

Patient and family engagement: a survey of US hospital practices

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ABSTRACT

Background Patient and family engagement (PFE) in healthcare is an important element of the transforming healthcare system; however, the prevalence of various PFE practices in the USA is not known.

Objective We report on a survey of hospitals in the USA regarding their PFE practices during 2013–2014.

Results The response rate was 42%, with 1457 acute care hospitals completing the survey. We constructed 25 items to summarise the responses regarding key practices, which fell into three broad categories: (1) organisational practices, (2) bedside practices and (3) access to information and shared decision-making. We found a wide range of scores across hospitals. Selected findings include: 86% of hospitals had a policy for unrestricted visitor access in at least some units; 68% encouraged patients/families to participate in shift-change reports; 67% had formal policies for disclosing and apologising for errors; and 38% had a patient and family advisory council. The most commonly reported barrier to increased PFE was 'competing organisational priorities'.

Summary Our findings indicate that there is a large variation in hospital implementation of PFE practices, with competing organisational priorities being the most commonly identified barrier to adoption.

INTRODUCTION

A growing body of evidence shows that a more engaged patient experiences better health outcomes and lower use of health-care services. The term 'patient engagement' encompasses a number of related concepts, including 'patient-centred care' and 'shared decision-making', all of which build on the idea of involving patients as partners in their care. Under this broad umbrella term, there is evidence that patient engagement is associated with fewer adverse events, better patient self-management, fewer

diagnostic tests,⁶ decreased use of healthcare services⁷ and shorter lengths of stay in hospitals.⁸

There is also evidence that patients benefit when family members play an active part in the patient's care. For example, one study found that family members gave new information 46% of the time when present during rounds. Family members can take on many roles, such as participating in care coordination and assessing care practices for consistency, accuracy and safety. 10 They play an especially important role when patients are not physically or cognitively able to participate in their own care, and family members become the surrogate decisionmakers. 11 Further, organisational policies supporting family involvement, such as extended visiting hours, may affect health outcomes; one study reported that longer visiting hours in the intensive care unit were linked to a reduction in cardiovascular complications, possibly through patients' reduced anxiety and better hormonal profiles. 12

While continuing to grow, the evidence is not entirely positive; for example, one study found that patient-centred communication was associated with longer visit length.⁶ In addition, a focus group study found that some people would like their providers to tell them what to do rather than engage in shared decision-making with them. ¹³

Multiple mechanisms have been proposed to link patient and family engagement (PFE) to better outcomes. One hypothesis is that when clinicians engage patients and their family members as active partners in their care, the patients and family members can provide information missing from medical charts and can recognise and speak up about errors in care delivery. Another is that when patients help make the decisions about





which treatment options would be the most favourable, they are more likely to follow the selected treatment plans. 14 Additionally, when patients can better communicate their questions and concerns, they may be better able to understand, and more likely to adhere to, their treatment protocols. 4 15 It is also possible that when clinicians give patients the confidence and skills to manage their conditions, patients will play more effective roles in self-care. 16 Furthermore, when patients and family members serve as advisors to hospitals, they can help improve the experiences of patients and families in ways that lead to favourable outcomes. ¹⁷ The comparative importance of these proposed mechanisms is unknown, and there is currently limited or conflicting evidence to support them.

However, regardless of the mixed evidence regarding specific mechanisms and outcomes, there is growing agreement that effective PFE is foundational to improving patient experience and clinical outcomes and decreasing use of unnecessary healthcare services. This agreement has led to an increased emphasis on and expansion of PFE practices by healthcare leaders and providers.

This expansion has been reinforced by financial incentives for hospitals. As part of the Patient Protection and Affordable Care Act, Medicare payments to hospitals are affected by Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) scores. HCAHPS includes some items that directly relate to patient engagement, specifically those regarding doctor and nurse communication, and evidence links greater patient engagement to higher patient ratings of hospital quality.

In this study, we build on the framework proposed by Carman *et al*¹⁹ and define PFE as (1) a set of beliefs and behaviours by patients, family members and health professionals; (2) features of organisational design and procedures; and (3) a set of organisational policies, all designed to ensure the inclusion of patients and their family members as active members of the healthcare team as well as encourage collaborative partnerships with providers, patients and their families. Given the evidence that PFE is associated with better health outcomes, higher patient ratings of hospital quality and lower use of healthcare services, it is surprising how little is known about actual practices and policies of hospitals in the USA.

Thus, we undertook a national survey of hospitals about their use of a range of recommended strategies, including patient and family advisory councils, online access to medical records, health education materials in other languages, 24 h visitation policies, nurse shift-change reports at patients' bedsides, decision aids, and physician and nurse training in patient engagement. We also surveyed hospitals about their perceived barriers to adopting PFE practices. The purpose of this project was twofold: (1) to describe

the degree to which a core set of recommended PFE practices is currently being used in a sample of US hospitals; and (2) to determine the relative significance of perceived barriers to PFE.

METHODS

Overview

We conducted a cross-sectional survey of a random sample of hospitals in the USA. The survey was developed in conjunction with a panel of experts on PFE and mailed to 3500 randomly selected hospitals. We report on the survey results regarding adoption of PFE practices and the barriers to PFE.

Survey

To develop the questionnaire, we reviewed the literature and identified a number of PFE strategies to be assessed, and searched the literature and the internet for existing surveys of PFE. We then convened a technical expert panel (TEP) of 12 external experts with experience or expertise in providing patient-centred care; implementing patient-centred models of care; patient safety awareness; organisational development and management; healthcare quality research; and PFE in planning, delivery and evaluation of healthcare services (see online supplementary appendix A for list of experts). We presented the TEP with a draft survey; suggestions from the TEP were incorporated into a revision, which was then shared again with the TEP; the process repeated for multiple iterations. The final instrument was comprised of 38 items, which measured PFE on 20 distinct topics (see online supplementary appendix B). Items included 37 questions on the implementation of PFE strategies and one multiple-response item concerning perceived barriers to additional implementation.

Sampling

Surveyed hospitals were chosen at random from the 2012 American Hospital Association (AHA) Annual Survey.²⁰ We excluded hospitals that were not acute care hospitals, which left 5290 hospitals. We calculated that to detect a difference of 10% between a subset of 25% of the hospitals reporting and the remaining 75%, we would need 1028 responses. Our initial sample was based on an anticipated 50% response rate. The sampling was done in two stages; an initial sample of 2000 hospitals was surveyed in July 2013. Because of a lower-than-expected response rate, this was followed by a second sample of 1500 in October 2013. The two samples were pooled for analysis. Because of closures, mergers and inaccurate mailing information in the AHA survey file, the number of actual hospitals sampled was 3442. The survey was sent to CEOs at each hospital; hospitals could return the paper form or fill out an electronic version online. Sampling stage and mode of administration had no substantive relationship to reported

Original research

findings. We used a number of strategies to increase the response rate, including a two-page preannouncement about the survey at the Health Forum/AHA Annual Summit; second, third and fourth mailings to hospitals; calls to all non-responders after the fourth mailings; announcements about the survey in AHA newsletters; survey promotion by the TEP and the AHA/Health Research & Educational Trust Hospital Engagement Network; and letters to hospital CEOs from state hospital associations.

Data sources and variables

We linked the PFE surveys to the AHA Annual Survey in order to determine hospital teaching status (none, residency programme, Council of Teaching Hospitals (COTH)); ownership (private not-for-profit, private for-profit, US Department of Veterans Affairs (VA) or other government); number of beds (≤25, 26–100, 101–200, 201–300, >300); critical access hospital (CAH) status; urban-continuum status (division, metro, micro, rural); and geographic region. We separated VA hospitals from other government hospitals because an initial inspection of survey results showed a strong pattern of differences between the two.

PFE scoring

To facilitate evaluation and comparison of hospitals with respect to PFE, we used the original survey to construct a set of summary items. This approach allowed us to combine items that had dependencies and categorise items that had multiple response options. The PFE summary items were constructed in consultation with the TEP in regards to which survey items, if any, could be excluded. The summary items were structured according to the topics of the questionnaire, with items selected from each topic. We grouped these items into three broad categories: (1) organisational practices, (2) bedside practices and (3) patient and family access to information and support for shared decision-making.

Analysis

We summarised the characteristics of hospitals that responded to the survey and compared them to those of the hospitals that did not respond or were not sampled, using χ^2 -tests to test for differences between the two groups.

The survey contained questions about 17 specific barriers to hospital adoption of PFE practices, each with a response scale of 1–5, in which 1 was 'no barrier' and 5 was 'significant barrier'. To facilitate analysis and interpretation, we dichotomised the responses for each of the 17 items into 1–3 ('not a significant barrier') or 4–5 ('significant barrier'), and reported the frequency of hospitals citing each as a significant barrier.

All analyses were done using Stata version 13.1 (Stata Corp, 2014, College Station, Texas, USA).

RESULTS

Of the 3442 hospitals surveyed, 1457 (42.4%) responded. The 1457 hospitals differed significantly from non-surveyed acute care hospitals on all characteristics except CAH status, with moderately higher likelihood of being COTH, public or not-for-profit, larger bed size, urban and in New England or the South Atlantic (see table 1). Eighteen per cent of respondents were hospital CEOs, with the remaining surveys being completed by other hospital staff.

The 25 items and their frequencies are given in table 2. Of the 25 items, 49% of hospitals had 9 or more fully implemented.

Barriers

The barriers included in the PFE survey are listed in table 3 in order of the frequency with which respondents rated them as significant barriers. Fifty-one per cent of respondents identified competing organisational priorities as a significant barrier, followed by time to set up and implement advisory programmes, time required for rounds and shift changes that engage patients, and financial support for PFE activities.

DISCUSSION

Findings

In this first ever survey of the PFE strategies and policies implemented at hospitals across the USA, we found a wide variation in practices. Among the most widely adopted organisational practices, 88% had written policies on patients' rights to identify which of their personal contacts they would like to have actively involved in their care, 86% had a policy for unrestricted visitor access in at least some units and 67% had formal policies for disclosing and apologising for medical errors. Within this same domain, the least frequently adopted included the involvement of patients and family members as either educators or content developers when training clinical staff (7%), patient and family advisory councils meeting within the last 12 months (21%), and patient and family members sitting on the patient and family advisory councils (23%).

Among the most widely adopted PFE bedside practices, 80% at least sometimes employed the use of white boards in patients' rooms, and 68% practised teach-back with patients in at least some units. The least frequently adopted practice was conducting multidisciplinary rounds with patients and families (61%).

Among practices related to patient and family access to information and support for shared decision-making, the most widely adopted practice was allowing patients to examine their health records either anytime (42%) or by appointment or consult (44%). The second most common was taking steps to address health literacy and language issues (73%). The least

Table 1 Characteristics of hospitals included compared with those not surveyed

	Not			
Characteristic	included	Responded	All eligible	p Value
N	3833 (100.0)	1457 (100.0)	5290 (100.0)	
Teaching				0.000
None	3215 (83.9)	1116 (76.6)	4331 (81.9)	
Residency	449 (11.7)	185 (12.7)	634 (12.0)	
COTH	169 (4.4)	156 (10.7)	325 (6.1)	
Ownership				0.000
Government	832 (21.7)	351 (24.1)	1183 (22.4)	
Non-profit	2008 (52.4)	866 (59.4)	2874 (54.3)	
Profit	900 (23.5)	208 (14.3)	1108 (20.9)	
VA	93 (2.4)	32 (2.2)	125 (2.4)	
Beds (category)				0.000
≤25	927 (24.2)	267 (18.3)	1194 (22.6)	
26–100	1192 (31.1)	384 (26.4)	1576 (29.8)	
101–200	742 (19.4)	294 (20.2)	1036 (19.6)	
201–300	439 (11.5)	154 (10.6)	593 (11.2)	
301+	460 (12.0)	358 (24.6)	818 (15.5)	
Missing	73 (1.9)	0 (0.0)	73 (1.4)	
Critical access hospital				0.241
No	2863 (74.7)	1111 (76.3)	3974 (75.1)	
Yes	970 (25.3)	346 (23.7)	1316 (24.9)	
Urban status				0.036
Division	535 (14.0)	228 (15.6)	763 (14.4)	
Metro	1766 (46.1)	662 (45.4)	2428 (45.9)	
Micro	629 (16.4)	267 (18.3)	896 (16.9)	
Rural	903 (23.6)	300 (20.6)	1203 (22.7)	
Region				0.000
New England	125 (3.3)	86 (5.9)	211 (4.0)	
Mid Atlantic	329 (8.6)	125 (8.6)	454 (8.6)	
South Atlantic	509 (13.3)	255 (17.5)	764 (14.4)	
East North Central	536 (14.0)	183 (12.6)	719 (13.6)	
East South Central	543 (14.2)	243 (16.7)	786 (14.9)	
West North Central	350 (9.1)	95 (6.5)	445 (8.4)	
West South Central	654 (17.1)	186 (12.8)	840 (15.9)	
Mountain	304 (7.9)	140 (9.6)	444 (8.4)	
Pacific	428 (11.2)	140 (9.6)	568 (10.7)	
Other	54 (1.4)	4 (0.3)	58 (1.1)	
Missing	1 (0.0)	0 (0.0)	1 (0.0)	

COTH, Council of Teaching Hospitals; VA, US Department of Veterans Affairs.

commonly reported practice was giving patients 24 h online access to their personal health information (28%). These findings are difficult to interpret, in part because of the inherent limitations of a survey. Responses may not correspond to actual practices at the hospital, and there may be differences across hospitals in what a particular practice actually means. To study this further, we contacted some of the 71% of hospitals that said they provided decision aids to patients and asked them for copies of decision aids they used. A large majority of the materials they provided were simply educational materials, such as pamphlets that did not fit the technical definition

provided in the survey ('informational health materials and literature that help people become involved in decision-making by making explicit the decision that needs to be made, providing information about treatment options and outcomes, and helping the patient clarify personal values'). There are likely other item responses that similarly overstate or understate actual PFE; however, as suggested by the decision aid example, we think it is more likely that our results overstate rather than understate the use of PFE practices.

It is also important to recognise that the survey's checklist format does not capture the depth of

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 Table 2
 Constructed composite items

	Count	(%)		Count	(%)
1. Organisational practices to support PFE			Hospital provides training to nurses on partnering		
Formal self-assessment of PFE practices			No/Unknown	490	(33.6)
No	902	(61.9)	Yes	823	(56.5)
>12 months ago	168	(11.5)	Missing	144	(9.9)
Within 12 months	344	(23.6)	Proportion of staff receiving training on partnering		
Missing	43	(3.0)	None	480	(32.9)
Patient and family advisory council			1–50%	565	(38.8)
No	883	(60.6)	51–100%	168	(11.5)
Some units	195	(13.4)	Missing	244	(16.7)
Hospital-wide	364	(25.0)	Patients/family members involved in training clinical staff		
Missing	15	(1.0)	(either as educators or content developers)		
Patient and family advisory council meetings within the last 12 months			Low Medium	210 72	(14.4) (4.9)
None	256	(17.6)	High	35	(2.4)
1–3	27	. ,	-	1140	(78.2)
	278	(1.9) (19.1)	Missing Clinical staff trained in how to communicate with	1140	(70.2)
≥4 Missing	276 896	(61.5)	patients		
Percent of patient and family advisory council who are	030	(01.5)	Low	185	(12.7)
patients/family members			Medium	412	(28.3)
None/no council	1114	(76.5)	High	221	(15.2)
1–50%	96	(6.6)	Missing	639	(43.9)
51–100%	234	(16.1)	Metrics used to track implementation of PFE strategies		, ,
Missing	13	(0.9)	None	537	(36.9)
Patients/family members in hospital committees			1–4 metrics	499	(34.2)
Low	633	(43.4)	5+ metrics	211	(14.5)
Medium	222	(15.2)	Missing	210	(14.4)
High	31	(2.1)	2. PFE practices at the bedside		
Missing	571	(39.2)	Patients/family encouraged to participate in nurse		
Written policy on patients' rights to specify which family			shift-change report		
members or other partners in care will be actively involved in their care			No Some units	359 409	(24.6) (28.1)
No	74	(5.1)	All units	583	(40.0)
Yes	1281	(87.9)	Missing	106	(7.3)
Missing	102	(7.0)	Multidisciplinary rounds conducted with patients/family	100	(7.5)
Policy facilitating unrestricted access			members		
No	153	(10.5)	No	454	(31.2)
Some units	411	(28.2)	Some units	583	(40.0)
All units	841	(57.7)	All units	312	(21.4)
Missing	52	(3.6)	Missing	108	(7.4)
Formal policy for disclosing/apologising for errors			Teach-back used with patients		
No	355	(24.4)	None	227	(15.6)
Yes	971	(66.6)	Some	586	(40.2)
Missing	131	(9.0)	All units	406	(27.9)
Patients/families routinely interviewed for root-cause analysis			Missing White board for patients' daily care	238	(16.3)
No	636	(43.7)	Seldom/never	1 /10	(10.2)
Yes	684	(46.9)	Sometimes	148 1140	(10.2) (78.2)
Missing	137	(9.4)	Often/always	30	(2.1)
Hospital provides training to physicians on partnering		. ,	Missing	139	(2.1)
No/Unknown	918	(63.0)	ivilooiliy		
Yes	392	(26.9)		C	ontinued
Missing	147	(10.1)			

Table 2 Continued

Table 2 Continued

	Count	(%)
3. Access to information and support for shared d	ecision-n	naking
Online access to personal health information		
No	946	(64.9)
Yes	404	(27.7)
Missing	107	(7.3)
Patients are given information on accessing health records		
No	274	(18.8)
Yes	1070	(73.4)
Missing	113	(7.8)
Patients can examine their health records		
No	94	(6.5)
Appointment/consult only	639	(43.9)
Anytime while in the hospital	610	(41.9)
Missing	114	(7.8)
Health literacy and language issues addressed		
None	238	(16.3)
Some	701	(48.1)
All	361	(24.8)
Missing	157	(10.8)
Patients are provided with decision aids		
No	425	(29.2)
Yes	1032	(70.8)
Patients and families can activate a rapid response team		
No rapid response team	280	(19.2)
No	234	(16.1)
Through hospital staff	225	(15.4)
Directly	604	(41.5)
Missing	114	(7.8)

PFE, patient and family engagement.

hospitals' commitment to PFE. It is conceivable that a hospital has 'fully implemented' many of our 25 summary items but only in a cursory manner; on the other hand, a hospital may be more effective at PFE because of an active and integrated patient and family advisory council that has focused strongly on only a few key strategies.

Yet even with these inherent restrictions on interpretation, we think the survey provides clear evidence that there is large variation in adoption of practices across hospitals in the USA. While few hospitals have adopted a wide range of practices, a number of practices are in widespread use, and some hospitals have adopted a large number of them. The availability of clinical information systems, support from clinicians or administrators, and concerns related to privacy or risk management were not identified by many respondents as significant barriers. However, over half of responding hospitals viewed competing organisational priorities as a significant barrier. A lack of financial support for PFE activities and a lack of time to implement advisory programmes and specific PFE practices were identified as significant barriers in >30% of responding hospitals.

 Table 3
 Barriers to patient and family engagement (PFE)

	Significan barrier	t
Barriers	n	(%)
Competing organisational priorities	652/1276	(51.1)
Time it takes to set up and implement advisory programmes	545/1284	(42.4)
Time available for rounds, shift changes, etc.	409/1282	(31.9)
Amount of financial support for PFE activities	411/1289	(31.9)
Training of clinical providers in how to engage with patients	327/1282	(25.5)
Degree of transparency of medical cost information enabling patients to compare	319/1277	(25.0)
Availability of clinical information systems	284/1283	(22.1)
Support for PFE from clinicians	224/1282	(17.5)
Patient's willingness to participate in care activities	210/1280	(16.4)
Risk management concerns	200/1282	(15.6)
Degree of transparency of quality information enabling patients to compare	184/1278	(14.4)
Privacy/Health Insurance Portability and Accountability Act concerns	180/1284	(14.0)
Differences in language between patient and healthcare provider	156/1289	(12.1)
Cultural differences between patient and healthcare provider	119/1289	(9.2)
Leadership commitment to PFE activities	119/1288	(9.2)
Support for PFE from hospital administrators	109/1285	(8.5)
The literature/evidence supporting the usefulness of PFE	98/1275	(7.7)

Implications

There are no prior comprehensive surveys of PFE, so we have few benchmarks against which to compare our results. The Centers for Medicare & Medicaid Services (CMS) records some aspects of PFE at hospitals across the country. It tracks whether lab results, tests and referrals are available electronically to patients; it also compiles patient ratings of how well nurses and doctors communicate with patients (including about medications and what to do during recovery at home).²¹ However, CMS does not collect information on the full range of hospital practices and policies reported here. Thus, our survey represents the best current evidence about what US hospitals are doing to engage patients and families and which barriers pose the most significant challenges. Moreover, it provides an important baseline to assess progress over time. While we believe that the use of PFE practices in hospitals is more extensive now than it was several years ago, significant opportunities to expand the use of PFE practices in American hospitals exist; such an expansion is likely to benefit both patients and the hospitals that care for them. Our findings suggest that this expansion will require changes in the priorities and resource-allocation decisions of hospital leaders. These changes are more likely if research continues to demonstrate the positive impacts of PFE practices on patients and hospital operations.

Original research

Limitations

This study has the limitations of any observational study in that it cannot establish any causality between reported barriers and PFE practices. In addition, the sample of respondents is not random; while hospitals that were not sampled or did not respond to the survey were similar to the respondents with respect to important hospital characteristics, respondents may have differed systematically from non-respondents with respect to PFE. Respondent bias is a particular concern because of the low response rate, with fewer than half of surveyed hospitals replying. The response rate and the number of missing responses may also be related to the length and complexity of the survey and might have been improved with additional development and testing. Non-response is also likely correlated with reduced use of PFE, biasing our results towards higher reporting of PFE practices.²² More importantly, because all measures are self-reported by a single individual in the hospital, hospital responses may not correspond to actual implementation, particularly on items in which the PFE practice's definition may be unclear (such as in the example of decision aids discussed above). Related to this, the individual responding differed from hospital to hospital, and his or her position may be related to reporting bias; CEOs may under-report strategies of which they are unaware (eg, teach-back to patients). Thus, an important limitation is that our survey results may misstate the actual use of PFE strategies and policies in the surveyed hospitals; however, we think it is more likely that our results overstate rather than understate the use of PFE practices. A final limitation is that while we strove to identify all areas of PFE for inclusion in the survey by researching the literature and receiving input from external experts, in retrospect, there are PFE practices that were omitted (eg, live translation services).

Future research

Further research examining PFE strategy use is warranted, given the variable rates of PFE reported. It is possible that some of these hospitals may engage patients and family members through informal processes not captured in the questions we asked. For example, a hospital could have a policy of limited visiting hours, but staff might allow family members to see patients at any time. Related to this, and as mentioned above, there may be additional practices at hospitals that were not included in our survey questions, and efforts should be made to identify and measure these. Parallel work by others, for instance, has identified additional practices. ²³

Research to better determine which PFE activities are genuinely helpful is also warranted. Measures of how well PFE strategies are being implemented will provide useful data to hospitals and allow researchers

to better understand how well-executed PFE strategies are influencing outcomes and patient experiences.

Despite the limitations of this study, it provides the clearest picture thus far of how extensively US hospitals are employing common PFE strategies and which barriers are the largest impediments to progress.

CONCLUSION

This is the first study to assess what tactics US hospitals currently employ in order to engage with patients and their family members in patient care. We found that about half of US hospitals were fully engaged in 9 or more of 25 PFE strategies for which there is expert consensus. Some key practices have been widely adopted. Efforts to promote these practices need to continue and be coupled with assistance to ensure that PFE activities are genuinely beneficial instead of simply perfunctory. Variance in adoption can be explained by factors associated with leadership choices and resource-allocation decisions. Because increased PFE use is associated with improved patient outcomes, higher patient ratings of hospital quality and decreased use of healthcare services, it is recommended that hospitals make PFE practices a priority. Moreover, creating measures that will allow hospital leaders to determine whether the PFE practices they are using have genuine value is essential. Aligning incentives for PFE to measures of the efficacy of PFE practices, rather than to the mere existence of PFE practices, will yield better outcomes for patients and better health policy.

Contributors JH performed data analysis and interpretation and helped draft the manuscript. KH helped with data acquisition efforts and drafting the manuscript. KK helped create the survey and assisted in sending out the survey and data acquisition. He also helped with data analysis, data interpretation and the drafting of the manuscript. SH helped create the survey and assisted in data analysis, data interpretation and drafting the manuscript. MJ helped create the survey and assisted in data analysis and drafting the manuscript. DF helped create the survey and assisted in data malysis and drafting the manuscript.

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APPENDIX A

Names of experts consulted:

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Jana Beth Deen, R.N., B.S.N., J.D.
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Helen Haskell, M.A.B.
Beverly Johnson
Kathryn Leonhardt, M.P.H., M.D.
Gregory Makoul, M.S., Ph.D.
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Shoshanna Sofaer, M.P.H., Dr.P.H.

PATIENT AND FAMILY ENGAGEMENT SURVEY

1.	Has the hospital conducted a forma family engagement practices are us		o dete	ermine the extent to w	hich various patient and
	☐ Yes, within the last 12 months	☐ Yes, more	e thar	n 12 months ago	□ No
<u>Th</u>	is group of questions relates to h	now the hospital p	<u>oartn</u>	ers with patient and	d family advisors.
2.	Does your hospital have a patient advisory council that is hospital-wount or units of the hospital, or no patient and family advisory council. Hospital-wide Only in one or more units, but no (Skip to question 7) There are no patient and family a (Skip to question 7)	ride, only in a hospital-wide sil? ot hospital-wide		ouncil met in the last	e(s) patient and family advisory
3.	Does the patient and family advisory bylaws or a written charter? Yes No	council have	a [ow long has the hospidvisory council? Less than 12 mo 12 months to 24 More than 24 mo	months
7.	This question lists committees and vename for its committee/workgroup, Quality Council. The closest match venames are supplied to the closest match venames and venames are supplied to the closest match venames and venames are supplied to the closest match venames are supplied to th	please choose the	closes	t match. For example	, your hospital may have a
gro	r each committee/work group, please oup is led or co-led by a patient or far embers that serve on the committee/	nily member, and (3			
	Committee or Work Group	(1) This Committee/\ Group exists in hospital		(2) Led or Co-led by Patient or Family	(3) There are at least TWO patients or family members that serve on

No

Yes

No

Yes

Committee/Workgroup

Yes

Facility Design						
Patient Experience						
Patient/Family Education						
Hospital's Board of Trustees						
Board Quality and Patient Safety Committee						
Committee or Work Group	This Comi Group	(1) mittee/Work exists in this nospital	(2) Led or Co- Patie Fan Men	nt or nily	members t	
	Yes	No	Yes	No	Yes	No
Quality/Performance Improvement/Patient Safety Teams Please specify projects or teams						۵
Other, please specify:						
This group of questions relates to famil	y presence	 (visitor) policie	s and praction	<u>:::::::::::::::::::::::::::::::::::::</u>		
 8. Is there a written policy that support members or other partners in care to Yes 9. Please indicate whether or not the haday, to hospitalized patients by fair Exists across all units 	hey would (a	and would not) No a policy or guiver partners in a	like to have	actively facilitate	involved in their of the interestricted according to the involved in the involved in the involved in the interestricted according to the involved in the invol	care?
(Skip to question 10) For each of the following hospital units facilitate unrestricted access, 24 hours to patient preference.	•		or not the ho	spital ha		
Unit	Т	his Unit Does N This Ho			Has a Policy/Guid Facilitate Unrestr Yes	
Behavioral Health (Substance Abuse, N Health, Psychiatric)	/lental					
Emergency Department						
Maternity Unit						
Medical Unit						\Box

Surgic	al Unit					
Pediat	ric Unit					
Other	(Non-ICU) Specialty Units					
Corona	ary Care Units (CCU)					
Medica	al Intensive Care Units (MICU)					
Neona	ital Intensive Care Units (NICU)					
Pediat	ric Intensive Care Units (PICU)					
Post A	nesthesia Care Unit (PACU)					
Surgic	al Intensive Care Units (SICU)					
Other	ICU Unit					
Other	Unit					
exp info	ople become involved in decision making oplicit the decision that needs to be maderimation about treatment options and opping the patient clarify personal values.	de, providing utcomes, and A forn pi ai	rovides all ids for vario	ral hospital service that patients with decision ous health conditions re provided to patients	Yes	No
	No (Skip to question 12 noes the hospital calculate readability level ospital (using tools such as Kincaid, Flesting Yes No	els or scores of any in		al health materials distri	buted by	the
con	es the hospital consistently provide non- livey important information to patients ormation and services needed to make a Picture Books Video Tapes	with limited ability to propriate health dec	to obtain, bisions? es [process or understand No No	-	
	Audiotapes or multi-media pres	entations 🖵 Ye	es L	No		

different languages.			
Yes No Both written and non-written materials			
Just written materials			
Just non-written materials			
15. In general (exceptions being the right to access psychotherapy, notes of litigation and records the provider determines could result in harm to you examine their health record while they are in the hospital?			
lacksquare Patients can examine their health records anytime while in the hospital.			
Patients can examine their health record by appointment only or in cons	sultation with t	heir phys	ician.
Patients are not allowed to examine their health record while in the hos	pital.		
16. Is information given to patients on how to access their health rec	ord?	Yes	☐ No
17. Please indicate whether or not patients can update the following	information i	n their h	ealth record.
17. Please indicate whether or not patients can update the following	information i	n their h	ealth record. Not Applicab
17. Please indicate whether or not patients can update the following Who the patient's preferred family or partners in care are			
	Yes	No	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information Progress notes	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information Progress notes Family medical history	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information Progress notes Family medical history Allergic episodes	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information Progress notes Family medical history Allergic episodes Lab test results	Yes	No 🔲	
Who the patient's preferred family or partners in care are How family or care partners may participate in care and decision making Demographic information Progress notes Family medical history Allergic episodes Lab test results Do not resuscitate (DNR) orders	Yes	No 🔲	
Who the patient's preferred family or partners in care are	Yes	No 🔲	

This group of questions relates to practices used at the bedside.

Yes, across all units	es, across some units \square N	lo, not in any hos	oital unit		
(Skip to question 20)	(Skip	kip to question 20)			
For each unit listed below, please indicate whet participate in the nurse bedside change of shift	-	members are en	couraged to		
Unit	This Unit Does Not Exist in This Hospital	are encour in the nurs	or family members aged to participate se bedside change shift report		
	·	Yes	No		
Behavioral Health (Substance Abuse, Mental Health, Psychiatric)					
Emergency Department					
Maternity Unit					
Medical Unit					
Pediatric Unit					
Surgical Unit					
Other (Non-ICU) Specialty Units					
Coronary Care Units (CCU)					
Medical Intensive Care Units (MICU)					
Neonatal Intensive Care Units (NICU)					
Pediatric Intensive Care Units (PICU)					
	-	1			
Unit	This Unit Does Not Exist in This Hospital	are encour in the nurs	or family members aged to participate se bedside change shift report No		
Post Anesthesia Care Unit (PACU)					
Surgical Intensive Care Units (SICU)					
Other ICU Unit					
Other Units					
20. Are multidisciplinary rounds (planning and chealth disciplines) consistently conducted a Yes, across all units (Skip to question 21)	at the bedside with patients and, across some units \Box No,		rs?		

For each of the following units, please indicate whether or not multidisciplinary rounds (planning and evaluating patient care with health professionals from a variety of health disciplines) are consistently conducted at the bedside with patients and/or family members.

Unit	This Unit Does Not Exist in This Hospital	Multidisciplinary round conducted at the beds and/or family member	ide with patients
Behavioral Health (Substance Abuse, Mental Health, Psychiatric)			
Emergency Department			
Maternity Unit			
Medical Unit			
Pediatric Unit			
Surgical Unit			
Other Non-ICU Specialty Units			
Coronary Care Units (CCU)			
Medical Intensive Care Units (MICU)			
Neonatal Intensive Care Units (NICU)			
Pediatric Intensive Care Units (PICU)			
Post Anesthesia Care Unit (PACU)			
Surgical Intensive Care Units (SICU)			
Other ICU Unit			
Other Units			

21.	How often are patients' <u>daily</u> care objectives listed on a white board (also known by the terms marker board, dryerase board, dry-wipe board, pen-board) in their room?	Never	Seldom	Sometimes	Often	Always
22.	How often do patients or family members add their own notes to the white boards?					
23.	How often is the white board reviewed with the patient and family?					
24.	Does the hospital provide a way for patients and their fa Team (RRT)?	milies to o	call for assis	tance from a R	apid Res	sponse
	 The hospital does not have a Rapid Response Team (RF) Patients or family members can directly call for assistant Patients or family members have to request assistance staff members The hospital has a Rapid Response Team (RRT) but patients 	nce from t	he Rapid Re apid Respor	esponse Team se Team (RRT)	through	hospital
25.	How long have you had a policy for families to be able to 12 months or less More than 12 months	activate	Rapid Respo	onse Teams?		
26.	Is information shared with families and other partners in Rapid Response Teams? Yes No	care on h	now to activ	ate or request a	assistand	e from
27.	On average, over the past 12 months, how many rapid by patients or family members each month?	response	calls were	either activate	d or req	uested
	 0 1 every other month 1 a month 2 to 3 a month More than 3 a month 					

to the health care provider in again.	n their own wo	rds. If need	led, the health o	care provid	er can re-exp	olain and check	
Unit	Never	Seldom	Sometimes	Often	Always	This Unit Does Not Exist in the Hospital	
Behavioral Health (Substance Abuse, Mental Health, Psychiatric)							
Emergency Department							
Maternity Unit							
Medical Unit							
Pediatric Unit							
Surgical Unit							
Coronary Care Units (CCU)							
Medical Intensive Care Units (MIC							
Neonatal Intensive Care Units (NI	CU)						
Pediatric Intensive Care Units (PIC							
Post Anesthesia Care Unit (PACU)							
Surgical Intensive Care Units (SIC	U) 🔲						
29. Does the hospital have a formal policy for disclosing and apologizing for medical errors to patients and families?							
32. When a root cause analysis members of the root cause This group of questions relates to education.	analysis tean	n? 🔲	Yes No	0	·		
33. Does the hospital provide tra	aining for phys	icians, nurs	ses and other cl	inical staff	on partnerin	g with patients and	

How frequently is teach-back used during the discharge planning process in each of the units listed below? Teach-back is a way to confirm that the health care provider has explained what the patient needs to know in a manner that the patient understands. Patients understanding is confirmed when they accurately explain it back

28.

families in the care plan decision-making process?

	Physician Training]					
	Nurse Training]					
	Other Clinician Tra	ining]	-				
a	or each of the follow s educators or conte articipate in that tra	ent dev	elope	rs in the tı									
	Training Area		Physician Training			Nurse Training			Other Clinical Staff Training			Patients or family members do not participate as educators or content developers in this training area	
Nowe			Yes	No	Ye		No		es	No			
	mployee orientation vice education for			<u> </u>		l	Ц	l				<u> </u>	
	nical staff					Ì		[
Progra	ms for medical staff	:						[
an pla	ering with patients d families in the car an decision-making ocess	е				1		[_				
	Vhat proportion of the vith patients and fam		the c	are plan c	lecision-ma	king p		s?			_	partnering	
		0%		etween and 25%	Betwe 26% and		5	Betwee 1% and			veen nd 99%	100%	
Physi	cians								. • / •]		
Nurse	es												
Other	Clinicians										<u> </u>		
	or each of the follow hysicians, nurses an							with pat	ients.	raining p		o	
	Patient Com	munic	ation	Training		F	hysic		1	ses		Clinical	
						Ye		No	Yes	No	Yes	Staff No	
How	to encourage patien	ts and	famil	ies to ask	questions								
	to encourage patien			ies to give	their								
Appr	oaches for eliciting t amilies			patients a	and]						
	oaches for eliciting t	he goa	als of p	oatients ar	nd families)						
	oaches for eliciting t amilies	he nee	eds of	patients a	nd								

Don't Know

Yes

No

How to create opportunities to hear from patients and family members about their perspective of the care experience at the hospital			
How to respond when people complain			
How to involve patients and families in process improvement, redesign work, and/or committees			
Using teach-back methods			
Disclosing and apologizing for medical errors			

The next group of questions relate to barriers to implementing patient and family engagement practices and monitoring and measuring engagement strategies.

37. Please rate each item below as to your perception of the degree it presents a barrier to your hospital in implementing patient and family engagement strategies on a scale ranging from 1 (no barrier) to 5 (significant barrier).

Barrier	No Barri				Significant Barrier
	er		_		
	1	2	3	4	5
Differences in language between patient and health care provider					
Cultural differences between patient and health care provider					
Leadership commitment to patient and family engagement activities					
Amount of financial support for patient and family engagement activities					
Support for patient and family engagement from clinicians					
Support for patient and family engagement from hospital administrators					
Training of clinical providers in how to engage with patients					
Availability of clinical information systems					
Patient's willingness to participate in care activities					
The literature/evidence supporting the "usefulness" of patient and family engagement practices					
Time available for rounds, change of shift, etc.					
Time it takes to set up and implement advisory programs					
Privacy/HIPAA concerns					
Risk management concerns					
Competing organizational priorities					
Degree of transparency of medical cost information enabling patients to compare the price of health care services and					

	products so they can make informed choices among doctors and hospitals					
Deg	gree of transparency of quality information					
	enabling patients to compare the quality of health care services					
38.	Please indicate whether or not each of the track the implementation of patient and fa	mily engage	_	•	Yes	ital to
	The number of advisory councils across the	•				
	Ratio of patient and family members to staff	•				
	Number of patient and family advisors servi Improvement (QI) teams	ng on comm	littees or Qu	ality		
	Number of staff trained in partnering with fa	amilies				1
	Number of staff trained in communicating to engagement	o support pa	tient and fa	mily		
	Changes in patients' ratings of hospital care strategies are implemented					
	Changes in clinical process and outcomes a strategies are implemented			_		
	Changes in market or financial performance strategies are implement	e as patient a	and family e	ngagement		
	Other (please specify)					
39.	What is your position in the hospital? Chief Executive Officer Chief Operating Officer Chief Medical Officer (Compared to the compared to t	CMO)				
	Utilet (Please specify)					

ractices