming

- e-Prescribing for Ambulatory Meds / Amb Drug Products in Treatment Plans
- Accommodate Edits to Ambulatory Meds made outside of ONC



Determining

- Project Plan for Regimen Ordering (Oncology Ordering in Web)
- Genomics: Integration with Documentation and Problem List

Development Corner: Active Research



- Regimen Ordering (Oncology Ordering in the Web)
 - Nate Mettille or Michelle Nabors
- Genomics and Oncology
 - Designer: Heidi Sokoloski - hsokoloski@meditech.com
- Accommodate Edits to AMB Meds
 - Designer: Libby Leach - eleach@meditech.com

General Oncology Development contacts:

Nate Mettille

Manager Development, Oncology

nmettille@meditech.com

Michelle Nabors

Senior Supervisor Development, Oncology

mnabors@meditech.com

Matt Soehl, RPh, PharmD

Product Manager, ONC / PHA

msoehl@meditech.com



QUESTIONS?

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A close-up photograph showing a caregiver in a blue uniform supporting an elderly person. The caregiver's hands are gently holding the elderly person's arms, and the elderly person is holding a wooden cane. The scene is set in a clinical or care facility environment.

THANK YOU

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