Speaking up about care concerns in the ICU: patient and family experiences, attitudes and perceived barriers

Sigall K Bell,1 Stephanie D Roche,2 Ariel Mueller,3 Erica Dente,4 Kristin O’Reilly,2,5 Barbara Sarnoff Lee,6 Kenneth Sands,1,2,5 Daniel Talmor,3,5 Samuel M Brown7,8

ABSTRACT

Background Little is known about patient/family comfort voicing care concerns in real time, especially in the intensive care unit (ICU) where stakes are high and time is compressed. Experts advocate patient and family engagement in safety, which will require that patients/families be able to voice concerns. Data on patient/family attitudes and experiences regarding speaking up are sparse, and mostly include reporting events retrospectively, rather than pre-emptively, to try to prevent harm. We aimed to (1) assess patient/family comfort speaking up about common ICU concerns; (2) identify patient/family-perceived barriers to speaking up; and (3) explore factors associated with patient/family comfort speaking up.

Methods In collaboration with patients/families, we developed a survey to evaluate speaking up attitudes and behaviours. We surveyed current ICU families in person at an urban US academic medical centre, supplemented with a larger national internet sample of individuals with prior ICU experience.

Results 105/125 (84%) of current families and 1050 internet panel participants with ICU history completed the surveys. Among the current ICU families, 50%–70% expressed hesitancy to voice concerns about possible mistakes, mismatched care goals, confusing/conflicting information and inadequate hand hygiene. Results among prior ICU participants were similar. Half of all respondents reported at least one barrier to voicing concerns, most commonly not wanting to be a ‘troublemaker’, ‘team is too busy’ or ‘I don’t know how’. Older, female participants and those with personal or family employment in healthcare were more likely to report comfort speaking up.

Conclusion Speaking up may be challenging for ICU patients/families. Patient/family education about how to speak up and assurance that raising concerns will not create ‘trouble’ may help promote open discussions about care concerns and possible errors in the ICU.

INTRODUCTION

Although patients and families are increasingly considered part of the ‘care team’ and encouraged to participate in care and in safety,1–3 little is known about patient and family comfort with voicing concerns in real time to clinicians. Yet fostering comfort for patients and families to voice concerns is central to patient-centred care,4 including understanding the risks and benefits of care and participating in shared decision-making and informed consent. In addition, speaking up about care concerns may contribute to patient safety as part of an overall safety culture.5 For example, families—vigilant stakeholders—may be the first to detect a change in a patient’s clinical status. Also, as the ‘common thread’ uniting care encounters, patients and families may improve continuity of care among team members, or convey key information that clinicians may have overlooked.6 Finally, patients and families can detect errors, even those not apparent to clinicians.7–10

Supporting patients and families to voice concerns may be particularly important in the intensive care unit (ICU),11 which provides high-intensity, high-acuity, error-prone and preference-sensitive care to millions of patients annually, amounting to 13% of hospital costs and 4% of national health expenditures in the USA.12 But voicing concerns in the ICU can be problematic for patients and families: the physical environment may be perceived as strange or dangerous, patients are at high risk of death, power asymmetries are extreme, multiple clinicians and teams are involved, and the complexity of care may be overwhelming. Patients and families may hesitate to confront clinicians—the individuals they rely on for treatment—and they may fear negative repercussions if they speak up.13 14 Acute illness may also decrease comfort voicing concerns.15 16
At the same time, staffing ratios may enable closer relationships between families and clinicians, with unpredictable effects on speaking up. Holding one’s voice may have traumatic consequences for patients and families, including guilt and loss stemming from preventable errors or deaths, suffering unwanted care, poor quality of dying, or psychological injury as a part of post-ICU syndrome.17–21

The potentially devastating effects of ‘silence’ when speaking up is needed22 23 have led to focused attention on speaking up as part of safety culture.24 25 Although speaking up among clinicians improves team performance,26 27 outcomes have been less thoroughly studied for patients and families.28–32 Nonetheless, empowering patients and families to ‘stop the line’ when something is wrong seems prudent, particularly given their unique knowledge of the patient, accounts of families who ‘knew something was not right’ before a harmful event,14 33 and the potential to prevent catastrophic outcomes such as serious medication errors.34 Safety and engagement experts identify assessment of patient and family comfort with speaking up as a critical next step in improving safety culture,2 34 35 building on recent metrics developed for clinicians25 36 and initiatives that encourage patients and families to raise concerns about possible care breakdowns and mistakes.37–39 While conceptual models of voice and silence have proven multidimensional and complex,25 40 41 factors influencing voice among professionals have been described.42 43 These include hierarchy, lack of experience or skills speaking up, quality of relationships among involved persons, clinical environment characteristics, psychological safety, and personal factors such as assertiveness.44–49 Although several of these factors may apply to patients and families, other unique issues may play a role, and this question is not well studied. We therefore aimed to assess patient/family comfort voicing concerns in a high-stakes, dynamic environment. We approached the problem in a collaborative manner that included members of our patient and family advisory council (PFAC) as partners from beginning to end, working to address three core research questions:

1. What proportion of ICU patients/families report feeling comfortable voicing concerns about common ICU issues?
2. What are the most common patient and family self-reported barriers to voicing concerns in the ICU?
3. What patient/family factors are associated with greater likelihood of self-reported comfort voicing concerns in the ICU?

METHODS

Participants

Current ICU family cohort

From July 2014 to February 2015, we conducted a survey of adult family members of patients admitted to the ICU at our north-east US urban academic medical centre. The survey was administered by trained research assistants who visited the ICUs and ICU waiting rooms hourly between 09:00 and 18:00 on weekdays to identify available family members who met the eligibility criteria: adults (ages 18–89) living in the USA who could communicate in English and had a loved one admitted to the ICU. Family members who agreed to participate were given an electronic tablet on which to complete the survey independently, and the research assistant returned to collect the tablet when the participant finished.

ICU admission history—internet panel participants

Because our current ICU family cohort was limited to a single hospital in the north-east USA, we identified a national internet cohort of individuals with self-reported ICU experience within the last 10 years, to whom we administered the same survey. Given expected differences related to mode of administration, acuity of exposure to the ICU experience and broader cultural differences, we did not compare the two cohorts statistically: the internet cohort was intended to qualitatively confirm and extend our findings from the current ICU family cohort, with a more feasible approach to enrolment of a large number of respondents. The internet-based survey was administered via Qualtrics (Provo, Utah), an internet survey firm that uses standard empanelment procedures to recruit sample populations for marketing, quality assurance and medical research.50

Survey design

We developed the survey instrument collaboratively with representatives from the medical centre’s PFAC and a multidisciplinary team of experts in communication, patient engagement, ICU care, clinical research and patient safety. In this paper, we report the results of survey items focused on patient and family comfort voicing concerns in the ICU setting. Our detailed, iterative survey development methodology, along with the results of other items and/or instruments administered during the overall survey, has been published elsewhere.51 We conducted cognitive testing of survey items with PFAC members and iteratively improved the survey via seven subsequent reviews by the PFAC and content experts. Several attention questions were built into the final survey, such that responses with incorrect answers were excluded. Surveys with more than 20% missing items were also excluded.

With input from our PFAC members, we developed survey items evaluating patient and family comfort voicing concerns about eight common ICU topics, such as medications, conflicting or confusing information, and concern about a possible mistake. We asked respondents the extent to which they would feel comfortable speaking up in these situations using a 4-point Likert-style item ranging from ‘very uncomfortable’ to ‘very comfortable’. We also asked why participants might hesitate to voice concerns, using
items identified from a literature review and discussions with patient/family advisors. While some clinical scenarios call for voicing concerns as part of patient-centred care, others, such as notifying clinicians about possible mistakes, involve voicing concerns as part of safe care. We use the term ‘speaking up’ for simplicity when referring to the collective comfort with voicing concerns to the care team about several aspects of ICU care, some of which include safety issues. We collected demographic information including age, sex, ethnicity, education, and whether the participant, or a close friend or family member, works in healthcare. Relevant portions of the survey instrument are available in the online supplementary appendix A.

Statistical methods
Using SAS V9.3, we calculated the descriptive statistics of the data. For the first research question—patient and family comfort voicing concerns in eight ICU conversations—we conducted univariate analysis of the eight speaking up items. For this analysis, we dichotomised ‘very comfortable’ versus remaining responses since all other answer choices indicated some degree of hesitancy to voice concerns. We analysed responses to each item separately to assess any variance in patient-reported and family-reported comfort voicing concerns about each of these ICU conversations.

For the second research question—barriers to voicing concerns—we used descriptive statistics to summarise the number of and the most common barriers selected by participants.

For the third research question—patient and family factors associated with comfort voicing concerns—we first assessed the possibility of summarising the eight speaking up items (measured on a 4-point Likert-style scale) as a single ‘Speaking Up’ score through principal component analysis (PCA) and calculation of Cronbach’s alpha to test internal consistency. On PCA of the speaking up items, only the first principal component was retained, and it accounted for 55% of the variance (see online supplementary appendix B). Cronbach’s alpha was 0.88, suggesting high internal consistency. Based on these results, we collapsed the eight items into a single summary score and used this measure as the outcome of interest for multiple linear regression. We used the adjusted $R^2$ method for model selection targeted to Akaike information criteria. Our prespecified candidate variables (based on available demographic data) included age, sex, ethnicity, education, whether the participant works in healthcare, or had close friends or family that work in healthcare, and the EuroQol-5 dimensions (EQ-5D) utility (a brief measure of quality of life).

Ethical considerations
All participants provided implied consent prior to answering the survey. In-person survey participants did not receive compensation. Internet survey respondents were compensated following the standard Qualtrics method ($1 per completed survey).

RESULTS

Respondents
A total of 105/125 (84%) patients and family members completed the in-person surveys. In the internet panel, 2100 returned usable surveys. Among these, 1050 reported a prior ICU admission and were included in our analysis (figure 1). Respondent characteristics are displayed in table 1. Participants were predominantly middle-aged (median age 49), female (69%) and of white race (85%).

Comfort voicing concerns
Among current ICU families, participants reported varying degrees of comfort voicing concerns in common ICU situations (table 2), with 69% of families reporting they were very comfortable discussing medications and 31% reporting they were very comfortable discussing hand hygiene. About a third of current ICU family members were very comfortable discussing mismatched care goals, including disagreements where they or their loved one wanted care that was more (31%) or less aggressive (35%) than the team proposed. Approximately half of the current ICU family members felt very comfortable asking for clarification of confusing or conflicting information (52%), or discussing a possible mistake in care (46%). Findings overall showed similar trends between current families and participants reporting a prior ICU experience (table 2).

Barriers to voicing concerns
In total, 16/103 (16%) current ICU families and 181/1050 (17%) prior ICU participants reported they did not have concerns. Among all remaining respondents, about half (504/956, 53%) provided at least one reason for hesitating to speak up. Invited to select up to three reasons, current ICU families selected a mean of 1.6 reasons (SD 0.81) and prior ICU participants selected a mean of 1.8 reasons (SD 0.83). Participants across both groups most commonly selected ‘I don’t want to be labeled as a ‘troublemaker’’ (34%); ‘the team is too busy’ (32%); ‘I don’t know how to raise my concern or who to talk to’ (32%); ‘I am afraid of seeming like I don’t understand medical concepts’ (23%); and ‘I don’t want to harm my relationship with members of the medical team’ (21%) (table 3). While the top 5 responses were the same across groups, compared with internet participants, family members of current ICU families more commonly reported the care team’s time constraints and fear of inadequate medical knowledge as a barrier. Internet participants more commonly reported they would hesitate because they did not know how to speak up, because ‘nothing would be done about my concerns’ or because ‘it isn’t my place to question the team’.
Patient/family factors associated with comfort voicing concerns

In multivariable regression of the speaking up score, older age, female sex and working in healthcare (all \( p<0.05 \)) were positively associated with greater reported comfort voicing concerns, although with modest effects (online supplementary appendix C).

DISCUSSION

Our study of patient and family comfort speaking up in the ICU—the first to our knowledge to address this issue—revealed that challenges to speaking up may be substantial during an ICU stay. Overall, 50%–70% of current ICU admission patients and families expressed hesitancy to voice concerns in real time about some common care situations with safety implications, including a possible mistake or mismatched goals related to aggressiveness of care desired by patient/family versus delivered by the care team. We were surprised to find substantial deficits in patient/family comfort voicing concerns, even in ‘life or death’ settings of the ICU, where the need to speak up may be particularly dire. Patients and family reported some barriers to comfort speaking up in the ICU that were similar to clinicians’ and some that were unique.\(^24\)\(^43\)\(^47\)\(^55\) Although the study focused on families at one north-east US hospital, overall responses were similar among respondents in a national internet panel of patients and families with prior ICU admissions across the USA. Given the high risks of errors, the exquisite preference sensitivity and the fraught dynamics of the ICU, we estimate that the ICU is one of the most important settings for optimising speaking up opportunities for patients and families.
Using a survey instrument developed with patients and families to reflect what matters most to them in terms of challenging ICU conversations and barriers to voicing concerns, our data provide key new evidence for healthcare organisations and clinicians to consider as they design and evaluate interventions to improve safety, quality and patient-centred care in the ICU, and have several practice implications. First, true partnerships with patients and families may be limited if they do not feel comfortable voicing concerns. Initiatives

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Participant demographics</th>
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<tbody>
<tr>
<td>Overall n=1155</td>
<td>Current ICU admission n=105</td>
</tr>
<tr>
<td>Age (years)*</td>
<td>47.3 (14.1)</td>
</tr>
<tr>
<td>Female</td>
<td>790 (68.4)</td>
</tr>
<tr>
<td>Ethnicity</td>
<td></td>
</tr>
<tr>
<td>White/Caucasian</td>
<td>979 (84.8)</td>
</tr>
<tr>
<td>Black/African–American</td>
<td>84 (7.3)</td>
</tr>
<tr>
<td>Latino/Hispanic</td>
<td>38 (3.3)</td>
</tr>
<tr>
<td>Asian</td>
<td>38 (3.3)</td>
</tr>
<tr>
<td>Other</td>
<td>12 (1.0)</td>
</tr>
<tr>
<td>Highest level of education</td>
<td></td>
</tr>
<tr>
<td>High school graduate (or equivalent) or less</td>
<td>295 (25.5)</td>
</tr>
<tr>
<td>Some college (1–4 years, no degree) or associate’s degree</td>
<td>448 (38.8)</td>
</tr>
<tr>
<td>Bachelor’s degree or higher</td>
<td>409 (35.4)</td>
</tr>
<tr>
<td>Works in healthcare</td>
<td>88 (7.6)</td>
</tr>
<tr>
<td>Close family member or friend works in healthcare</td>
<td>412 (35.7)</td>
</tr>
<tr>
<td>EuroQol-5 dimensions (EQ-5D) utility index*</td>
<td>0.8 (0.2)</td>
</tr>
<tr>
<td>EuroQol-5 dimensions (EQ-5D) Visual Analogue Scale*</td>
<td>74.1 (19.9)</td>
</tr>
<tr>
<td>Region</td>
<td></td>
</tr>
<tr>
<td>North-east</td>
<td>315 (27.3)</td>
</tr>
<tr>
<td>Midwest</td>
<td>–</td>
</tr>
<tr>
<td>South</td>
<td>–</td>
</tr>
<tr>
<td>West</td>
<td>–</td>
</tr>
<tr>
<td>Unknown</td>
<td>–</td>
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</tbody>
</table>

*Presented as mean (SD); the remaining variables are presented as n (%), using the denominator indicated in the column header.

Using a survey instrument developed with patients and families to reflect what matters most to them in terms of challenging ICU conversations and barriers to voicing concerns, our data provide key new evidence for healthcare organisations and clinicians to consider as they design and evaluate interventions to improve safety, quality and patient-centred care in the ICU, and have several practice implications. First, true partnerships with patients and families may be limited if they do not feel comfortable voicing concerns. Initiatives

<table>
<thead>
<tr>
<th>Table 2</th>
<th>Proportion of participants reporting they were ‘very comfortable’ speaking up in specific ICU conversations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICU conversation*</td>
<td>Overall n=1155</td>
</tr>
<tr>
<td>How comfortable would you be asking a member of your medical team: (% very comfortable)</td>
<td></td>
</tr>
<tr>
<td>To review with you the name, dose or reason for medications when they are administered (to be sure they are correct)?</td>
<td>811 (70.2)</td>
</tr>
<tr>
<td>Whether he/she has cleaned his/her hands?</td>
<td>481 (41.6)</td>
</tr>
<tr>
<td>For a meeting with the healthcare team to review your loved one’s health status?</td>
<td>726 (62.9)</td>
</tr>
<tr>
<td>About concerns you may have regarding your loved one’s medical care?</td>
<td>779 (67.4)</td>
</tr>
<tr>
<td>To discuss a disagreement where you or your loved one wants less aggressive medical care than the team is proposing?</td>
<td>520 (45.0)</td>
</tr>
<tr>
<td>To discuss a disagreement where you or your loved one wants more aggressive medical care than the team is proposing?</td>
<td>504 (43.6)</td>
</tr>
<tr>
<td>About a possible mistake in your loved one’s medical care?</td>
<td>624 (54.0)</td>
</tr>
<tr>
<td>To clarify if he/she gives you confusing information?</td>
<td>746 (64.6)</td>
</tr>
<tr>
<td>Overall comfort</td>
<td></td>
</tr>
<tr>
<td>Speaking up summary score†</td>
<td>27.3 (4.4)</td>
</tr>
</tbody>
</table>

*Respondents rated their comfort speaking up in each conversation on a scale from 1 to 4. Here we present the number (and percent) of respondents who selected a comfort level of 4 (‘very comfortable’) for the specified conversation.

†Presented as mean (SD). Possible range: 8–32.

ICU, intensive care unit.
to promote shared decision-making (particularly about care goals), family involvement in interdisciplinary rounds, and other elements of patient and family engagement may have limited impact if they do not also actively and intentionally support voicing concerns in real time.

Second, our findings highlight specific clinical situations that merit focused attention. In addition to hand hygiene, patients and families were least comfortable speaking up about disagreements where they/those who had concerns indicated one or more reasons why they would hesitate to speak up and 394/869 indicated that they would not hesitate to speak up.

Third, patient-reported barriers to voicing concerns indicate targets for improvement. We were surprised that not knowing who to talk to about concerns—a readily actionable issue—was among the most common barriers reported by patients and families, alongside ‘not wanting to be a troublemaker’. Clear and systematic instructions about whom to contact with concerns are a critical first step. Culturally reframing speaking up more positively—from ‘causing trouble’ to being an ‘engaged team member’ or ‘upstander’—may also help. Our findings suggest that patients and families may need greater support to offset concerns about potential negative relational repercussions from speaking up, similar to findings from studies focused on clinicians-in-training who may hesitate to speak up because of a low perceived status in the medical hierarchy, or fear of harming relationships with team members. 

Previously unrecognised barriers unique to patient and family speaking up include the perception that the team is too busy to hear their concerns, and that patients/families may worry about appearing to not understand medical concepts in front of their loved one or the team was proposing. Supporting patients and families to voice their priorities could potentially decrease patient/family distress and, in some cases, even healthcare costs associated with inappropriately aggressive care. The reported reluctance to speak up about hand hygiene, a priority in preventing healthcare-associated infection, in both this and prior studies suggests the need for improved strategies to encourage assertiveness about this issue or alternative approaches to improve clinician hand hygiene. 

Our study participants’ hesitancy to ask about ‘confusing or conflicting information’ may have significant consequences given its previously reported association with the quality of death and dying. Finally, our results highlight the need to explicitly support patients/families to speak up in real time about perceived errors. Although experts call for partnership with patients and families to prevent medical errors, only about half of respondents indicated they would readily speak up about a potential mistake. Given current interest in transparency and patient engagement in safety, helping patients and families speak up in real time is likely an underexplored and undersupported component of effective safety partnerships.

Table 3 Reasons for hesitating to voice concerns among respondents who had concerns

<table>
<thead>
<tr>
<th>Reason(s) I hesitate to tell a member of the medical team about concerns‡</th>
<th>Overall n=504</th>
<th>Current ICU admission n=29*</th>
<th>Prior ICU admission n=475†</th>
</tr>
</thead>
<tbody>
<tr>
<td>I don’t want to be labelled as a ‘troublemaker’.</td>
<td>173 (34.3)</td>
<td>9 (31.0)</td>
<td>164 (34.5)</td>
</tr>
<tr>
<td>The team is too busy for an extra discussion.</td>
<td>162 (32.1)</td>
<td>12 (41.4)</td>
<td>150 (31.6)</td>
</tr>
<tr>
<td>I don’t know how to raise my concern or who to talk to.</td>
<td>159 (31.5)</td>
<td>6 (20.7)</td>
<td>153 (32.2)</td>
</tr>
<tr>
<td>I am afraid of seeming like I don’t understand medical concepts.</td>
<td>114 (22.6)</td>
<td>9 (31.0)</td>
<td>105 (22.1)</td>
</tr>
<tr>
<td>I don’t want to harm my relationship with members of the medical team.</td>
<td>104 (20.6)</td>
<td>7 (24.1)</td>
<td>97 (20.4)</td>
</tr>
<tr>
<td>Nothing would be done about my concerns.</td>
<td>92 (18.3)</td>
<td>1 (3.4)</td>
<td>91 (19.2)</td>
</tr>
<tr>
<td>It isn’t my place to question the team.</td>
<td>78 (15.5)</td>
<td>1 (3.4)</td>
<td>77 (16.2)</td>
</tr>
<tr>
<td>I don’t want to get the healthcare provider in trouble.</td>
<td>21 (4.2)</td>
<td>2 (6.9)</td>
<td>19 (4.0)</td>
</tr>
<tr>
<td>Other§</td>
<td>19 (3.8)</td>
<td>3 (10.3)</td>
<td>16 (3.4)</td>
</tr>
</tbody>
</table>

*In the current family cohort, 27/105 individuals did not respond to this question and 16/103 participants did not have concerns. Among the remaining respondents, 29/87 who had concerns indicated one or more reasons why they would hesitate to speak up and 58/87 indicated that they would not hesitate to speak up.

†Among internet participants, 181/1050 did not have concerns. Among the remaining respondents, 475/869 individuals who had concerns indicated one or more reasons why they would hesitate to speak up and 394/869 indicated that they would not hesitate to speak up.

§'Other’ responses included confusion or inability to remember questions, shy personality, perception that team is not interested or doesn’t care, fear of retribution and lack of privacy/family dynamics.

ICU, intensive care unit.
such as health literacy and health status, may also help inform organisational strategies.

Educational and logistical mechanisms to help patients and families voice concerns should emphasise that safety issues are vital, even if clinicians appear busy. Education programmes that instruct family members on how to assist with the care of critically ill patients can underscore the unique knowledge held by families, the importance of speaking up and the specific mechanisms for doing so, as participating in care can foster a sense of belonging to the team or may enable discovery of clinically important information. Family-centred communication training for clinicians should raise awareness about barriers to speaking up, emphasise encouragement of patients and families to speak up, and prepare clinicians to listen meaningfully. Families may also benefit from evidence that speaking up results in meaningful change, a common influencer of speaking up behaviour among healthcare and other professionals. Asking patients to take a risk without visible, positive responses to feedback may be counterproductive. Supporting patients and families in these ways can also send a powerful message to patients and clinicians about institutional priorities related to transparency, inclusivity and safety partnership.

Based on our findings of factors affecting voicing concerns, younger individuals, men and those without personal connection to healthcare may especially need support. Other studies suggest that less educated or unemployed patients and those with poorer health may be less likely to speak up. Our analysis did not show the same findings, perhaps because our study was specific to the ICU, because we queried family members as well as patients, or because those with higher formal education were more likely to second-guess themselves or fear negative consequences of voicing concerns. Our reported associations with speaking up should be viewed as exploratory and further examined among larger studies of ICU families, especially in light of the modest performance of the regression model.

Our findings are limited by self-report and subject to social desirability bias. Our primary cohort of current ICU family members was relatively small and surveyed at a single site, limiting generalisability; however, the internet cohort represents a large national sample, and overall trends were consistent across both cohorts. Although we based our list of candidate variables for our regression model on a literature review and discussion with patient and family advisors, it is possible that other factors not collected in our survey influence speaking up. For example, the influence of previous hospitalisations, ICU characteristics such as including families in daily rounds, speaking up climate among clinicians, and broader factors should be further studied. Our research did not interrogate a formal theoretical model, although models describing speaking up among clinicians were used as starting points to guide the enquiry along with input from PFAC members about what matters most to patients and families. We acknowledge that participant self-report may not directly correlate with observed behaviours, and future studies assessing actual patient and family speaking up at the front lines of care and the related clinical outcomes are needed. Finally, our study was not designed to differentiate between patient ICU experience and family ICU experience. Further research may delineate differences in comfort speaking up between these two groups.

CONCLUSIONS

Patients and families report considerable hesitancy to voice concerns in common ICU conversations. About half of all patients and families had some reluctance to speak up about possible mistakes, a finding which may limit both safety and engagement efforts. Patient-perceived barriers to speaking up in the ICU are mechanistic (how to do it), contextual (team is too busy) and cultural (fear of being a troublemaker). Educational strategies should include both encouraging and supporting patients and families to voice concerns with clear steps and a genuine invitation, and preparing clinicians to respond meaningfully when patients speak up.

Author affiliations

1Department of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA
2Department of Health Care Quality, Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
3Department of Anesthesia, Critical Care and Pain Medicine, Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
4Patient and Family Advisory Council, Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
5Center for Healthcare Delivery Science, Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
6Department of Social Work, Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
7Center for Humanizing Critical Care, Intermountain Medical Center, Murray, Utah, USA
8Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, Utah, USA

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