Epic Best Practices & Efficiency Workshop

FMCH Department Retreat Henry Del Rosario

EPIC MASTERY TASK FORCE MEMBERS

- Barre: Nick Hajj, MD
- Benedict: Veronica Farrell, NP
- Fitchburg: Jeannette Ryan Alkasab, MD
- Hahnemann: Megan Brochu, PA-C
- Henry Del Rosario, MD
- Josephine Fowler, MD





Agenda

- Data & Survey Results
- Home for Dinner Program
- Personalization and building workshop / study hall
 - Depression SmartText speed button
 - Billing wizard/calculator
 - Building a FIT result QuickAction

8/28 to 9/24 (28 days)	Barre	Benedict	Fitchburg	Hahnemann	Average or Total
Total Attendings +APPs +Residents	29	11	23	25	88
Patients seen (appointments done)	2115	1149	1672	1631	6567
Total new in basket messages	12882	8809	10522	12568	44781
Results	2007		2068		7678
Rx Auth	2703	1585	1164	2070	7522
Patient Calls	1194	1770	666	1434	5064
CC chart's	617	957	575	1257	3406
MyChart messages	558	786	363	737	2444
In basket messages per appt	6.1	7.7	6.3	7.7	6.9
Results per appt	0.9	1.3	1.2	1.3	1.2
Rx auth per appt	1.3	1.4	0.7	1.3	1.2
Patient calls per appt	0.6	1.5	0.4	0.9	0.8
CC chart's	0.3	0.8	0.3	0.8	0.6
My chart messages per appt	0.3	0.7	0.2	0.5	0.4

Data from four FMCH clinics from 8/28/22 to 9/24/22 (28 days)



Data from four FMCH clinics from 8/28/22 to 9/24/22 (28 days)

Percentage of Time Spent on Epic

Total Time in Notes (hours)	269
Total Time in In Basket (hours)	115
Total Time in Clinical	
Review (hours)	130



Data from four FMCH clinics from 8/28/22 to 9/24/22 (28 days)

Estimate the amount of time you spend on Epic per **day**. <u>Do not</u> count the visit time you spend with patients in a clinic visit. You can include time on Epic spent during "administrative" time.



Sufficiency of time for documentation is:



The amount of time I spend on the EHR at home is:



Time outside scheduled hours per scheduled day (min)



UMass FMCH "Outside scheduled hours" (only attendings; 5/2022)

Time outside scheduled hours per scheduled day (min) definition:

Average number of minutes a provider spent in the system outside of scheduled hours. Scheduled hours are determined using Cadence schedule data and this metric has a thirtyminute buffer before the start of the first appointment and after the end of the last appointment (the thirty-minute buffer will extend no earlier than midnight at the start of the day and no later than midnight at the end of the day). To be included, a provider needs at least 5 appointments scheduled per week within the reporting period. Only available in Provider view.

Numerator: Minutes the provider spent in the system outside of scheduled hours based on Cadence data with a thirty-minute buffer before the first appointment and after the last appointment.

Denominator: Scheduled days where time was spent in the system within the reporting period.

EDITOR'S CHOICE Physician stress and burnout: the impact of health information technology @

Rebekah L Gardner ➡, Emily Cooper, Jacqueline Haskell, Daniel A Harris, Sara Poplau, Philip J Kroth, Mark Linzer

Journal of the American Medical Informatics Association, Volume 26, Issue 2, February 2019, Pages 106–114, https://doi.org/10.1093/jamia/ocy145
Published: 05 December 2018 Article history •

 Survey data from the Rhode Island Department of Health from 2017 acquired from 1,792 physicians with active Rhode Island licenses **70%** of physicians reported **HIT-related stress**, which is defined as reporting at least 1 of the following:

- 1. Having poor/marginal time for documentation
- 2. Spending moderately high/excessive time on the electronic health record (EHR) at home
- 3. Agreement that using an EHR adds to daily frustration



• Moreover, **26%** of all respondents reported one or more symptoms of **burnout**

H IT-related stress is defined as reporting at least 1 of the following:	Odds ratio for burnout:
1. Having poor/marginal time for documentation	2.81
2. Spending moderately high/excessive time on the electronic health record (EHR) at home	1.93
3. Agreement that using an EHR adds to daily frustration	2.44

UMass DFMCH: 84.21% of survey participants have HIT-related stress



UMass Epic Work Groups & Meetings

- Epic Ambulatory Partnership Council
 - Outpatient-focused
 - In basket improvements
 - Optimization requests
- Functional Ambulatory Women's Health Partnership
 - Inpatient obstetrics and postpartum/newborns
- Physician Builder Meetings
 - Focus on building projects
- Provider Superuser Meetings
 - Epic updates, tips, education, training
- FMCH Epic Mastery Task Force

INBASKET WORKGROUP

Predicted Impact:

Message Type	1 Day Volume	Messages older than 30 days	Intervention	Expected Impact	Realized Impact
CC Chart	2312	132253	Disable auto-routing of OP specialty note	~1400/day	~1,400 less messages per day; PCPs down 50% of messages per day (4.4 avg to 1.5 avg)
Note Routing	636	78625	Disable auto-routing of IP Notes (except Discharge Summary)	~600/day	
ED/UC Notifications	391	33230	Expire after 30 days	33k old messages removed	
Outside Events	2155		Expire after 30 days	66k old messages removed	
Outside Messages	400		Expire after 30 days	4k old messages removed	
Cancelled Orders	1341		Disable notification except lab specimen	~500/day	
Overdue Orders	117	42829	Expire after 30 days	42k old messages removed	
Expiring Orders	171	52	Expire after 30 days		

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<u>Appl Clin Inform.</u> 2017 Jul; 8(3): 924–935. Published online 2017 Dec 20. doi: <u>10.4338/ACI-2017-04-0054</u>

Designing An Individualized EHR Learning Plan For Providers

Lindsay A. Stevens, ^{1,2,Correspondence address} Yumi T. DiAngi, ¹ Jonathan D. Schremp, ¹ Monet J. Martorana, ¹ Roberta E. Miller, ¹ Tzielan C. Lee, ^{1,2} and Natalie M. Pageler^{1,2}

Author information Article notes Copyright and License information Disclaimer

- Stanford Children's Health designed a tailored provider efficiency program utilizing adult learning theory
- 561 primary care, obstetric, and subspecialty providers – both faculty practice and community physicians – participated

- Used data to create "core content" or "best practices"
- Created **Individualized Learning Plans (ILP)** to guide Epic learning sessions

Fig. 1



Learning Plan Development Process



"Provider Y was able to cut down on her after hours charting **by two or more hours each night** following her training session."



Daily Hours in System for Provider Y (Monthly Average)

<<)

UMass DFMCH "Home for Dinner" Program

Your FM dept Survey Data

Assessment of Epic baseline knowledge and well-being

+



Your Signal Data

Pajama time, time in In Basket, time in Notes, number QuickActions, etc



Your Personal Goals

What you want to do more of, what bothers you the most



+

Your Individualized Epic Mastery Learning Plan



Initial coaching session 1-1.5 hours (with a possibility for protected time), one 30-minute coaching follow-up session one month later, four 15-minute check-in every two months.



Example of how Epic can look at a day in the life of a physician.

min/hr average over a period of 4 weeks







Dictation

Manual Typing





Would you be interested in participating in a coaching program conducted by our department's Epic Mastery Task Force to help providers personalize their Epic and use Epic more efficiently? (If you are interested, we will email you more information!)



Copy

fmhome4dinner.com

Our website containing:

- Written how-to guides
- Grand rounds, Epic \bullet presentations and lectures
- Competency checklist \bullet
- Full comprehensive best \bullet practice list
- Home for Dinner project status \bullet updates



C 🏠 🔒 fmhome4dinner.com \rightarrow

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←

Epic Workshop

https://docs.google.com/presentation /d/1tz5qWEvobvcCblCxtFD5FRgLd4T31i3ZZ_XyvYVg2s/edit?usp=sha ring

Link to this presentation and Epic Workshop step-by-step guides



Depression SmartTool

- New UMass SmartText
- "AMB DEPRESSION SCREEN"
- From the UMMH Office of Clinical Integration
- Fulfills the 3 criteria needed
 - Screen
 - Interpret
 - Plan

UMassMemorial

Accountable Care Organization

From the desk of John Greenwood/President of the UMass Memorial Accountable Care Organization (UMMACO)

SmartTool use in Epic for documentation of depression screening and follow-up

(note: similar functionality is likely available in non-Epic electronic health record systems, too)

Today we updated the Depression Screening and Follow-up Quality Aid to clarify the SmartTool available in the Epic EHR. Specifically, the **AMB DEPRESSION SCREEN** SmartText that not only saves you documentation time by pulling up a depression screening and follow up text template but also meets quality reporting guidelines.



The dropdown SmartLists present common options.

Filling these out fulfills the requirements

 does not meet criteria for depression. No further evaluation needed a has dysthymic disorder. has adjustment disorder with depressed mood. has adjustment disorder with mixed anxiety and depressed mood. has acute stress reaction. has anxiety disorder. has panic attacks. has major depressive disorder I MILD, MOD, SEV . has possible bipolar disorder. 	
 ○ has adjustment disorder with depressed mood. ○ has adjustment disorder with mixed anxiety and depressed mood. ○ has acute stress reaction. ○ has anxiety disorder. ○ has panic attacks. ○ has major depressive disorder I MILD, MOD, SEV . ○ has possible bipolar disorder. 	t th
 has adjustment disorder with mixed anxiety and depressed mood. has acute stress reaction. has anxiety disorder. has panic attacks. has major depressive disorder I MILD, MOD, SEV . has possible bipolar disorder. 	
 ○ has acute stress reaction. ○ has anxiety disorder. ○ has panic attacks. ○ has major depressive disorder	
 has anxiety disorder. has panic attacks. has major depressive disorder	
 ○ has panic attacks. ○ has major depressive disorder	
 O has major depressive disorder ∷ MILD, MOD, SEV . O has possible bipolar disorder. 	
⊖ has possible bipolar disorder.	
O ***	
< >	,

To build a speed button of this, click the wrench near the top right.

Search for "amb dep" in the "SmartText" search field.

Find the "AMB DEPRESSION SCREEN"

A new speed button will appear. Rename it to what you like.

Dises Problem List BestPractice HCC Best Practice Med Management SmartSets	Create Note UM N MC 1 PHQ9 2 HFPN 3	0 🖋
uses in oblem List Destinative med management Sinarioets	HFPHYS <u>4</u> HFTELEH <u>5</u> HDNAPSO <u>6</u> HDNTHV <u>7</u>	
Diagnoses	HD N PHYSF § HD N PHYSM 9 HD PE 0 HD O LABS	
or new diagnosis 🛉 Add Common 👻 Previous 👻 Problems 👻	HD AP F HD AP M HD AP GP HDSCRB1 HDSCRB3	2
My Notes	Settings	
Progress Notes Speed Buttons	When Creating New Progress Notes	 Image: A state Image: A state
SmartPhrase + dd amb depl + Add UM N MC PHQ9 HFPN HFPHN HFTELEH HDNAPSO HDNTHV	-OR- SmartText:	
HD N PHYSF HD N PHYSM HD PE HD O DAGG HD MOTAP M HD AP GP HDSCRB1 HDSCRB2 MEDSA HDSIGN TTB FMCHPTINSTR HD ERR AMB DEPRESSION SCREEN Cagtion: AMB DEPRESSION SCREEN	When Writing/Viewing Notes Remember the last tab I used for each NoteWriter note Enable double-click to edit a note	~
When Attesting to Progress Notes	Initial cursor position: O Beginning of notes e End of notes O End of my notes, beginning of others' notes	
-OR- SmartText:		~
M Restore Defaults C Refresh SmartPhrases	✓ <u>A</u> ccept X <u>C</u> ancel	> Cancel

Billing Wizard

The billing wizard can help you bill to the highest level and document your reasoning.

ම Level o	fService				
E LEVELO	I Service				
PRENA3	nPV<1	ePV<1	nPROB3	ePROB3	
TH10-20m	nPV1-4	ePV1-4	MCPPPS	ePROB4	
TH21-30m	nPV5-11	ePV5-11	NOCHG	ePROB5	
nPV40-64	nPV12-17	ePV12-17	ePV40-64	TCM7d	
nPV>65	nPV18-39	ePV18-39	ePV65+	TCM14d	
Level of serv	ice:				.○ [‡]
Modifiers:	25	95	GC	GE	
	Ad	ld Modifier			
🖶 Add E/M	Code				
Authorizing p	rovider:	DEL ROSARIO	, HENRY R.		
Bill area: FMCH HAHNEMAN					
Calculate	LOS base	d on time			

MDM billing

To bill via MDM:

First select if it is Est or New (unfortunately it defaults to New)

Notice the table reflects the three columns/aspects of billing MDM.

Start from top to bottom and consider starting from left to right.

Any item with a "lightning bolt" is what Epic picked up from your dx or orders and is suggesting it. It is not 100% accurate so use it as a starting point.



MDM billing

The middle column, complexity, is the most dynamic.

Take note that it streamlines the counting of elements here, so go from top to bottom.

You can see here that reading a prior note and reviewing a result counts as 2 elements and the "green check mark" tells you that you met the level 3 requirement for "complexity".


In this example, you have reviewed a prior note, reviewed a prior result, and ordered a new test. With these three elements you can dynamically see "live" how your billing now meets "Moderate" for complexity.



Let's say you ordered a non-OTC drug. You can now select "Moderate" in the third column (Risk), because of "Prescription drug management".

You can see at the bottom, the billing wizard says you meet criteria for a level 4 visit.

Level O	f Service Calculator			×
		Patient type: New Established	Service type: OFFICE/OUTPATI	ENT 🔎
<u>I</u> <u>M</u> edic	cal Decision Making <u>O</u> <u>T</u> ime	List + Additional E/M		
		independent historian that is not the patient		,
4	 1 or more chronic illness with exacerbation, progression, or side effects of treatment 2 or more stable chronic illnesses 1 undiagnosed new problem with uncertain prognosis 1 acute illness with systemic symptoms 1 acute complicated injury 	 Moderate (one from below) Tests, documents, or independent historians (modify in level 3) Independent interpretation of tests completed by another healthcare professional Discussion of management or test interpretation with another healthcare professional 	 Moderate Prescription drug ma Minor surgery with is factors Elective major surger identified risk factors Diagnosis or treatme significantly limited by determinants of heat 	dentified risk ery with no s ent by social
5	 1 or more chronic illness with severe exacerbation, progression, or side effects of treatment 1 acute or chronic illness or injury that poses a threat to life or bodily function 	O Extensive (two from below) ✓ Tests, documents, or independent historians (modify in level 3) □ Independent interpretation of tests completed by another healthcare professional □ Discussion of management or test	 High Elective major surge identified risk factors Emergency major su Drug therapy requiri monitoring for toxicit Decision not to resu de-escalate care be prognosis Decision regarding h 	s urgery ng intensive ty scitate or to cause of poor
	Decision Making Level: 4 Time be added: PR OFFICE OUTPATIE	Level: None selected ENT EST 30-39 MINUTES [99214 0	CPT®]	
			✓ <u>A</u> ccept	× Cancel

Let's say you didn't prescribe anything but you did address/monitor two stable chronic illnesses (like hypertension and obesity).

Select this in the first column (Problems addressed).

You still meet criteria for a level 4 visit as the billing wizard calculates in the bottom.

Level C	f Service Calcula	tor							×
T Medi	cal Decision Making	☑ <u>T</u> ime	Patien ∷≣ Li <u>s</u> t		New Established	Service typ	e: OFFICE/OUTPA	TIENT	<u>,0</u>
				ind	ssessment requiring a dependent historian at is not the patient	in			^
4	 1 or more chron exacerbation, pr side effects of tr 2 or more stable illnesses 1 undiagnosed r with uncertain p 1 acute illness w symptoms 1 acute complication 	ogression, o eatment ochronic new problem rognosis vith systemic	r	✓ Te indep (m □ Ind int co he □ Dis ma int an	ate (one from below) ests, documents, or bendent historians loadify in level 3) dependent terpretation of tests mpleted by another ealthcare professional scussion of anagement or test terpretation with bother healthcare ofessional	:	oderate Prescription drug r Minor surgery with factors Elective major surgidentified risk facto Diagnosis or treatr significantly limited determinants of he	identified risk gery with no vrs nent I by social	
5	 1 or more chron severe exacerba progression, or s treatment 1 acute or chron injury that poses or bodily function 	ation, side effects o ic illness or s a threat to I n	of	✓ Te indep (m □ Inc int co he	sive (two from below) ests, documents, or bendent historians iodify in level 3) dependent terpretation of tests impleted by another ealthcare professional		gh Elective major surg identified risk facto Emergency major Drug therapy requ monitoring for toxic Decision not to res de-escalate care b prognosis	irs surgery iring intensive city suscitate or to	r
Medical Decision Making Level: 4 Time Level: None selected Code to be added: PR OFFICE OUTPATIENT EST 30-39 MINUTES [99214 CPT®]									
							✓ Accept	× Cance	ŧ

Last example, let's say you only addressed obesity and hypertension but did not prescribe or manage any meds. Nor did you look at previous notes or previous labs or ordered any labs or imaging.

You can see that the billing wizard supports a level 4 visit if you "talked to another provider" (e.g. nutritionist via staff message).

Level Of Service Calculator	×
Patient type: New Established Service type: OFFICE/OUTPATIENT	0
<u>¥</u> <u>m</u> edical Decision Making <u>T</u> ime ∷≣ Li <u>s</u> t + Additional <u>E</u> /M	
or injury requiring hospital unique test	~
of care 1 2 3+	
Ordered of each unique test	
1 2 3+	
or	
Assessment requiring an	
independent historian that is not the patient	
 4 ☐ 1 or more chronic illness with exacerbation, progression, or side effects of treatment ✓ 2 or more stable chronic illnesses ☐ 1 undiagnosed new problem with uncertain prognosis ☐ 1 acute illness with systemic symptoms ☐ 1 acute complicated injury ✓ Moderate (one from below) 	:
ς □ 1 or more chronic illness with O Extensive (two from below) □ High	
Medical Decision Making Level: 4 Time Level: None selected	
Code to be added: PR OFFICE OUTPATIENT EST 30-39 MINUTES [99214 CPT®]	
	ol

Billing by time

You can bill by time and the billing wizard can help.

Click "Time" tab, and Epic will calculate the time you were in the chart total (e.g. 42 minutes).

Select "40 minutes" or write the time you think you spent and the wizard will bill the service level for you.

Click Accept for and the wizard will put in the charge for you.

-		Patient type: New Establ	Ished Service type: OF	ICE/OUTPATIENT
Medical Decisio	on Making O Time :	E List + Additional E/M		
		lt+Shift+T)		
otal time:	40	10 Minutes 20 Minu	ites 30 Minutes 40 Mir	nutes
limes you've access	sed this chart:			
Chart accessed	Chart accessed	Chart accessed	Chart accessed for current session	Appointment time
3:25 PM - 3:37 PM	8:51 PM - 8:51 PM	8:54 PM - 8:54 PM	9:05 PM -	3:00 PM
			20	
12 minutes	< 1 minute	< 1 minute	28 minutes	
Approximate time yo	< 1 minute ou had this patient's chart the total time you spent f	open: 42 minutes*	28 minutes	

X Cancel

✓ <u>A</u>ccept

Let's build a Result QuickAction so that when you have a FIT result, you can quickly message the patient and done the In Basket message.

First copy Henry's FIT SmartPhrase, by going to SmartPhrases (Personalize > My SmartPhrases). Find Henry's SmartPhrases by searching in the User search box. Hit enter.

Then search "fmch" in the SmartPhrase search box. Hit enter.



Search: fmch

You can just select FMCHCOMFIT but you can also shift click to get FMCHCOMLABTESTS and FMCHCOMPAP.

You will copy these to your SmartPhrase collection so that you can edit them whenever you want.

Click "Copy" and type your name in the User field. Click Accept.

Marrie	Description				
FMCHCOMFIT	FMCH patient communication - normal FIT				
FMCHCOMLABTESTS	FMCH patient communication - normal labs				
FMCHCOMPAP	FMCH patient communication - normal pap				
FMCHOBJURINEDRUG	Last urine drug screen test results				
FMCHPATINSTR	patient instructions smartlink				
FMCHSTAFFSCHEDAPPT	FMCH - Asking staff to schedule an appt				
HDINFOBLOODWORKNORMALLET	letter to pt: normal bloodwork				
e Lookup 🛛 😨 Shale With 🔋 Copy To 🚽 emove From L	ist m <u>D</u> elete				
tion	Editors				
patient communication - normal FIT	DEL ROSARIO, HENRY and 3 more				
patient communication - normal labs	DEL ROSARIO, HENRY and 4 more				
py SmartPhrases	×				
Some SmartPhrases cannot be copied	Choose users to receive conied records				
lected SmartPhrases	User				
ame	1 BROCHU, MEGAN [BROCHUM]				
MCHCOMFIT	74 2				
MCHCOMLABTESTS	A Copy Users				
МСНСОМРАР	74				
	Accept Cancel				
	FMCHCOMLABTERTS FMCHCOMPAP FMCHOBJURINEDRUG FMCHPATINSTR FMCHSTAFFSCHEDAPPT HDINFOBLOODWORKNORMALLET te Lookup Image: Share With Image: Copy To Image: Person Line patient communication - normal FIT patient communication - normal labs py SmartPhrases Image: Share With Image: Copy To Image: Physical Share Sh				

You can edit your FMCHCOMFIT to your liking.

User SmartPhrase – FMCHCOMFIT [265167]

(i) Do not include PHI or patient-specific data in SmartPhrases.

😫 🖪 🔺 📲 🚍 Insert SmartText 🖷 Insert SmartList 🗉

A fecal immunochemical test (FIT) is a screening test for colon cancer. It tests for hidden blood in the stool, which may be an early sign for colon cancer. If the test is positive for blood you may need a colonoscopy. The FIT needs to be done yearly to be effective in detecting cancer.

The result from your most recent FIT is normal. I recommend the next FIT be repeated next year.

Please contact our office if you have any questions.

Thank you,

@ME@

Go to In Basket and click "Manage QuickActions"

Click New QuickAction > Result Mgmt

Manage QuickActions +

QuickAction Manager

Mew QuickAction -	
🚈 Result Mgmt	tior
Etter	lion
わ Note	reated
Secure Patient Message	
₩ New Message	lign
🛷 Rx Request Sign	iigii
🔆 Rx Request Refuse	lefuse
1 Reply	ions
Meply All	
⊱ Forward	
📃) 🖓 Socuro Datic	opt Mo

You will see this QuickAction in your In Basket - Results folder



FMCH Epic Survey

https://forms.gle/fbPJi9uoTNzz6Xj46

Please fill this out if you haven't yet!



Competency Checklist

On fmhome4dinner.com Getting Home For Dinner Initiative - Epic Best Practices Checklist 2-pager

Henry Del Rosario MD; FM Epic Mastery Task Force (Hajj, Farrell, Ryan-Alkasab, Brochu) Last update 4/2023

Beginner level users should learn what is highlighted in green Intermediate level users should learn what is highlighted in yellow Advanced level users should learn what is highlighted in blue * = Self-Assessment survey question

To learn these best practices, go to our <u>Getting Home for Dinner Dashboard</u> and Epic Mastery Tool Box contained within There is a *detailed* version of this checklist in which you can find here: <u>Epic Best Practices Detailed Checklist</u>

Personalization/Visit walkthrough:

		Customize the columns of your patient schedule.		
	*	Use Sticky Notes for yourself or for other members of your specialty.		
	*	Use Care Coordination notes.		
*		Use the Storyboard		
		Use Review Flowsheets or Synopsis to review vitals		
*		Utilize the different Visit Diagnoses speed buttons		
		Learn how to move diagnoses back and forth between the Visit Diagnoses and Problem List		
		Personalize the columns of your Medications & Orders.		
	*	Create Patient Instructions for the AVS and corresponding Speed Buttons	(Epic video)	
	*	Personalize the Follow-Up section under Wrap Up		