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**Supplementary Table I. Pre-electronic health record implementation survey**

<b>Data Entry (Methods, Timing and Location)</b>						
<b>How often do you use the following for clinical documentation? (Can choose more than one)</b>						
	Never	Rarely	Sometimes	Often	All of the Time	Not sure what this is
• Handwritten paper notes						
• Electronic documentation in CareWeb						
<b>When you choose to enter data in CareWeb, how often do you use each of the following methods? (Can choose more than one)</b>						
	Never	Rarely	Sometimes	Often	All of the Time	Not sure what this is
• Full dictation						
• Imaging of paper notes						
• Typing using a template						
<b>With what frequency do you enter data into the medical record (including dictation) at the following times and locations? (Can choose more than one)</b>						
	Never	Rarely	Sometimes	Often	All of the	Not sure what this is

					Time	
• On clinical workdays – in the patient rooms with patients						
• On clinical workdays – between patients						
• On clinical workdays – evenings/nights						
• On non-clinical/administrative workdays						
• On my days off (weekdays or weekends)						
<b>Communication</b>						
<b>The current system (paper chart notes with dictated letters/op notes)...</b>						
	Disagree strongly	Disagree slightly	Neutral	Agree slightly	Agree strongly	
• Enables me to create high-quality documentation						
• Enables my colleagues to create high-quality documentation (including referral letters)						
• Supports my clinical thought process						

• Does not interfere with my ability to have face-to-face contact with patients						
• Supports my ability to interact with my patients in a meaningful way						
<b>Safety</b>						
<b>The current system (paper chart notes with dictated letters/op notes)...</b>						
	Disagree strongly	Disagree slightly	Neutral	Agree slightly	Agree strongly	
Has improved patient safety by helping us avoid problems or mistakes						
<b>Reminders and Alerts</b>						
<b>The current system (paper chart notes with dictated letters/op notes)...</b>						
	Disagree strongly	Disagree slightly	Neutral	Agree slightly	Agree strongly	
Reminds me of important actions or items that						

the patient is due for (e.g. labs, studies, procedures vaccines, documentation)						
<b>Workflow and Efficiency</b>						
<b>The current system (paper chart notes with dictated letters/op notes)...</b>						
	Disagree strongly	Disagree slightly	Neutral	Agree slightly	Agree strongly	
Enables me to complete documentation in a timely manner						
	CareWeb is much less efficient	CareWeb is somewhat less efficient	Neutral—no real difference	CareWeb is somewhat more efficient	CareWeb is much more efficient	I have not used CareWeb or paper charts enough to make a comparison
Compared to paper charts, please rate the impact CareWeb has had on your overall efficiency and workflow.						
<b>Training</b>						

	None	Some	All			
How much MiChart training have you received?						
	Very inadequate	Somewhat inadequate	Neutral	Somewhat adequate	Very adequate	
The amount of training you received for MiChart was:						
<b>Prior Experience</b>						
	None	Some, but less than one year	One to two years	Two to four years	More than four years	
Estimate how much prior experience you had with MiChart (also known as Epic) in your clinical practice before coming to the University of Michigan						
<b>Job Satisfaction</b>						
	Very	Slightly	Neutral	Slightly	Very satisfied	

	unsatisfied	unsatisfied		satisfied		
Please rate your current overall job satisfaction						
	Very big negative impact	Slight negative impact	Neutral	Slight positive impact	Very big positive impact	
Please estimate the impact CareWeb has had on your overall job satisfaction						
<b>Looking forward</b>						
	Disagree strongly	Disagree slightly	Neutral	Agree slightly	Agree strongly	
Are you confident that MiChart will allow you to provide better care for your patients than using paper chart notes with dictated letters/op-notes?						
	Definitely keep current system	Probably keep current system	Neutral	Probably switch to MiChart	Definitely switch to MiChart	
Based on everything you currently know,						

would you like to keep the current system of paper charts or switch to MiChart?						
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**Please tell us anything else you would like us to know about your experiences and perceptions so far related to the switch from the current system to MiChart. The can be about the topics covered in this survey or anything else you think is important:**