## Survey of infection prevention informatics use and practitioner satisfaction in U.S. hospitals

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1.	Are you the:  O Hospital epidemiologist
	○ Infection preventionist
2.	What computer physician order entry system (CPOE) do you use?
	<ul><li>○ Cerner</li><li>○ Epic</li></ul>
	○ McKesson
	○ GE
	Other (please specify):
3.	Which, if any, infection control/hospital epidemiology/antimicrobial stewardship software do you use on top of your CPOE system?  • We have no additional software or we only use internal IT resources
	○ Thera-Doc (Hospira)
	○ Medmined (Cardinal)
	○ Safety Surveillor (Premier)
	○ Sentri-7
	Other (please specify):

If Thera-Doc, Medmined, Safety Surveillor, or Sentri-7, continue to next page. Otherwise, skip to page 7.

	_	r level d	of satisf	action	with [Q	3] in ter	rms of n	neeting	gyour in	fection	contr	ol
$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$			
1	2	3	4	5	6	7	8	9	10			
←Not	t satisfie	ed					Мо	st satisf	ied →			
How	was th	e imple	ementa	tion pr	ocess o	f [Q3]?						
$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$			
1	2	3	4	5	6	7	8	9	10			
←Ter	rible							Gr	eat →			
	need	needs?  1 2  Not satisfied  How was the	needs?	needs?	needs?	needs?	needs?	needs?         ○	needs?         ○	needs?         ○	needs?         ○	O       O

## 6. What do you use [Q3] for?

	N/A: [Q3] Can't do this (and doesn't claim to)	1: [Q3] has/claims the capacity to perform this task, but the output meets 0% of my needs	2	3: [Q3] meets 50% of my needs (but I need work- arounds)	4	5: [Q3] meets 100% of my needs
1. CLABSI surveillance	0	0	0	0	0	0
2. SSI surveillance	0	0	$\bigcirc$	0	0	0
3. VAP/VAC surveillance	0	0	$\circ$	0	0	0
4. CAUTI surveillance	0		$\circ$		$\circ$	
5. Outbreak surveillance	0	0	$\circ$		$\circ$	$\circ$
6. Tracking device utilization – central line days	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
7. Tracking device utilization – urinary catheter days	0	0	0		0	0
8. Tracking device utilization – ventilator days	0	0	0	0	0	0
9. Alerting readmission of a patient colonized with MDRO	0	$\circ$	0	0	0	0
10. Alerting whether a patient needs isolation precautions	0	0	0	0	$\circ$	0
12. Submitting reportable diseases (e.g. tuberculosis) to State Dept. of Public Health	0	0	0	0	0	0

7.		_	_	C defini y of [Q		-	orting r	require	ments,	how com	ifortable ar	1
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	3	4	5	6	7	8	9	10		
	←Un	comfort	table					Very co	mfortal	ole →		
8.	How	satisfie	ed are y	ou with	ı [Q3] in	terms	of impr	oving y	our dai	y workfl	ow?	
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	3	4	5	6	7	8	9	10		
	←Not	t satisfie	ed					Мо	st satisf	ied →		
9.	Do yo	S	[Q3] for	antimi	crobial	stewar	dship?					

If yes, continue to next page. If no, skip to page 5.

10.	How s	atisfie	d are y	ou with	[Q3] fo	r antim	icrobia	l stewa	rdship?	
	$\bigcirc$									
	1	2	3	4	5	6	7	8	9	10
	←Not	satisfie	ed					Мо	st satisf	ied →

## 11. Does [Q3] improve your workflow?

| $\bigcirc$ |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1          | 2          | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         |
| ←No        |            |            |            |            |            |            |            | ,          | Yes →      |

12.	-		nat [Q3] ething 6			_			ould the	e money be better
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2	3	4	5	6	7	8	9	10
	←Not c	ost-eff	ective				V	ery cost	-effectiv	re →
13.	When y	•		omethir	ng with	[Q3], h	ow easy	is to ge	et the q	uestion answered by
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2	3					8	9	10
	←Diffic	:ult							Eas	y <b>→</b>
14.	How m	odifial	ole/cust	omizab	le is [Q	3] to yo	our char	nging ne	eds?	
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2		4	5	6		8	9	10
	←Not c	ustomi	izable				Ve	ery custo	omizable	e →
15.	Does [0	Q3] hel	p you ir	your c	ontrol	of mult	i-drug r	esistan	t organi	isms?
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2	3	4	5	6	7	8	9	10
	←No								Ye	es →
16.	How di	ifficult	was it f	or your	IT dep	artmen	t to ins	tall [Q3]	?	
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2	3	4	5	6	7	8	9	10
	←Diffic	ult							Eas	y <b>→</b>
17.	How m	uch on	n-going	IT invol	vemen	t is nee	ded to r	naintai	n [Q3]?	
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	1	2	3	4	5	6	7	8	9	10
	←A lot								Non	e →

18.	How h	appy i	s your l	ocal ho	spital I	T group	with th	ne purc	hase of	[Q3]?
	$\bigcirc$									
	1	2	3	4	5	6	7	8	9	10
	←Not	happy						٧	ery hap	ру →
19.	How n	nuch d	nes voi	ır instif	tution n	ay for [	031 eac	h vear?	,	
13.		\$49,999	_		.acion p	ay ioi [	QJ] cac	ii year.		
	○\$50	,000-\$9	9,999							
	○\$10	0,000-\$	149,999	9						
	○ \$15	0,000-\$	199,999	9						
	○\$20	0,000+								
	○ Dor	n't knov	٧							
							_			
20.	How h	nappy i	s your l	nfectio	n Preve	ention t	eam wi	th [Q3]	?	
	$\bigcirc$									
	1	2	3	4	5	6	7	8	9	10
	←Not	happy						V	ery hap	ру→
21.	How li	ikely aı	re you t	o conti	inue usi	ng [Q3]	2 years	s from r	now?	
		-	•				•			
	$\bigcirc$									
	1	2	3	4	5	6	7	8	9	10
	←Not	likely							Very like	ely →

Skip to page 10.

22.	Have you built a home-grown system relative to infection control needs to
	supplement your CPOE?
	○Yes
	○No

If yes, skip to page 9. If no, go to next page.

23.	What	is your	satisfa	ection v	vith [Q2	2] in ter	ms of n	neeting	your in	fection (	ontrol	l needs?
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	3	4	5	6	7	8	9	10		
	←Not	satisfie							st satisfi	ied →		
24.	○ Thr	ough C ough h	DC soft ome-gr	ware. own sof	tware	to CDC						
25.	How	easy is	to tran	sfer inf	ormati	on to Cl	DC/NHS	N?				
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	3	4	5	6	7	8	9	10		
	←Diff	icult							Ea	sy →		
	☐ Cos	st require IT wou		eeds upport 1	the prod	duct						
27.	What needs	-	satisfa	action v	vith [Q2	2] in ter	ms of m	neeting	your an	itibiotic	stewaı	r <b>dship</b>
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2						8		10		
	←Not	satisfie	ed					Мо	st satisfi	ied →		
28.		-	-			ing [Q2] s from r		ection c	ontrol/	hospital	epideı	miology/
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	_	4	5	6	7	8	9	10		
	←Not	satisfie	ed					Мо	st satisfi	ied →		

Skip to page 10.

29.		-	r satisfa ntrol ne		vith you	ur custo	om-buil	t syster	n in ter	ms of me	eting y	our/
	$\bigcirc$	$\bigcirc$	_	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2		4	5	6	7	8	9			
	←No	t satisfi	ed					Mc	st satisf	ied →		
30.		-	<b>transfe</b> DC soft		mation	to CDC	/NHSN?	•				
	$\bigcirc$ Th	rough h	nome-gr	own sof	tware							
	$\bigcirc$ Ot	her (ple	ase spe	cify):								
31.	How	easv is	to tran	sfer inf	ormati	on to Cl	DC/NHS	N?				
	_	-										
	0	0	0	0	_	0	<u> </u>	0	<ul><li>9</li></ul>			
	1 ←Dif		3	4	5	6	/	8		10 isy →		
	· Dii	iicaic							L	isy		
32.	(selection   Co.   Co.   No.   My	e <b>t all th</b> est o require / IT wou	I have neat apply  ement not sease spe	eeds upport	the proc	duct		ction co	ontrol s	oftware	is:	
33.		-	r satisfa tewards		_	ur custo	om-buil	t syster	n in ter	ms of me	eting y	our '
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2		4	5	6	7			10		
	←No	t satisfi	ed					Mc	st satisf	ied →		
34.		-	-						system rs from	for infe	ction co	ontrol/
	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
	1	2	3	4	5	6	7	8	9	10		
	←No	t satisfi	ed					Мс	st satisf	ied →		

35.	Is there anything else about your infection control software you would tell someone who was thinking about using it?
	(E.g.: Any specific highlights or difficulties with your software? Are there discrepancies between capabilities your vendor says are included and your experience with the software?)