

# The Oncology Collaborative Forum

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May 31, 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
- Matthew Poole
- Sara Lewis
- Tami Morsching, MN
- Joshua Vestal, KY
- Jodi Wieczorek, MN
- David Turberville, NJ
- Mariah Zavery
- John Gath
- Tracy McCauley
- Chris Mitchell, MA

# AGENDA

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Dose Banding

*Megan Irish*

Discussion: What is one major focus in  
your Clinic currently?

*Moderated by: Hannah Schwartz*

Genetics: Key Findings Widget

*Heidi Sokoloski*

Downtime Reports

*Christopher Dinan*

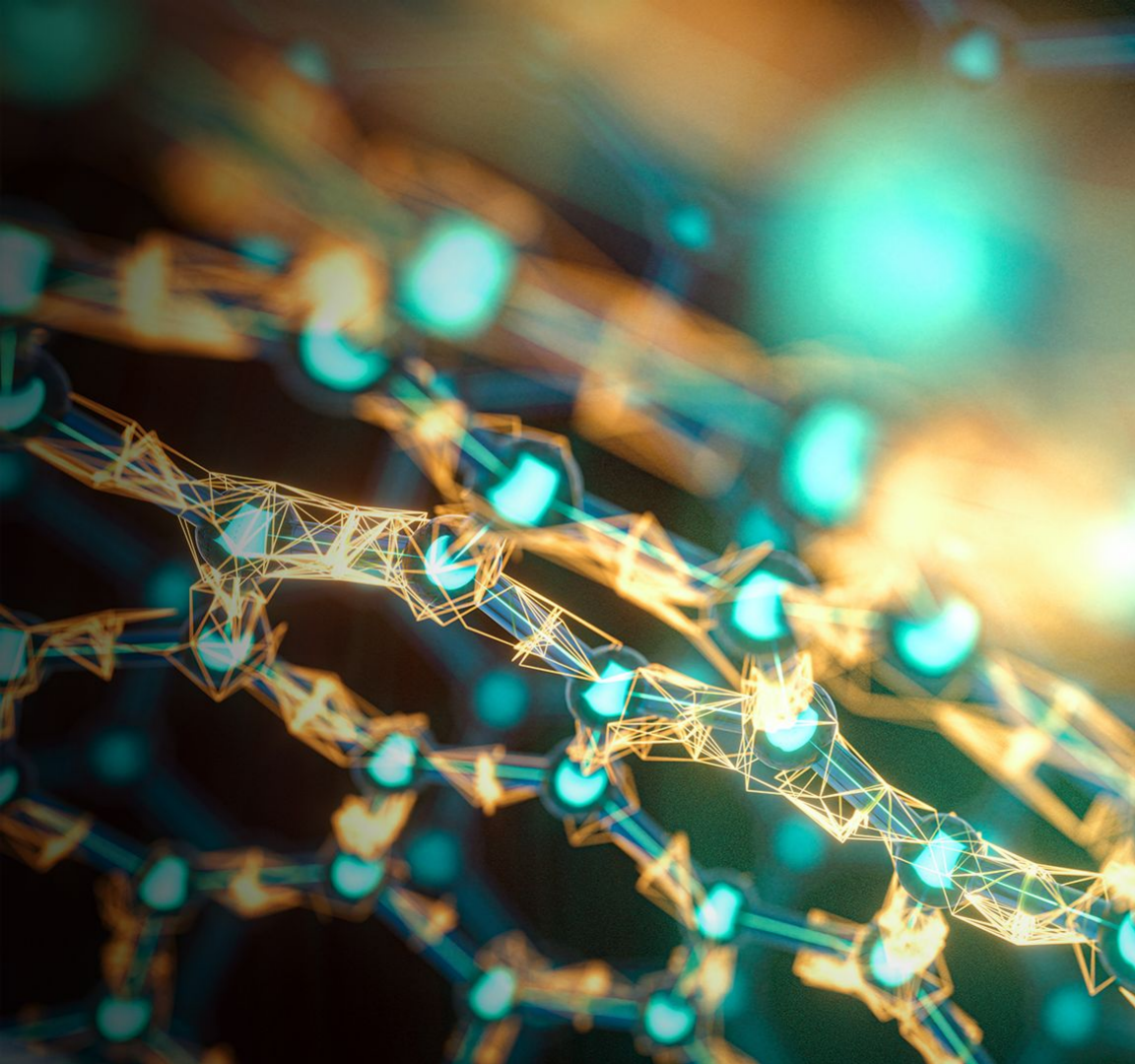
Discussion: Downtime

*Moderated by: Ryan Palli*

Development Corner

*Nate Mettillie*





**Reminder: Bios**

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# Rounding via Banding

Presented by Megan Irish, Senior Specialist





# Rounding: Build Options

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- Options:
  - Treatment Plan Dictionary
  - Drug Product Map dictionary
- These work in conjunction with the Dose Rounding Method field in Oncology Parameters
  - Mathematical
  - **Round Down**
- Rounding defined at the Drug Product Map level will override Rounding defined at the Treatment Plan level

# Dose Rounding Method

Ask First Cycle	Yes
Default Time Frame	Pending Authorization
x Cycle Maximum	12
Dose Rounding Method	Round Down ▼
Default Creatinine Clearance From	Calculate
Creatinine Clearance Value on Repeat	Recalculate
IV Infusion Site Lookup	IV Line Site [IV.SITE]
Edit Final Dose	No
Max Percentage of Full Dose	
Reuse Cycle Number Mid Cycle	Yes



# Rounding: Treatment Plan Dictionary

## Edit ONC Drug Product

### Chemo - GC for 3 Cycles (neoadjuvant)

CISplatin (Platinol) 70 mg/m<sup>2</sup>  
in Sodium Chloride [Sodium Chloride] 250 mls  
infuse over 60 min IV ONCE

Admin Days

1

\* Medication

CISplatin (Platinol)

Regimen Dose

70

Units

mg/m<sup>2</sup>

Maximum Dose (mg)

Dose Edit

Yes  No

Weight Method

Actual Body Weight

BSA Formula

Parameter Value

Round To

1

# Rounding: Banding Tab

Main Product Map Oncology **Banding**

Clinic	Active
Atlantic Cancer Center	Yes

+ X

Type
Calc

From Dose	* Thru Dose	* Dose Units	* Route
0	1,000	MG	IV

From Calc	* Thru Calc	* Action	Dose	* Round To	Frequency
0	1,000	Round		5	

# Treatment Plan Ordering: Banded Dose

## Edit ONC Drug Product

### Chemo Cycle 1 - GC for 3 Cycles (neoadjuvant)

P

Admin Days

CISplatin (Platinol) **140 mg** (70 mg/m<sup>2</sup>)  
in Sodium Chloride 0.9% [0.9 % Sodium Chloride- Bih\*] 100 mls  
infuse over 1 hr IV ONCE

1

#### Standard Regimen

* Regimen Dose		70
* Units		mg/m <sup>2</sup>
Calculated Dose	(mg)	144.2
Banded Dose	(mg)	140
Final Dose	(mg)	140

#### Adjustments

* Percent of Calculated Dose	100
Weight Method	Actual
BSA Formula	Haycock
Dosing BSA	2.06

# Treatment Plan Ordering: Rounded Dose

## Edit ONC Drug Product

### Chemo Cycle 1 - GC for 3 Cycles (neoadjuvant)

P

Admin Days

CISplatin (Platinol) **144 mg** (70 mg/m<sup>2</sup>)  
in Sodium Chloride 0.9% [0.9 % Sodium Chloride- Bih\*] 100 mls  
infuse over 1 hr IV ONCE

1

#### Standard Regimen

* Regimen Dose		70
* Units		mg/m <sup>2</sup>
Calculated Dose	(mg)	144.2
Rounded Dose	(mg)	144
Final Dose	(mg)	144

#### Adjustments

* Percent of Calculated Dose	100
Weight Method	Actual
BSA Formula	Haycock
Dosing BSA	2.06



# Discussion: Current Clinic Focuses

Moderated by Hannah Schwartz, Senior Specialist



# What is One Major Current Focus at Your Clinic?



**Software  
Related**



**Industry  
Related**



**Other**



# Genetics: Key Findings Widget

Presented by Heidi Sokoloski, Lead Software Designer



# Basics with Expanse Genomics



- Dedicated spot in Chart for Genetics
- Genetic Results displayed flat
- Connections with Genetic Labs to integrate with Expanse
- Combine data from all labs for a comprehensive look at the patient



# Genetics Panel within Expanse

**Diagnostics**    Provider Notes    Nurse/Allied Health    Medications

History & Problems    Administrative    Other Clinical    Workload Items

Summary    Activity    Flowsheets    Health Mgmt

↑ Diagnostics Subcategory

Selected Care Settings : All Time : All Subcategories

Laboratory    Imaging    Microbiology    Pathology    Blood Bank Tests    Cardiovascular    Other Speciality

Fullscreen

All

Hematology

Chemistry

Genetics

▼ Genetic Orders

ORDER	RESULT	REPORT	DATE	LINKED SPECIMEN
Tempus 686 Gene Panel	Variant(s) Found		03/11/2023	PTH Surgical Spec. Lung
TumorNext Lynch Screening	Variant(s) Found		12/07/2019	

▼ Patient's Genetic History Manage Key Findings Oncology Therapies/Trials

▼ Germline

GENE/ROI	GENETIC FINDING/GENOTYPE	PHENOTYPE	REPORT	DATE
MSH2	c.943-1G>T			12/07/2019

▼ Somatic

GENE/ROI	GENETIC FINDINGS	REPORT	DATE	ANALYSIS
APOB	p.R219C		03/11/2023	<span>Details</span>
CD22	p.T662N		03/11/2023	<span>Details</span>
CDK6	p.G157R		03/11/2023	<span>Details</span>
FGF10	p.M176I		03/11/2023	<span>Details</span>
FLT1	c.2796+1G>A		03/11/2023	<span>Details</span>
FLT3	p.V962F		03/11/2023	<span>Details</span>
HIST1H1E	p.A176V		03/11/2023	<span>Details</span>
IDO1	p.Q54K		03/11/2023	<span>Details</span>
KMT2D	p.P647fs		03/11/2023	<span>Details</span>
NRG1	p.R611L		03/11/2023	<span>Details</span>

# What problems are we looking to solve with this widget?



**Significant results are lost in long lists**






**The importance of a specific result varies from patient to patient**



**Genetic Results are not near other decision-making information**

# “Genetics: Key Findings” Widget

## Chart Summary

Genetics: Key Findings <span>Most Recent</span>		
Germline		
GENE/ROI	GENETIC FINDING/GENOTYPE	REPORT
MSH2	c.943-1G>T	
Somatic		
GENE/ROI	GENETIC FINDING	REPORT
SETD2	p.R154fs	
TP53	p.R158L p.G245C	

## Reference Region

Lab Results	
Genetics: Key Findings <span>Most Recent</span>	
Germline	
GENE/ROI	GENETIC FINDING/GENOTYPE
MSH2	c.943-1G>T
Somatic	
GENE/ROI	GENETIC FINDING
SETD2	p.R154fs
TP53	p.R158L p.G245C


# Management of the Widget contents can be done in an Overlay

Manage Key Genetic Findings








Segal, Harold 70 M 10/13/1953 Allergy/Adv: No Known Drug Allergies

Cancel Save

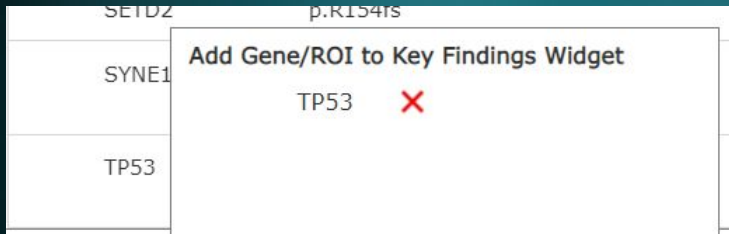
▼ Germline

SHOW IN WIDGET	GENE/ROI	GENETIC FINDING/GENOTYPE	REPORT
<input checked="" type="checkbox"/>	MSH2	c.943-1G>T	

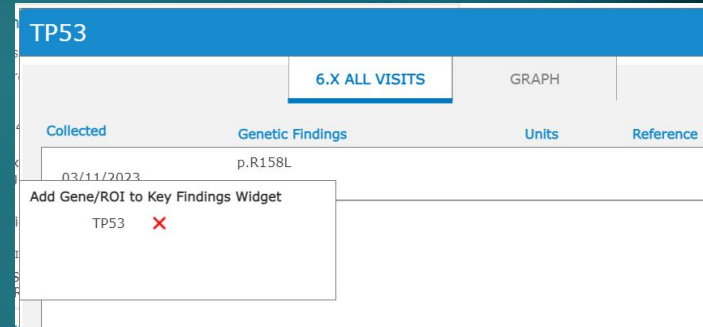
▼ Somatic

SHOW IN WIDGET	GENE/ROI	GENETIC FINDING(S)	REPORT
<input type="checkbox"/>	APOB	p.R219C	
<input type="checkbox"/>	CD22	p.T662N	
<input type="checkbox"/>	CDK6	p.G157R	
<input type="checkbox"/>	FGF10	p.M176I	
<input type="checkbox"/>	FLT1	c.2796+1G>A	
<input type="checkbox"/>	FLT3	p.V962F	
<input type="checkbox"/>	HTST1H1E	c.A176V	

# Right Click can also be utilized to manage widget wherever Genes are flat






**Diagnostics > Laboratory > Genetics > Genetic History**



**Chart Search > Gene History**

# “Genetics: Key Findings” Widget

Genetics: Key Findings			Most Recent
Germline			
GENE/ROI	GENETIC FINDING/GENOTYPE	REPORT	
MSH2	c.943-1G>T		
Somatic			
GENE/ROI	GENETIC FINDING	REPORT	
SETD2	p.R154fs		
TP53	p.R158L p.G245C		

Lab Results	
Genetics: Key Findings	
Most Recent	
Germline	
GENE/ROI	GENETIC FINDING/GENOTYPE
MSH2	c.943-1G>T
Somatic	
GENE/ROI	GENETIC FINDING
SETD2	p.R154fs
TP53	p.R158L p.G245C



QUESTIONS?

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# Poll - In Person Meeting in Massachusetts







# Oncology Related Downtime

Presented by  
Christopher Dinan, Senior Specialist



Oncology Clinics encompass multiple care scenarios and leverage Downtime Reports across the system including:

- Ambulatory (AMB)
- Community-Wide Scheduling (CWS)
- Patient Care Systems (PCS)
- Pharmacy (PHA)

“An ounce of prevention is worth a pound of cure.”  
— Benjamin Franklin



- **Pre Downtime**

- Report Setup
- Scheduling Reports
- Workflow Outlines

- **During Downtime**

- Distribute Reports
- Follow Workflow Outline

- **Post Downtime**

- Medication Administration Reconciliation
- Documentation Reconciliation
- Appointment Rescheduling

# Downtime Reports

- [Ambulatory \(AMB\)](#)
  - AMB Appointment List
  - CWS Daily Appointment Schedule
- [Community-Wide Scheduling \(CWS\)](#)
  - Daily Appointment Schedule
- [Patient Care Systems \(PCS\)](#)
  - eMAR Administration Report
- [Pharmacy \(PHA\)](#)
  - Medication Administration Record (MAR)
  - Print Profiles



# Downtime Resources



[Data Recovery](#)  
[Planning Expanse](#)



[List Of Downtime](#)  
[Reports By Product](#)



[Expanse Oncology](#)  
[Downtime Planning](#)



# Discussion: Downtime

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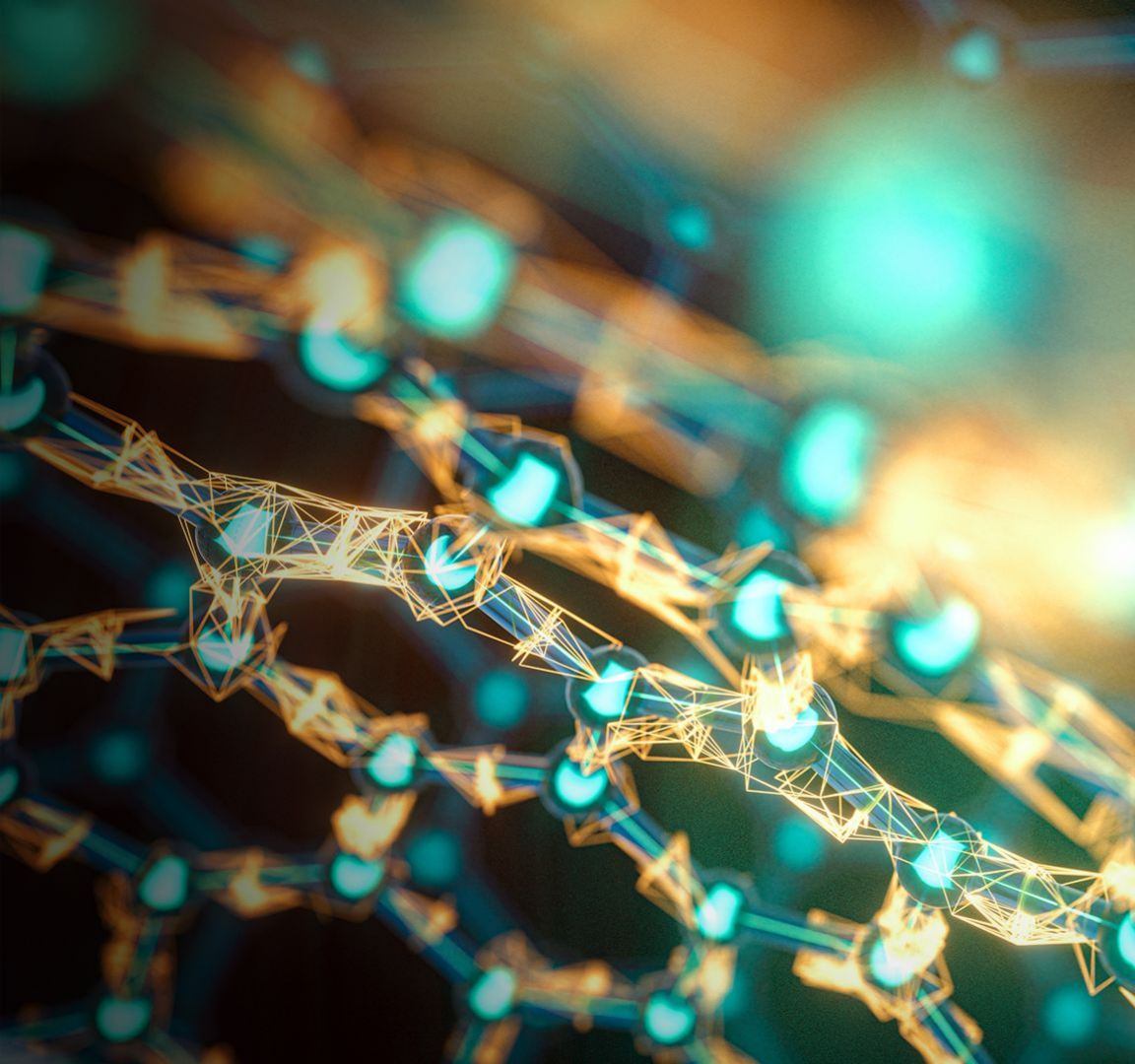
Moderated by Ryan Palli, Analyst

# Downtime Discussion



Downtime scenarios encompass a wide range of situations, but usually fall into the following categories: planned downtime, unplanned downtime, and data recovery. Being prepared for downtime and having a game plan on how to deal with different downtime scenarios is extremely important.

- Downtime Preparedness
  - Pre-Downtime
  - During Downtime
  - Post-Downtime
- Downtime Reports - Delivery Update



# Development Roadmap

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Presented by Nate Mettillie,  
Manager, Development



# Oncology Development Roadmap



## Complete

- AJCC Staging API v2 Updates
- Inpatient Chemo Administration improvements
- Genomics: GenomOncology Integration
  - Suggested Therapies
  - Suggested Clinical Trials
- Oncology Downtime Rpts



## In Progress

- Regimen Ordering Research (Oncology Ordering in Web)
- Genomics: Genetic Result Chart Widget
- Order Sheet Improvements
- Order Indicator on the ONC Status Board



## 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 Phys Doc and Problem List
- mCODE standard
- Clinical Pathway Integration

# 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](mailto:hsokoloski@meditech.com)
- Accommodate Edits to AMB Meds
  - Designer: Libby Leach - [eleach@meditech.com](mailto:eleach@meditech.com)

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QUESTIONS?

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A close-up photograph of 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 environment.

THANK YOU

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