Supplementary Appendix A

Immediate Posttraining Survey

1. Do you plan to review the online learning materials?
   - Yes
   - No
   - Unsure

2. How enjoyable was the session?
   - Extremely
   - A lot
   - A moderate amount
   - A little
   - Not at all

3. How useful was this session?
   - Extremely useful
   - Very useful
   - Moderately useful
   - Slightly useful
   - Not at all useful

4. How much did this session improve your EHR-use skills?
   - A great deal
   - A lot
   - A moderate amount
   - A little
   - Not at all

5. How was the pace of this session/the material?
   - Extremely slow
   - Somewhat slow
   - Just right
   - Somewhat fast
   - Extremely fast

6. How easy was it to understand the instructor/material?
   - Extremely easy
   - Just right
   - Neither easy nor difficult
   - Somewhat difficult
   - Extremely difficult

7. Please share what you liked about the session/material:
8. Please share recommendations to improve future sessions/materials:
9. How likely are you to recommend this type of training session to a friend or colleague? (Select an integer between 0 and 10, where 0 means "Definitely would NOT recommend" and 10 means "Definitely would recommend")
   0 1 2 3 4 5 6 7 8 9 10

Supplementary Appendix B

Postdeployment Survey

1. How many ICU shifts did you work during the recent surge?
   - Fewer than 3
   - 3 - 5
   - 6 - 10
   - More than 10

2. Which shift did you predominantly work?
   - Mostly (greater than 75%) DAY shifts.
   - Mostly (greater than 75%) NIGHT shifts.
   - No predominance of either day or night shifts.

3. How well did this training prepare you to use the EHR in the ICU?
   I was able to use the EHR to care for patients in the ICU…
   - fully INDEPENDENTLY.
   - with MINIMAL guidance (help).
   - with SIGNIFICANT guidance (oversight).
   - NOT AT ALL, even with guidance.

4. How much did the training increase your comfort in your new ICU role?
   - A great deal.
   - Moderately.
   - Not at all.
   - My comfort level DECREASED.
   - I was ALREADY highly comfortable using the EHR in the ICU.

5. Which of the following skills were of high value for you to perform your daily duties in the ICU? Select all that apply.
   - ☐ Setting up patient list
   - ☐ Using Summary reports (e.g., MD Index, ICU Accordion, ICU Rounding Widget Report)
   - ☐ Synopsis
   - ☐ Using the I/O activity
   - ☐ Results review
   - ☐ MAR and Medication reports
   - ☐ Bookmarking within Chart Review
   - ☐ Using Filters
   - ☐ Admission to ICU order sets (CMICU)
   - ☐ Other ICU order sets (e.g., sedation, ventilator)
   - ☐ Transfers out of the ICU
   - ☐ Other _____

6. Which of these EHR skills were unnecessary for you to perform your daily duties in the ICU? Select all that apply *(only those options that were not selected in #5 were available for the respondents to choose)*
   - ☐ Setting up patient list
   - ☐ Using Summary reports (e.g., MD Index, ICU Accordion, ICU Rounding Widget Report)
   - ☐ Synopsis
   - ☐ Using the I/O activity
   - ☐ Results review
   - ☐ MAR and Medication reports
   - ☐ Bookmarking within Chart Review
   - ☐ Using Filters
   - ☐ Admission to ICU order sets (CMICU)
   - ☐ Other ICU order sets (e.g., sedation, ventilator)
   - ☐ Transfers out of the ICU
   - ☐ Other _____

7. Will the EHR skills from the training be helpful when you return to your anesthesia role?
   - Yes
   - No

8. Which of these EHR skills will be most helpful in your anesthesia role? Select all that apply
   - ☐ Setting up patient list
   - ☐ Using Summary reports (e.g., MD Index, ICU Accordion, ICU Rounding Widget Report)
   - ☐ Synopsis
   - ☐ Using the I/O activity
   - ☐ Results review
   - ☐ MAR and Medication reports
   - ☐ Bookmarking within Chart Review
   - ☐ Using Filters

☐ Admission to ICU order sets (CMICU)
☐ Other ICU order sets (e.g., sedation, ventilator)
☐ Transfers out of the ICU
☐ Other _____

9. In case we need to deliver this type of training again, which additional EHR topics should we include in future iterations?

10. In addition to the in-person EHR training session, did you use the online videos in preparation for using the EHR to care for patients in the ICU?
    - Yes
    - No

11. Please share any other comments or recommendations about the sessions/materials:

Supplemental Table S1 Postactivity satisfaction survey immediately after the in-person session

Question	Answer option	n
How enjoyable was the session? (n = 15)	Extremely A lot A moderate amount A little Not at all	10 4 1 0 0
How useful was this session? (n = 15)	Extremely useful Very useful Moderately useful Slightly useful Not at all useful	13 2 0 0 0
How much did this session improve your EHR-use skills? (n = 15)	A great deal A lot A moderate amount A little Not at all	11 4 0 0 0
How was the pace of this session/the material? (n = 15)	Extremely slow Somewhat slow Just right Somewhat fast Extremely fast	0 0 14 1 0
How easy was it to understand the instructor/material? (n = 15)	Extremely easy Just right Neither easy nor difficult Somewhat difficult Extremely difficult	7 8 0 0 0
Do you plan to review the online learning materials? (n = 14)	Yes No Unsure	14 0 0
How likely are you to recommend this type of training session to a friend or colleague (where 0 means "Definitely would NOT recommend" and 10 means "Definitely would recommend")? (n = 15)	10 9 8 0–7	10 3 2 0

Note: Respondents selected a single answer choice amongst available options for each question.

Supplemental Table S2 Participant comments from the immediate posttraining survey and the postdeployment survey

Survey	Prompt	Participant response
Immediate posttraining	Please share what you liked about the session/material	Thank you!
		Presented just what we needed
		Moved at good pace while covering a bunch of info in a clear, concise way
		Really liked the instructors teaching style. Keep doing what you are doing. Great job considering the audience and prioritizing time and materials Thanks
		Fun
		Knowledge instructor, had answers to all questions. Availability of smart phrases
		Great instructor very engaging
		Loved the videos online!
		Just what we needed
		Fun times good people. Very helpful
	Please share recommendations to improve future sessions/materials	I wouldn't change anything
		Perhaps a from beginning to end example of charting for a generalized ICU patient
		More time on admissions!
Postdeployment	In case we need to deliver this type of training again, which additional EHR topics should we include in future iterations	It was great!
		I thought that you covered everything that we needed to know
		laboratory order modifications, ability to see standing orders or recurring orders
	Please share any other comments or recommendations about the sessions/materials	Excellent! Thank you for your support.
		While the class was a whirlwind, it was amazingly informative and I learned a lot more about Epic. I think that I will be able to look up ICU/ward patients more easily and thoroughly. I really appreciate you taking the time to show us!
		Thanks Jeff. I like your style
		As we had never done this role before our first shift, it was very helpful to go through workflow incorporated into the EHR. This was a very odd situation where we were expected to show up to work with only EHR orientation and zero clinical orientation. I think given this circumstance, the training was extremely helpful

Abbreviations: EHR, electronic health record; ICU, intensive care unit.
Note: "None" and "Nothing," as well as blank comments are omitted for succinctness.

Supplemental Table S3 Postdeployment survey after the surge ICU closed

Question	Answer option	n
How many ICU shifts did you work during the recent surge? (n = 12)	Fewer than 3 3–5 6–10 More than 10	1 8 2 1
Which shift did you predominantly work? (n = 12)	Mostly (greater than 75%) day shifts Mostly (greater than 75%) night shifts No predominance of either day or night shifts	5 5 2
How well did this training prepare you to use the EHR in the ICU? I was able to use the EHR to care for patients in the ICU… (n = 11)	Fully independently with minimal guidance (help) with significant guidance (oversight) Not at all, even with guidance	0 10 1 0
How much did the training increase your comfort in your new ICU role? (n = 11)	A great deal Moderately Not at all My comfort level decreased I was already highly comfortable using the EHR in the ICU	6 5 0 0 0
Will the EHR skills from the training be helpful when you return to your anesthesia role? (n = 12)	Yes No	12 0
In addition to the in-person EHR training session, did you use the online videos in preparation for using the EHR to care for patients in the ICU? (n = 12)	Yes No	7 5

Abbreviations: EHR, electronic health record; ICU, intensive care unit.

Supplemental Table S4 Concepts that were of high and low value to the ICU and concepts helpful on return to the anesthesia role (n = 11)

Concept	ICU role		Anesthesia role
	High value[a]	Unnecessary[a]	
Setting up patient list	10	0	2
Using Summary reports	11	0	11
Synopsis	6	1	4
Using the I/O activity	7	0	6
Results review	3	1	2
MAR and medication reports	6	0	6
Bookmarking within chart review	0	6	3
Using filters	2	2	4
Admission to ICU order sets (CMICU)	11	0	0
Other ICU order sets	11	0	0
Transfers out of the ICU	7	0	0
Other	2	0	1

Abbreviations: CMICU, medical intensive care unit admission order set; I/O, intake and output review; MAR, medication administration record review.
[a]Respondents who indicated that a concept was of high value to the ICU did not have the option to choose that concept as unnecessary for the ICU.