

# Oncology Advisory Committee

May 25th, 2022

**MEDITECH**



## Our Mission

The ONCAC mission is to **advance oncology informatics** throughout healthcare organizations and to **enhance safety and efficiency of oncology practices**. The ONCAC committee members 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.







# Agenda

- Patient Registries
- Downtime Reports
- Development Corner
- Point of Care
- 2022 Clinical Symposium Sneak Peek



# Patient Registries

*Scott Godbout, Product Manager*



# Patient Registries Summary

- Introduced with Ambulatory
- NOW a key feature of newest solution [Care Compass](#)
- Ideal for Care Managers, Patient Navigators, Social Workers, Researchers
- Registries are Actionable, Live, and direct links to the patient's chart
- Based on predetermined criteria (algorithm always on)
- Medical record (patient) based which is important for tracking oncology patients being seen on multiple accounts for various reasons

# Patient Registries Basics

- Rules engine built on two basic building blocks (dictionaries) called **Facts & Rules**
- Shared with Surveillance toolset (account specific)
- Automated and Manual Worklists can also be managed
- Seamless integration with Workload

# Dynamic, enterprise-wide registries, allow care managers to easily;

- Identify and monitor cohorts of patients with the most immediate needs.
- Ensure patients are following the appropriate protocols for their conditions/wellness.

## Standard Content Registries

- Wellness Registries
- Chronic Condition Registries
- Custom built - Today's Oncology examples



# Creation of NEW Oncology Data Fields for Registries Use

EPIC CLIN-183633 Integrate Oncology Data with AMB Registries

New Data Fields Introduced:

- CLIN-186302 AMB Registries: **Allow Treatment Plan information** to be used in Fact building
  - Includes Clinical Indication for use (Adjuvant, Metastatic, etc.)
  - Plan Status (Active & Stopped)
- CLIN-186309 AMB Registries: Registry Item for Oncology Treatment Plans
- CLIN-186310 AMB Registries: TNM Staging
  - Stage Group = Clinical (Manually or Calculated)
  - Stage Group = Pathologic (Manually or Calculated)



# Specification

## Initiative:

Cancer Centers often have patients coming and going frequently, and gaps in care can cause major complications. AMB Registries is a product that allows for the creation of lists of patients, based on criteria, brought together for a specific purpose. This initiative aims to add additional items to improve the experience of a Cancer Center using Ambulatory Registries.

## Story:

This story makes certain pieces of TNM Staging data available to use when building Facts within AMB Registries. These items include:

### ONC Ajcc Problem:

This allows the ability to write a fact to determine if a patient has the specified AJCC problem.

### ONC Ajcc PatProblInstance:

This allows the ability to write a fact to determine if a patient has the specified AJCC problem.

### ONC Ajcc StageClinMan:

This allows the ability to write a fact to determine if a patient has a manually set clinical TNM stage.

### ONC Ajcc StageClinCalc:

This allows the ability to write a fact to determine if a patient has a calculated clinical TNM stage.

### ONC Ajcc StagePathMan:

This allows the ability to write a fact to determine if a patient has a manually set pathological TNM stage.

### ONC Ajcc StagePathCalc:

This allows the ability to write a fact to determine if a patient has a calculated pathological TNM stage.



Return To



Main Fact Embedded In

\* Item **ONC Ajcc StagePathCalc**

\* Operator **In List**

Modifier

Sub Modifier

- Any
- Contains
- Contains All
- Contains Any
- Does Not Contain
- Does Not Contain All
- Does Not Contain Any
- Does Not Exist
- Equals
- Exists
- In List**
- In Range Exclusive
- In Range Inclusive
- Not Equal
- Not In List
- Not In Range Exclusive
- Not In Range Inclusive

- IV
- IVA
- IVB
- IVC

# Create your Facts

View

New

**Edit**

Report

History

Cancel Save







Return To

# Rules Engine Validation (MKTAFLIVEF - TEST)

## ONC.IV.BREAST - Stage IV Breast cancer

Patient	Evaluation
Anctil,Pamela W EB0000199857	Met
Backoff,Fred EC0000086517	Not Met
Banderson,Miguel T EC0000037670	Not Met
Bina,Veera EC0000086549	Met
Villapiano,Paul T EB0000199850	Met

Rule  
 [f] Breast cancer <And> [r] ONC Stage IV cancers

- Criteria
- EMR Prob SNOMED Code
  - ONC Ajcc StageClinCalc
  - ONC Ajcc StageClinMan
  - ONC Ajcc StagePathCalc
  - ONC Ajcc StagePathMan

Value
254837009
269533000

Evaluation
Not Met
Met
Not Met
Not Met


e
ie

**\*Rules Engine Validation**



All Access Work Group Registry Menu



Flowsheet Last Updated: 05/13/22 12:00

Wellness 5,244 Patients

Registry	Patients	Last Update
Senior Immunizations >60	4,749	May 11, 2022 00:02
Pediatric Wellness Age 0-2	0	Sep 13, 2021 00:00
Pediatric Wellness Age 3-11	42	Apr 03, 2022 00:01
Pediatric Wellness Age 12-17	14	Mar 29, 2022 00:01
Adult Female Wellness 18-39	67	Apr 15, 2022 00:01
Adult Female Wellness 40-49	21	Apr 25, 2022 00:01
Adult Female Wellness 50-64	26	Apr 25, 2022 00:01
Clinical Trial: NIH 85412 (BrCa)	37	Nov 12, 2021 01:27
Adult Female Wellness 65+	86	Nov 05, 2021 10:52
Adult Male Wellness 18-39	10	Mar 17, 2022 00:00
Adult Male Wellness 40-49	21	Apr 06, 2022 00:01
Adult Male Wellness 50-64	110	May 10, 2022 00:00
Adult Male Wellness 65+	61	May 10, 2022 00:00

Event-Driven 4,438 Patients

Registry	Patients	Last Update
Admitted Inpatients	417	Mar 17, 2022 10:52
Practice Patients In The ED	263	Apr 27, 2022 01:14
ED Patients Discharged Last 30 Days	1,644	Apr 27, 2022 01:12
Inpatients Discharged 30 Days	2,114	Mar 17, 2022 09:41

Coumadin 216 Patients

Registry	Patients	Last Update
Coumadin	216	Mar 07, 2022 11:45

Evusheld Eligible 12 Patients

Registry	Patients	Last Update
Evusheld Eligible	12	May 03, 2022 16:46

Cancer Center 282 Patients

Registry	Patients	Last Update
Stage IV Breast	9	May 11, 2022 15:47
Stage IV Lung	7	May 11, 2022 16:09
Indication: Metastatic (all)	16	May 12, 2022 14:40
Stopped Treatment Plans	34	May 12, 2022 14:40
Active Treatment Plans	216	May 12, 2022 14:40

> Automated Worklists

> Manual Worklists

All Access Work Group Registry Menu



Flowsheet Last Updated: 05/13/22 12:00

> Ischemic Vascular Disease	20 Patients
> COVID-19	44 Patients
> Hypertension	4,310 Patients
> Depression	147 Patients
> Hyperlipidemia	604 Patients
> ADHD	10 Patients
> Asthma	278 Patients
> Substance Abuse	10 Patients
∨ Wellness	5,244 Patients

Registry	Patients	Last Update
Senior Immunizations >60	4,749	May 11, 2022 00:02
Pediatric Wellness Age 0-2	0	Sep 13, 2021 00:00
Pediatric Wellness Age 3-11	42	Apr 03, 2022 00:01
Pediatric Wellness Age 12-17	14	Mar 29, 2022 00:01
Adult Female Wellness 18-39	67	Apr 15, 2022 00:01
Adult Female Wellness 40-49	21	Apr 25, 2022 00:01
Adult Female Wellness 50-64	26	Apr 25, 2022 00:01
Clinical Trial: NIH 85412 (BrCa)	37	Nov 12, 2021 01:27
Adult Female Wellness 65+	86	Nov 05, 2021 10:52
Adult Male Wellness 18-39	10	Mar 17, 2022 00:00
Adult Male Wellness 40-49	21	Apr 06, 2022 00:01
Adult Male Wellness 50-64	110	May 10, 2022 00:00
Adult Male Wellness 65+	61	May 10, 2022 00:00

> Event-Driven	4,438 Patients
> Coumadin	216 Patients
> Evusheld Eligible	12 Patients
∨ Cancer Center	282 Patients

Registry	Patients	Last Update
Stage IV Breast	9	May 11, 2022 15:47
Stage IV Lung	7	May 11, 2022 16:09
Indication: Metastatic (all)	16	May 12, 2022 14:40
Stopped Treatment Plans	34	May 12, 2022 14:40
Active Treatment Plans	216	May 12, 2022 14:40

- > Automated Worklists
- > Manual Worklists

Indication: Metastatic (all)

Filter Hide/Show Actions

Find Patient in Registry

1 of 16 Selected, 0 Suppressed

Last Refreshed: 05/13/22 12:13

Page 1 of 1

<input checked="" type="checkbox"/>	Patient	Recent Oncology Treatment Plan	Chronic Conditions	BMI	# of Meds	# of Rx Meds	Med Rec	SBP / DBP
<input type="checkbox"/>	<b>Estabrook, Nancy</b> PCP: Burgess, Adam 48 F	CT Breast NIH85412, ARM A	1	24.9	(12M)	0	0	131/78 (31M)
<input type="checkbox"/>	<b>Clinton, Patsy</b> PCP: <none> 57 F She/Her/Hers	CT Breast NIH85412, ARM A	1	21.9	(15M)	0	0	110/80 (15M)
<input type="checkbox"/>	<b>Medlin, Bruce</b> PCP: Belanger, Marc 51 M He/Him/His	Docetaxel	0	24.4	(121)	4	2 Y (15M)	110/80 (121)
<input type="checkbox"/>	<b>Howard, Megan A</b> PCP: Newman, C 66 F	Dose-Dense AC (DOXOrubicin/Cyclophosphamide)	1	22.3	(239)	7	0 Y (23M)	130/80 (239)
<input type="checkbox"/>	<b>Novac, Kerri</b> PCP: Santos, Karissa 55 F She/Her/Hers	Dose-Dense AC (DOXOrubicin/Cyclophosphamide)	0	22.8	(288)	3	1 Y (288)	110/80 (288)
<input checked="" type="checkbox"/>	<b>O'Malley, Craig</b> PCP: <none> 87 M	mFOLFOX-6	1	31.3	(1)	0	0	
<input type="checkbox"/>	<b>Marden, Andrew</b> PCP: Newman, C 62 M He/Him/His	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	2	30.3	(239)	5	0	130/90 (256)
<input type="checkbox"/>	<b>Cronin, Wendy</b> PCP: Quinn, Colleen 69 F	NCCN-AC	0	23.4	(5y+)	0	0	
<input type="checkbox"/>	<b>Burns, Sally</b> PCP: <none> 73 F	NCCN-AC	0	26.7	(5y+)	0	0	112/68 (5y+)
<input type="checkbox"/>	<b>Brown, Rebecca</b> PCP: <none> 67 F	NCCN-AC	0	26.7	(5y+)	0	0	
<input type="checkbox"/>	<b>James, Oliver</b> PCP: <none> 73 M	NCCN-AC	0	24.6	(46M)	0	0	
<input type="checkbox"/>	<b>Modine, Terie</b> PCP: <none> 71 F	VDC-Pediatric (Vin, Doxo, Cyclo)	0	18.8	(93)	2	2	108/85 (41M)

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

  
**O'Malley, Craig**  
 87, M · 03/21/1935  
 MRN# None  
 Resus Status Not Addressed  
 No Hx Avail

[Oncology Treatment Summary](#)  
 ONC DIAGNOSIS  
 Malignant neoplasm of left lung stage 4  
 STAGING  
 P: pT4 pN3 pM1b Stage Group: IVA  
 CLINICAL INDICATION  
 Metastatic  
 CYCLE NUMBER                      LAST ADMIN  
 CYCLE DAY                              NEXT ADMIN  
 TREATMENT PLAN  
 mFOLFOX-6  
 No Active Chemotherapy

[Personal Notes](#)  
 No Data to Display

[Last Assessment and Plan](#)  
 No Data to Display

[Visits](#)  
 > Future  
 < Past                                      One Year

DATE	LOCATION/ PROVIDER	PROBLEM

[My Widget](#)  
 No Data to Display

[Questionnaires](#)                      Last Activity  
 No Data to Display

[Patient Widget](#)  
 No Data to Display

[Documents](#)                              Most Recent  
 No Data to Display

[Current Registries](#)  
 REGISTRIES  
 Senior Immunizations >60  
 Indication: Metastatic (all)  
 Active Treatment Plans  
 AUTOMATED WORKLISTS  
 No Automated Worklists to Display  
 MANUAL WORKLISTS  
[Show All](#)

[Lab Results Last Value](#)                      Most Recent  
 No Data to Display

[Cardiovascular Risk](#)

Search Chart

[Special Indicators](#)  
 No Data to Display

[Allergies](#)  
 No Known Drug Allergies

[Problems](#)  
 Malignant neoplasm of left lung stage 4  
 Onset: ~03/2022  
 HCC 1.027

[Immunizations](#)

PROJECTED	ELIGIBLE DATE
PCV13	03/21/00
PPSV	03/21/00
PPSV	03/21/00

[Home Meds](#)  
[Prescription Monitoring Program](#)



### Active Treatment Plans

Filter Hide/Show Actions

Find Patient in Registry

**Filter Criteria** <No Filter> Cancel Save Options Filter

Current List Full Registry

▼ Filter Criteria

Data Items

Data Item	Value	Show Empty Cells	Blank Cells Only
✕ BMI	25.0 to 50.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
✕ Recent Oncology Treatment Plan	+ - All Values Selected	<input type="checkbox"/>	<input type="checkbox"/>

- 0 of 216 Selected
- ✓
- ① Nelson, PCP: Santos 56 F
- ① Conlon, PCP: Martin 67 M
- ① Chapman, PCP: Santos 57 F
- ① Langon, PCP: Belang 9 F
- ① Hulit, S PCP: Courne 9 F
- ① James, PCP: <none> 63 F
- ① Mello, G PCP: Santos 72 M
- ① Forbes, PCP: <none> 58 M
- ① Jones, B PCP: <none> 67 M
- ① Archer, PCP: Pizzi, R 70 M
- ① Lock, M PCP: Symes 69 M
- ① Bell, R PCP: Manzel 63 M
- ① Tucker, PCP: Boulais, Ashley 74 M

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(30M)
(39M)
(5y+)
(5y+)
(33M)
(5y+)
(5y+)
(5y+)
(5y+)
(5y+)
(5y+)

Active Treatment Plans Filter Hide/Show Actions

0 of 55 Selected, 0 Suppressed ↻ Last Refreshed: 05/13/22 12:01 Page 1 of 3

<input checked="" type="checkbox"/>	Patient	Recent Oncology Treatment Plan	Chronic Conditions	BMI	# of Meds	# of Rx Meds	Med Rec	SBP / DBP
<input type="checkbox"/>	<b>Conlon, Reggie</b> PCP: Martin, Steve P 67 M	AC-Taxol w/Xeloda	1	27.2	(1)	0	0	
<input type="checkbox"/>	<b>O'Malley, Craig</b> PCP: <none> 87 M	mFOLFOX-6	1	31.3	(1)	0	0	
<input type="checkbox"/>	<b>Whipple, Nathan</b> PCP: Fanning, Patrick 68 M He/Him/His	Docetaxel	0	25.1	(172)	3	1	120/62 (171)
<input type="checkbox"/>	<b>Marden, Andrew</b> PCP: Newman, C 62 M He/Him/His	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	2	30.3	(239)	5	0	130/90 (256)
<input type="checkbox"/>	<b>Wagner, Jeffrey</b> PCP: Santos, Karissa 68 M	Docetaxel	0	25.1	(14M)	1	0	
<input type="checkbox"/>	<b>Cowan, Glenn</b> PCP: Manzelli, Peter 58 M He/Him/His	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	1	25.1	(15M)	3	1	Y (17M) 115/75 (53M)
<input type="checkbox"/>	<b>Stone, Fred</b> PCP: <none> 51 M IP00007716	Hemodialysis	1	26.9	(20M)	0	0	
<input type="checkbox"/>	<b>Henderson, Frank</b> PCP: Symes, Daniel 51 M	Hemodialysis	1	27.0	(20M)	0	0	
<input type="checkbox"/>	<b>Long, Debbie</b> PCP: Skelton, Elaine 31 F	AC-Taxol	0	25.2	(22M)	6	2	145/89 (31M)
<input type="checkbox"/>	<b>Jones, Courtney</b> PCP: Noe, Alexandra 72 F	Dose-Dense AC (DOXOrubicin/Cyclophosphamide) the	2	31.1	(26M)	2	0	130/80 (26M)
<input type="checkbox"/>	<b>Chick, Jeffrey D</b> PCP: <none> 62 M	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	0	30.1	(29M)	1	0	132/80 (29M)
<input type="checkbox"/>	<b>Chobokoane, Miriam</b> PCP: <none> 58 F	AC-Taxol	1	31.9	(31M)	0	0	
<input type="checkbox"/>	<b>Mello, George</b> PCP: Santos, Karissa 72 M	Carboplatin/Paclitaxel	2	27.9	(33M)	7	3	Y (5y+) 125/70 (33M)

# Stopped Treatment Plans

Filter Hide/Show Actions

Find Patient in Registry

1 of 34 Selected, 0 Suppressed

Last Refreshed: 05/13/22 12:18

Page 1 of 2

Patient	Regimen	Chronic	# of	# of Rx	Med Rec	SBP / DBP	
73 F She/Her/Hers IP00002707							
<input type="checkbox"/> <b>O'Brien, Kaity</b> PCP: Martins, Isaac 40 F						120/78 (241)	
<input type="checkbox"/> <b>Fitzgerald, Stacey</b> PCP: Moylan, Erin 71 F						114/77 (5y+)	
<input type="checkbox"/> <b>Cis, Beth</b> PCP: Noe, Alexandra 69 F							
<input type="checkbox"/> <b>Tucker, Matthew</b> PCP: Boulais, Ashley 74 M						110/65 (5y+)	
<input type="checkbox"/> <b>Adler, Lisa</b> PCP: Chammas, Kate 70 F					Y (25M)	110/80 (25M)	
<input type="checkbox"/> <b>Pierce, Francis</b> PCP: Moylan, Erin 76 M							
<input type="checkbox"/> <b>Brady, Michael</b> PCP: Joyal, Karen 64 M							
<input checked="" type="checkbox"/> <b>Payne, Joshua M</b> PCP: Noe, Alexandra 62 M						116/60 (171)	
<input type="checkbox"/> <b>Medlin, Bruce</b> PCP: Belanger, Marc 51 M He/Him/His					Y (15M)	110/80 (121)	
<input type="checkbox"/> <b>Howard, Megan B</b> PCP: Martins, Isaac 49 F						90/60 (46M)	
<input type="checkbox"/> <b>Talley, Michael</b> PCP: Belanger, Marc 74 M He/Him/His					Y (17)	117/74 (17)	
<input type="checkbox"/> <b>Ford, Geoffrey</b> PCP: Moylan, Erin 71 M	Docetaxel		0	21.4 (5y+)	0	0	112/68 (5y+)
<input type="checkbox"/> <b>Van Buren, Timothy</b> PCP: Santos, Karissa 72 M							

### Oncology Treatment Plans

Payne, Joshua M 62 M 03/21/1960 Allergy/Adv: venom-honey bee, Externa... (More ▾)

Start 02/14/2018 Stopped

CISplatin/VINOrelbine  
Start 12/13/2017 Stopped

CISplatin/VINOrelbine  
Start 08/15/2017 Stopped

ONC Diagnosis	Stopped Date
Lung cancer	12/12/2017
Staging	Reason for Stopping
Clinical Indication	Clinical Decision
Chemotherapy	
vinorelbine (Navelbine)	
CISplatin (Platinol)	

CISplatin/VINOrelbine  
Start 06/06/2017 Stopped

CISplatin/VINOrelbine  
Start 04/27/2017 Stopped

ONC Diagnosis: Lung cancer  
Stopped Date: 12/12/2017  
Staging: Reason for Stopping: Clinical Decision  
Chemotherapy: vinorelbine (Navelbine), CISplatin (Platinol)

Patient	Chronic	# of	# of Rx	Med Rec	SBP / DBP	
<input type="checkbox"/> <b>Nelson, Brittany</b> PCP: Santos, Karissa 56 F					110/72 (30M)	
<input type="checkbox"/> <b>Conlon, Reggie</b> PCP: Martin, Steve P 67 M						
<input type="checkbox"/> <b>Chapman, Olivia</b> PCP: Santos, Karissa 57 F					120/75 (39M)	
<input type="checkbox"/> <b>Langone, Angel</b> PCP: Belanger, Marc 9 F						
<input type="checkbox"/> <b>Hulit, Shelly</b> PCP: Cournoyer, Joanne 9 F					90/60 (5y+)	
<input type="checkbox"/> <b>James, Jillian</b> PCP: <none> 63 F	BEF					
<input type="checkbox"/> <b>Mello, George</b> PCP: Santos, Karissa 72 M				Y (5y+)	125/70 (33M)	
<input checked="" type="checkbox"/> <b>Forbes, Domingo</b> PCP: <none> 58 M					130/74 (5y+)	
<input type="checkbox"/> <b>Jones, Bob</b> PCP: <none> 67 M						
<input type="checkbox"/> <b>Archer, Michael</b> PCP: Pizzi, Robin 70 M					120/70 (5y+)	
<input type="checkbox"/> <b>Lock, Michael</b> PCP: Symes, Daniel 69 M					115/76 (5y+)	
<input type="checkbox"/> <b>Bell, Russell</b> PCP: Manzelli, Peter 63 M	CISplatin/VINOrelbine	0	24.4 (5y+)	0	0	122/85 (5y+)
<input type="checkbox"/> <b>Tucker, Matthew</b> PCP: Boulais, Ashley 74 M	CISplatin/VINOrelbine	2	26.4 (5y+)	4	0	110/65 (5y+)

### Oncology Treatment Plans

Forbes, Domingo 58 M 11/26/1963 Allergy/Adv: shellfish derived Close

**Carboplatin/Paclitaxel**

Start  
Active

*ONC Diagnosis*  
Malignant neoplasm of urinary bladder

*Staging*  
P: T3a N1 M0 Stage Group: IV

*Clinical Indication*  
Metastatic

*Chemotherapy*  
No Chemotherapy



### Active Treatment Plans

Filter Hide/Show Actions Find Patient in Registry

55 of 55 Selected, 0 Suppressed

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**Manual Worklist Options**

- Compose Message
- Send Letter
- Questionnaires
- Create Pending Appt
- Print Registry
- Download Registry
- Remote Monitoring
- View History
- Chronic Care Management
- Scheduling Grid

✓	Patient	Recent Oncology Treatment Plan			# of Meds	# of Rx Meds	Med Rec		SBP / DBP	
✓	<b>Conlon, Reggie</b> PCP: Martin, Steve P 67 M	AC-Taxol w/Xeloda			0	0				
✓	<b>O'Malley, Craig</b> PCP: <none> 87 M	mFOLFOX-6			0	0				
✓	<b>Whipple, Nathan</b> PCP: Fanning, Patrick 68 M He/Him/His	Docetaxel			3	1			120/62 (171)	
✓	<b>Marden, Andrew</b> PCP: Newman, C 62 M He/Him/His	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D			5	0			<b>130/90</b> (256)	
✓	<b>Wagner, Jeffrey</b> PCP: Santos, Karissa 68 M	Docetaxel			1	0				
✓	<b>Cowan, Glenn</b> PCP: Manzelli, Peter 58 M He/Him/His	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	1	<b>25.1</b> (15M)	3	1	Y (17M)		115/75 (53M)	
✓	<b>Stone, Fred</b> PCP: <none> 51 M IP00007716	Hemodialysis	1	<b>26.9</b> (20M)	0	0				
✓	<b>Henderson, Frank</b> PCP: Symes, Daniel 51 M	Hemodialysis	1	<b>27.0</b> (20M)	0	0				
✓	<b>Long, Debbie</b> PCP: Skelton, Elaine 31 F	AC-Taxol	0	<b>25.2</b> (22M)	<b>6</b>	2			<b>145/89</b> (31M)	
✓	<b>Jones, Courtney</b> PCP: Noe, Alexandra 72 F	Dose-Dense AC (DOXOrubicin/Cyclophosphamide) the	2	<b>31.1</b> (26M)	2	0			<b>130/80</b> (26M)	
✓	<b>Chick, Jeffrey D</b> PCP: <none> 62 M	mFOLFOX7 (Fluorouracil Cont. Infusion/Leucovorin/OXALIplatin) Q14D	0	<b>30.1</b> (29M)	1	0			<b>132/80</b> (29M)	
✓	<b>Chobokoane, Miriam</b> PCP: <none> 58 F	AC-Taxol	1	<b>31.9</b> (31M)	0	0				
✓	<b>Mello, George</b> PCP: Santos, Karissa 72 M	Carboplatin/Paclitaxel	2	<b>27.9</b> (33M)	<b>7</b>	3	Y (5y+)		<b>125/70</b> (33M)	

## Questionnaires Cancel Send

ONE-TIME RECURRING MODIFY DELETE

Criteria

\*Due Date on Portal 05/27/22 \*Days to Track 30

\*Questionnaires Add

X Cancer Distress Questionnaire

Patients

Patient	Create NVA	Select Visit	Visit Date	Reason For Visit
<input checked="" type="checkbox"/> Archer,Null	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Fanning,Paul	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Gillikin,Aaron	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Holt,David	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Kennedy,Rebecca	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Mello,George	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Reign,Lawrence	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Tremblay,Sarah B	<input checked="" type="radio"/>	<input type="radio"/>		Care Management
<input checked="" type="checkbox"/> Whipple,Nathan	<input checked="" type="radio"/>	<input type="radio"/>		Care Management

Patients not enrolled in patient portal, questionnaires will not be sent.

Acton,Shannon  
Adler,McKenzie  
Archer,Adam  
Archer,Frank

- 55 of 55 Select
- Conlon, PCP: Martin, 67 M
- O'Malle, PCP: <none>, 87 M
- Whipple, PCP: Fanning, 68 M He/H
- Marden, PCP: Newm, 62 M He/H
- Wagner, PCP: Santos, 68 M
- Cowan, PCP: Manzel, 58 M He/H
- Stone, PCP: <none>, 51 M IP000
- Hender, PCP: Symes, 51 M
- Long, PCP: Skelton, 31 F
- Jones, PCP: Noe, Al, 72 F
- Chick, PCP: <none>, 62 M
- Chobok, PCP: <none>, 58 F
- Mello, PCP: Santos, Karissa, 72 M

- Page 1 of 3
- (171)
- (256)
- (53M)
- (31M)
- (26M)
- (29M)
- Carboplatin/Paclitaxel 2 27.9 (33M) 7 3 Y (5y+) 125/70 (33M)

# Stage IV Lung

Filter Hide/Show Actions

0 of 7 Selected, 0 Suppressed Last Refreshed: 05/13/22 12:16 Page 1 of 1

<input checked="" type="checkbox"/>	Patient	Chronic Conditions	BMI	# of Meds	# of Rx Meds	Med Rec	SBP / DBP	Flu Vaccine Last Dose Status	PPSV Stat
<input type="checkbox"/>	<b>Cronin, Wendy</b> PCP: Quinn, Colleen 69 F	0	23.4 (5y+)	0	0				
<input type="checkbox"/>	<b>Tremblay, Sarah B</b> PCP: Benson, Kirk 78 F	5	28.4 (5y+)	7	7		110/65 (5y+)		
<input type="checkbox"/>	<b>Drew, Amy</b> PCP: <none> 69 F	1	21.3 (58M)	3	0				
<input type="checkbox"/>	<b>Medlin, Bruce</b> PCP: Belanger, Marc 51 M He/Him/His	0	24.4 (121)	4	2	Y (15M)	110/80 (121)		
<input type="checkbox"/>	<b>Shafer, Shane</b> PCP: Fanning, Patrick 76 M	1	24.4 (5y+)	0	0				
<input type="checkbox"/>	<b>Banderson, Miguel T</b> PCP: <none> 78 M	2	31.0 (33M)	1	0		120/81 (33M)		
<input type="checkbox"/>	<b>Backoff, Fred</b> PCP: Burgess, Adam 62 M	1	24.3 (0)	0	0		115/72 (0)		

# Stopped Treatment Plans

Filter Hide/Show Actions

1 of 34 Selected, 0 Suppressed

Last Refreshed: 05/13/22 12:18

Page 1 of 2

Patient	Reg	Chronic	# of	# of Rx	Med Rec	SBP / DBP
73 F She/Her/Hers IP00002707						
<b>O'Brien, Kaity</b> PCP: Martins, Isaac 40 F						120/78 (241)
<b>Fitzgerald, Stacey</b> PCP: Moylan, Erin 71 F						114/77 (5y+)
<b>Cis, Beth</b> PCP: Noe, Alexandra 69 F						
<b>Tucker, Matthew</b> PCP: Boulais, Ashley 74 M						110/65 (5y+)
<b>Adler, Lisa</b> PCP: Chammas, Kate 70 F					Y (25M)	110/80 (25M)
<b>Pierce, Francis</b> PCP: Moylan, Erin 76 M						
<b>Brady, Michael</b> PCP: Joyal, Karen 64 M						
<b>Payne, Joshua M</b> PCP: Noe, Alexandra 62 M						116/60 (171)
<b>Medlin, Bruce</b> PCP: Belanger, Marc 51 M He/Him/His					Y (15M)	110/80 (121)
<b>Howard, Megan B</b> PCP: Martins, Isaac 49 F						90/60 (46M)
<b>Talley, Michael</b> PCP: Belanger, Marc 74 M He/Him/His					Y (17)	117/74 (17)
<b>Ford, Geoffrey</b> PCP: Moylan, Erin 71 M						112/68 (5y+)
<b>Van Buren, Timothy</b> PCP: Santos, Karissa 72 M						

## Oncology Treatment Plans

Payne, Joshua M 62 M 03/21/1960 Allergy/Adv: venom-honey bee, Externa... (More ▾)

- Start 02/14/2018 Stopped
- CISplatin/VINOrelbine
  - Start 12/13/2017 Stopped
- CISplatin/VINOrelbine
  - Start 08/15/2017 Stopped

ONC Diagnosis	Stopped Date
Lung cancer	12/12/2017
Staging	Reason for Stopping
Clinical Indication	Clinical Decision
Chemotherapy	
vinorelbine (Navelbine)	
CISplatin (Platinol)	

- CISplatin/VINOrelbine
  - Start 06/06/2017 Stopped
- CISplatin/VINOrelbine
  - Start 04/27/2017 Stopped

ONC Diagnosis	Stopped Date
Lung cancer	12/12/2017
Staging	Reason for Stopping
Clinical Indication	Clinical Decision
Chemotherapy	
vinorelbine (Navelbine)	
CISplatin (Platinol)	





# Downtime Reports

*Christopher Dinan, Senior Specialist*

- Oncology Downtime
  - Integrated Care
    - [Community Wide Scheduling](#)
    - [Registration](#)
    - [Pharmacy](#)
    - [Patient Care System](#)
    - [Order Management](#)
    - [Ambulatory](#)





- Existing Downtime Reports
  - Orders
  - Appointments
- Concerns
  - Midnight Run
  - Required ANP Client
    - File Server or Background Job Client
  - .EXE Zip
  - Limited Information

# Existing Orders Report

- Limited Order Details
- No Dosing Calculations
- Page Break Per Patient

Atlantic Cancer Center		Treatment Plan Orders Downtime Report		Page: 2 of 2
		05/30/2022		Date: 05/24/2022 11:58
				User: Mt, Meditech
<b>Heine, Sansa</b>				Med Rec Num MRO0036967
33 F	04/06/1989	5ft 4in	109lb	BSA:1.51m <sup>2</sup>
		CLINICAL TRIAL PARTICIPANT		EMR Num D111134907
<b>Appointments</b>				
<b>Time</b>	<b>Type</b>	<b>Account</b>		
06:00	Chemo 2 Hr	MG0000074701		
Dextrose Hydration				
Dextrose 10 % in Water [Dextrose 10%-Water IV Solution] 250 mls				
infuse over 30 min IV ONCE				
with mannitol 20 mg				
ONC				
Ondansetron HCl/Pf [Ondansetron HCl 4 mg/2 ml Syr]				
4 mg IJ ONCE				
ONC Sequence 3				
diazepam				
2 mg PO PRECHEM				
ONC Sequence 5				
DOCEtaxel (Taxotere) 150 mg (100 mg/m <sup>2</sup> )				
in 0.9 % Sodium Chloride [Sodium Chloride] 745 ml (500 ml/m <sup>2</sup> )				
infuse over 45 min IV ONCE1				
ONC Sequence 8				
Post hydration				
0.9 % Sodium Chloride [Sodium Chloride] 895 ml (600 ml/m <sup>2</sup> )				
at 1,000 ml/hr IVPB ONCE1				
ONC Sequence 12				
lorazepam [Ativan]				
Moore, Kelly				
ONC				
Complete Blood Count Man Dif [HEME] Routine				
ONC				



# Existing Appointments Report

- No Treatment Plan Name

Atlantic Cancer Center		Appointments Downtime Report 04/12/2022		Page: 2 of 4 Date: 05/24/2022 12:01 User: Mt,Meditech
Time	Patient Appointment	Account Number Patient Comments	Medical Record Number Diagnoses	
<b>06:00</b>				-
	<b>Moon,Rose</b> 13 F 08/08/2008 Chemo 2 Hr Dr Moore Oncology Chemo	MG0000072119	MR00035940	- Leukemia, acute lymphoid
	<b>PRATT,PATRICIA</b> 61 F 07/14/1960 Chemo 3 hr  Oncology Chemo	MG0000072444	MR00036498	- Lung cancer
	<b>Parker,Emilia</b> 22 F 05/06/2000 Chemo 2 Hr Dr Moore Oncology Chemo	MG0000072976	MR00036735	- Leukemia, acute lymphoid Malignant neoplasm of breast
	<b>Shea,Harley</b> 21 F 06/07/2000 Chemo 2 Hr Dr Moore Oncology Treatment	MG0000072218	MR00035982	- Leukemia, acute
	<b>Vetian,Oscar</b> 16 M 06/09/2005 Chemo 2 Hr Dr Moore Oncology Chemo	MG0000071824	MR00035818	- Leukemia, acute lymphoid Malignant neoplasm of lung
<b>07:30</b>				-
	<b>Vanderbeek,Melon</b> 83 F 08/08/1938 Oncology New Patient Dr. Van Vugt KHAMNES	MG0000073199	NR00036842	- Malignant neoplasm of ovary



# Reports

- Standardization
- Report Designer
- M-AT Report Scheduler
- No ANP Requirements
- Multiple Print Options
  - On demand
  - Virtual Printer
  - Preview

- The Existing Appointments Report was enhanced for readability.

- The Orders Report now leverages the Standard Oncology Print Order Sheet



# Appointments Report

- Readability
  - Bold
  - Background Contrast
- Treatment Plan Name

Appointments Downtime Report				Page: 1 of 1
				Date: 05/24/22 11:39
				User: Mt,Meditech
Date	Time	Account Number	Medical Record Number	
Patient	Appointment	Patient Comments	Diagnoses	
Treatment Plan				
05/24/22	09:00			
Ambtest,Julie		M00000000747	B000000003	
52 F 01/13/1970				
Adult Office Visit				
Whiting, Aaron, MD				
05/24/22	09:30			
Ambtest,Michael j		M00000000748	B000000007	
30 M 07/28/1991				
Adult Office Visit				
Whiting, Aaron, MD				
05/24/22	15:00			
Dinan,Chris MT		V00000000646	B000000240	
33 M 01/01/1989				
Infusion 120 min			Melanoma	
			Anemia	
ITC Room 4				
Iron Sucrose				

# Existing Downtime Reports

- No changes
- Please keep in place
- May be retired later



# Development corner

*Michelle Nabors, Senior Supervisor, Development*





# Oncology Development Roadmap

## Complete

- Height/Weight Across ONC Accounts **(new)**
- **PoC w/ ONC (new)**
- Launch to Sched Grid from ONC
- Pharmacy / Oncology integration improvements
- Weight Method per Drug
- Apply Edits to Future Draft Cycles

## In Process

- Genomics Integration and Decision Support
- Inpatient Chemo Administration improvements
- Staging integration with PTH/mTuitive
- More Flexibility to Transition Orders **(new)**

## Upcoming

- eClaims interface in Ontario
- e-Prescribing for AMB meds in Treatment Plan **(new)**
- Accommodate edits to AMB meds outside of oncology **(new)**
- Accommodate problem status changes for treatment plans **(new)**

## Determining

- Early Adopter Feedback
- Standard Content for Survivorship Surveillance
- Radiation Oncologist Workflow integration
- Improving Oral Chemo
- Oncology Data Integration with BCA
- Oncology ordering in web with ambulatory integration **(new)**



# Oncology Integration with Point of Care

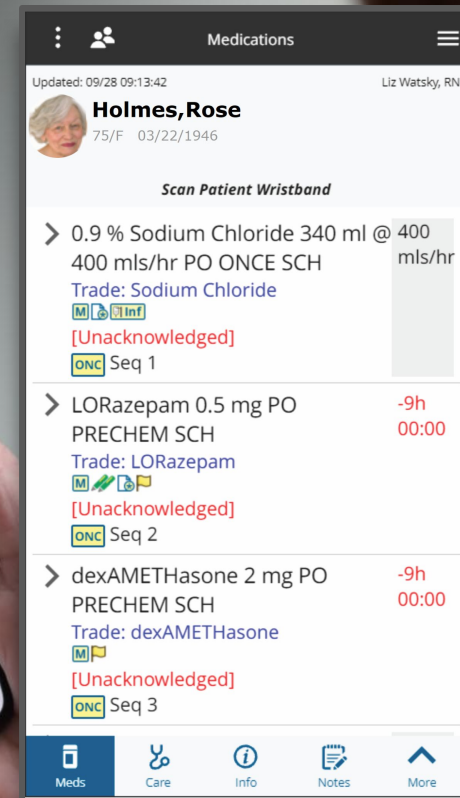
*Libby Leach, Software Designer*



# Mobility that Works for You

## NURSES, PARK YOUR WOWS

- Choose the right device for the job
- Increase nurse satisfaction and morale
- Improve efficiency and get more time back in your day
- Improve patient experience
- Receive instant notifications
- Safely scan barcodes
- Unclutter with icon-based design



# Research

- Size of infusion center
- Number of patients seen daily
- Staffing
- Separate rooms vs single area
- Carts in rooms vs no carts
- Treatment complexity

👤
☰

## Patient Info

Updated: 05/25 08:55:26

Emulating user: Margaret Moore, RN

### MAGOUN, MICHAEL

16/M 02/15/2006

Allergy/Adv: On File

i

▼ Allergy/Adverse Reaction

Last Updated: 05/24/2022 16:07 ELEACH  
[tree nuts]                      Anaphylaxis

▼ Vital Signs

Last Vitals		05/25/2022 07:52	
BP	95/80	Tmax	98.4 F
Pulse	72	O2 Sat	
Resp	19	Flow Rate	
Temp	98.4 F	FI02 Ratio	
Delivery			

> Query/Additional

> Administrative

> Care Provider

i  
Info

📖  
Meds

👤  
Care

📄  
Orders

⤴  
More



Medications

Updated: 05/25 08:55:26

Emulating user: Margaret Moore, RN

**MAGOUN, MICHAEL**

16/M 02/15/2006  
Allergy/Adv: On File

> Palonosetron HCl 0.25 mg IV ONCE SCH  
Trade: Aloxi  
[Unacknowledged]  
ONC Seq 2

> Mercaptopurine 25 mg PO ONCE1 SCH  
Trade: Mercaptopurine  
[Unacknowledged]  
ONC Seq 3

> Vincristine Sulfate 2 999 mls/h

Info Meds Care Orders More

Medications

Updated: 05/25 08:55:26

Emulating user: Margaret Moore, RN

**MAGOUN, MICHAEL**

16/M 02/15/2006  
Allergy/Adv: On File

@ 300 mls/hr IV ONCE SCH  
Trade: CARBOplatin Dextrose 10%-Water IV Solution  
[Unacknowledged]  
ONC

> LORazepam 1 mg PO ONCE SCH  
Trade: Ativan  
[Unacknowledged]  
ONC

> PACLitaxeL 300 mg In 83.33

Info Meds Care Orders More

Medications

Updated: 05/25 11:34:17


Emulating user: Margaret Moore, RN

**MAGOUN, MICHAEL**

16/M 02/15/2006  
Allergy/Adv: On File

> Normal Saline @ 120 mls/hr IV 120  
AS DIRECTED SCH mls/hr

**Warning**

 You are documenting a medication out of sequence.

Continue?

Yes No

phosphate  
M LC  
[Unacknowledged]  
ONC Seq 2

> Ondansetron HCl/Pf 4 mg IJ  
ONCE1 SCH  
Trade: Ondansetron HCl 4 mg/2 ml

Info Meds Care Orders More

# Development Corner Contacts

- Genomics and Oncology
  - Designer: Heidi Sokoloski - [hsokoloski@meditech.com](mailto:hsokoloski@meditech.com)
- Oral Chemo
  - Sr Supervisor - Michelle Nabors - [mnabors@meditech.com](mailto:mnabors@meditech.com)
- Oncology ordering in web
  - Sr Supervisor - Michelle Nabors - [mnabors@meditech.com](mailto:mnabors@meditech.com)
- Oncology Integration with Point of Care
  - Designer: Libby Leach - [eleach@meditech.com](mailto:eleach@meditech.com)

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General Oncology Development and Strategy contacts:

Nate Mettille  
Manager Development, Oncology  
[nmettille@meditech.com](mailto:nmettille@meditech.com)

Michelle Nabors  
Sr. Supervisor Development, Oncology  
[mnabors@meditech.com](mailto:mnabors@meditech.com)


Scott Godbout  
Product Manager - Oncology  
[sgodbout@meditech.com](mailto:sgodbout@meditech.com)



# 2022 Clinical Symposium Sneak Peek

*Ryan Palli, Oncology Analyst*





# The Evolution of the Complete Outpatient Solution

## Expanse ONCOLOGY



### Sharing Integrated Data

Discuss how documentation is shared between inpatient and outpatient environments



### Continuum of Care

Learn how infusion visit workflows within Expanse Patient Care allows for a more consistent user experience.



### Staging and Survivorship

Explore the intuitive web-based workflows that help improve collaboration and communication.



# Other Educational Sessions

## Ambulatory Tips & Tricks

Hear from Berkshire Health Systems CMIO Mark Snowise as he shares key functionality features within the MEDITECH Ambulatory solution and how those features have supported provider workflows and increased efficiency around the organization.

## Patient Registries

Learn how you can leverage this routine for everything from notifying patients of upcoming exams to ensuring your organization is on track with Clinical Quality Measures to maximize reimbursement.

## Care Compass

Explore the Expanse Care Compass Home Screen and discover how it promotes care manager efficiency, giving your staff the time to meaningfully engage with their patients.



# Registration Info

- [Click Here to Register](#)
- [Virtual Event](#)
- Wednesday, June 15 from  
11 a.m. - 4 p.m. EDT
- Thursday, June 16 from  
11 a.m. - 4 p.m. EDT
- [View recordings from the 2021  
forum](#)







# QUESTIONS?

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Next ONCAC meeting September 8th, 2022

**MEDITECH**

# Oncology Resources

- [Oncology Advisory Committee \(ONCAC\) Webpage](#)
- [MEDITECH On Demand](#)
- [Oncology Featured Knowledge Base Articles](#)
- [Product Resource Pages](#)
  - **All Product Lines available**
- [Expanse End-User Based Roles Resources](#)



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. The elderly person is wearing a grey sweater and holding a wooden cane. The scene is set against a dark, blurred background.

THANK YOU

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MEDITECH