Supporting health professionals after an adverse event in Swiss hospitals: a cross-sectional study

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Summary

STUDY AIM: The aim of this study was to identify the prevalence of organisational structures and processes for the support of second victims in Swiss hospitals.

METHODS: To identify institutional policies and support for health professionals who have been involved in an adverse patient event and become traumatised from the event, we conducted a cross-sectional, multicentre survey study. We targeted Swiss acute care, university and psychiatric hospitals, as well as rehabilitation and specialty clinics. A 13-item questionnaire was used to collect information from hospital quality managers regarding their institutions’ policies and support practices with respect to second victims. Data were analysed using descriptive statistics.

RESULTS: Overall, respondents from 116 hospitals completed the questionnaire (response rate 50.2%). Most institutional respondents reported both that they would like to receive information about adverse events and that their institutions offer related support. Of participating institutions, 60% indicated that they actively inform their personnel about second-victim support possibilities; however, only 31% specifically train supervisory personnel to deliver that support, and only 32% have hospital-specific guidelines in place for second victim support. University, acute care and specialty clinics were more likely to use such guidelines than psychiatric and rehabilitation clinics. Analysis indicated an association between hospital size and the existence of guidelines.

CONCLUSIONS: In Swiss hospitals, second victim support is generally prevalent, but often in an unstructured way. This lack of methodology increases the risk that, following adverse events, both the quantity and quality of support provided to health professionals will be insufficient. A firm commitment on the part of institutional leaders to implement related policies could foster the adoption of high-quality second victim guidelines in Swiss hospitals.

Keywords: adverse events, medical error, second victim support, hospital, patient safety

Introduction

Patient safety is a primary concern of every hospital and its workforce. Combined with the direct harm hospital care errors cause patients, the responsible care professionals commonly suffer lasting psychological damage. However, although hospitals understandably devote tremendous energy to returning the affected patients to health, they tend to focus less on the recovery of these second victims.

Following a patient safety incident, the concepts of medical error, defined as “an unintended act (either of omission or commission) or one that does not achieve its intended outcome” [1] or more tangible “that was a threat to patient wellbeing and should not happen” [2] and adverse event – “an injury caused by medical management (rather than the underlying disease) and that prolonged hospitalisation, produced a disability at the time of discharge, or both” – play important roles [3]. Our 2018 review of hospital studies revealed that one patient in ten is affected by at least one adverse event, half of which are deemed preventable [4]. Supporting this finding, a 2019 meta-analysis determined that around 6% of patients are exposed to preventable harm in medical care [5].

Consequences of an adverse event for involved health professionals and their support

A 2019 study in 32 Dutch hospitals reported that 85.6% of surveyed physicians and nurses had been involved in at least one patient safety incident during their career [6]. Those who are “involved in an unanticipated adverse patient event, in a medical error and/or a patient related injury of considerable severity, defined as ‘an injury caused by medical management (rather than the underlying disease) and that prolonged hospitalisation, produced a disability at the time of discharge, or both’ – play important roles” [3]. Our 2018 review of hospital studies revealed that one patient in ten is affected by at least one adverse event, half of which are deemed preventable [4]. Supporting this finding, a 2019 meta-analysis determined that around 6% of patients are exposed to preventable harm in medical care [5].

Second victims can be impacted physically, emotionally and professionally (table 1). Possible reactions include feelings of guilt [9–13], fear of repeating the error, losing their job, or of legal consequences [10–12], burn-out, loss of confidence, sleep disorders [10, 12–14], problematic medication use, excessive alcohol consumption [15], turnover intentions [15, 16], and absenteeism [16].

Persons
involved in one adverse event show an increased risk of later involvement in others, suggesting that lingering symptoms may manifest as parts of reciprocal cycles, contributing to future suboptimal patient care and error [17]. Because of the weight of potential outcomes, it is crucial that second victims receive systematic support. On the individual level, Seys et al. observed that, although discussions with peers about the event process and the emotional aftermath are much appreciated, further support should also be provided by specially trained managers, supervisors or therapists. In addition, following an event it is vital that professional support be offered as quickly as possible.

At the institutional level, beginning from the detection of an adverse event, second victim support must encompass a clear process that includes improving or replacing failing systems, along with actions to support all involved persons. Each institution’s support system should include training for support personnel, allow referrals to specialists, assure confidentiality regarding the affected health professionals and be available 24/7 [8].

Scott et al. estimated that roughly 60% of second victims receive enough support from work colleagues (peers) or at the departmental level to avoid symptoms. However, another 30% need support from specially trained supporters and 10% need professional counselling [18].

Based on all available evidence regarding adverse events’ negative repercussions on health professionals, current Swiss national guidelines characterise a clear set of aims, recommended organisational structures and desirable features of institutional policy to support involved health professionals [19, 20]. In the US, programmes such as the National Institutes for Health (NIH) “Medically Induced Trauma Support Services” (MITSS) [21], the forYou Team programme of the University of Missouri Health Care [18] and the Johns-Hopkins “Resilience in Stressful Events” (RISE) programme [22] have been designed to tackle the problem from different angles.

In general, the core elements of these programmes include a strong focus on the target organisation’s internal culture, an evaluation of its vigilance regarding possible second victims, the realisation of a multi-disciplinary support team, clear formulation of relevant policies, a clear state-

victims, the realisation of a multi-disciplinary support team, clear formulation of relevant policies, a clear state-
tal policies and activities of supporting health professionals

To address these purposes, working with a variety of Swiss acute care, psychiatric, rehabilitation and speciality institutions, we aimed (1) to identify any general organisational structures and processes in place to support second vic-
tims, and (2) to explore which Swiss hospitals offer specific systematic second victim support programmes.

Materials and methods

For this cross-sectional, multi-centre survey study, acute care and university hospitals, psychiatric hospitals, as well as the rehabilitation and speciality clinics named on the Swiss Hospitals Association (H+) hospital list [27] were eligible. It included 231 hospitals across Switzerland (German-speaking region: 176; French-speaking region: 43; Italian-speaking region: 12). Of that number, 74 (32%) belonged to hospital groups.

To assess how Swiss hospitals support their health professionals after an adverse event, a 13-item self-developed questionnaire (appendix 1) was used. Three items addressed hospital characteristics, such as type (according to the H+ categories), size (number of beds) and membership in a hospital group. The eight items regarding hospital policies and activities of supporting health professionals who became second victims are based on the NIH MITSS organisational assessment tool for clinician support [28], and the University of Missouri forYou Health Care Team programme [18]. Item responses included “yes”, “no”, “planned” or “I don’t know”, and (for one only) “depending on”. Additionally, comments could be added as free text at the end of the questionnaire. Respondents could reply anonymously or voluntarily state their contact details for potential information exchange.

After face validity of the initial German language question-
naire was established by experts in the field, including the study authors, the questionnaire was translated into French and Italian by native speakers and cross-checked for comprehensibility.

Table 1: Medical error!

| It’s an intense morning in the Med-Surg unit. One of Nurse Gina’s patients, Mr Schmidt, is in severe pain. Following his analgesic prescription, Gina administers intravenously a 5 mg dose of hydromorphone. Filling in the patient record, she sees the previous dosage. It was 0.5 mg. Mr Schmidt’s life is in danger! Blocked by rising panic, shame and dread, her thoughts race in circles. But Mr Schmidt is already unconscious, his breathing laboured. From the door, Gina shouts to Doris, her unit supervisor, for help. Even as Doris is grabbing the rescue kit, she’s on the line to Robert, the attending physician. Working fast, Robert and Doris neutralise the overdose. Gently but firmly, Doris tells Gina to take a break and regain her composure. When Mr Schmidt regains consciousness, Robert and Doris inform him about the error, their countermeasures and the remaining steps. After lunch, Doris speaks with Gina. After a supportive clarifying discussion, Gina asks Doris to accompany her as she apologises personally to Mr Schmidt. He reacts with patience and understanding. Alongside the support of her ward manager and the attending physician, this nurse’s open conversation with the patient helps her deal with her feelings of guilt and self-doubt. Later, discussions with the team leader, her colleagues, and the staff psychologist will allow her and the hospital to use this event to improve patient safety. Three months later, Gina has recovered her confidence and continues working as a nurse. Now, though, she is aware not only that mistakes can materialise in an instant, but that they can happen to anyone. She also knows first-hand how collegial support has helped her, as an error’s second victim, to cope, recover and go back to helping patients. |

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In October 2018, an invitation for study participation, including a hyperlink to the online survey, was e-mailed to the quality managers or chief operating officers of the 231 eligible hospitals. A reminder was sent to non-respondents after 3 weeks. Six weeks after the initial invitation, the survey was closed.

The completed questionnaires were first checked for completeness and plausibility of the responses. Five responses proved ambiguous. Therefore, if the responses could not be clarified based on written comments, identifiable respondents were contacted.

All survey responses were included in the data analysis using the R statistics program, version 3.5.3 [29]. Descriptive analyses were performed on frequencies and percentages, while comparisons regarding hospital size and type used Fisher’s exact test.

The Ethics Committee Northwest and Central Switzerland (EKNZ) exempted the study from review and approved the survey as ethically acceptable (BASEC Req-2018-00668).

**Results**

Of the 231 invited hospitals’ quality managers or chief executive officers, 116 (German: 88, French: 20, Italian: 8) completed the questionnaire – a response rate of 50.2% (table 2). More than a third of participating hospitals were medium-sized (100–249 beds) (fig. 1); 55 (47.4%) indicated membership in a hospital group. The participating hospitals accurately reflect the Swiss hospital landscape in terms of type, size and language region (fig. 2).

Nearly 83% of respondents indicated that their health professionals were requested to inform their superiors about adverse events. In the Italian-speaking region, all eight hospitals reported asking their health professionals to do so. Overall, roughly 85% reported providing support offers for second victims; however, of those, only 60.3% reported informing their medical staff about such offers. Hospitals in the German-speaking region were least likely to do so (56.8%, compared with 70.0% in the French speaking region and 75.0% in the Italian speaking region).

Thirty-one per cent of all hospitals reported that one or more of their supervisory staff were trained to deal with

<table>
<thead>
<tr>
<th>Hospital type</th>
<th>Invited hospitals n = 231</th>
<th>Participating hospitals n = 116</th>
<th>Response rates (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>University</td>
<td>7</td>
<td>7</td>
<td>100</td>
</tr>
<tr>
<td>Acute care</td>
<td>109</td>
<td>58</td>
<td>50</td>
</tr>
<tr>
<td>Psychiatric</td>
<td>40</td>
<td>16</td>
<td>40</td>
</tr>
<tr>
<td>Rehabilitation</td>
<td>42</td>
<td>14</td>
<td>33.3</td>
</tr>
<tr>
<td>Speciality</td>
<td>34</td>
<td>21</td>
<td>61.8</td>
</tr>
</tbody>
</table>

Descriptive statistics (frequencies) applied. * 231 hospitals across Switzerland were included (German-speaking region: 176; French-speaking region: 43; Italian-speaking region: 12). Of that number, 74 (32%) belong to hospital groups.
second victims. The prevalence of hospitals with such staff available varied considerably across the three language regions – 100% in the Italian-speaking, 45% in the French-speaking and 22% in the German-speaking region.

Affected professionals’ participation in the disclosure process also varied strongly. Sixty-four (55.2%) respondents declared that such participation depended on the circumstances and 15 (12.9%) stated that the professionals were generally present. Included in these groups, seven respondents specified that participation depended partly on the patient’s wishes and partly on the affected health professional’s emotional condition and ability to participate. Nineteen (16.4%) reported that health professionals were never present and the remaining 18 (15.5%) indicated that they did not know whether health professionals were present.

Respondents also added three further aspects that they considered influential: the nature of the error, the level of harm experienced by the patient and the department (table 3).

The number of second victim support offers ranged from none to several options. Possible avenues included peer support, the services of a staff physician or psychological counselling. Eighteen hospitals (15.5%) offered no support, whereas 61 (52.9%) stated that “other persons” supported second victims (table 4).

In total, 37 (31.9%) hospitals reported having guidelines in place on how to support second victims and 58 (50.0%) reported having no guideline. In the remaining 20, either guidelines were planned or the respondent had no knowledge of them (table 5).

Among the hospitals whose respondents answered “yes” or “planned”, university hospitals, acute care hospitals and specialised clinics were more likely to have implemented guidelines than psychiatric hospitals and rehabilitation clinics; however, these associations were not statistically significant (table 5).

Comparison using Fisher’s exact test showed a significant relationship (p = 0.035) between hospital size and the implementation of guidelines: guidelines were more likely to

Table 3: Hospitals support for health professionals after an adverse event (n=116).

<table>
<thead>
<tr>
<th>Health professionals are informed about support offers by the institution</th>
<th>No % (n)</th>
<th>Yes % (n)</th>
<th>Planned % (n)</th>
<th>Don’t know % (n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health professionals involved in an adverse event are asked to inform superiors</td>
<td>26.7 (31)</td>
<td>60.3 (70)</td>
<td>7.8 (9)</td>
<td>5.2 (6)</td>
</tr>
<tr>
<td>Notation in personal file of involved health professional</td>
<td>8.6 (10)</td>
<td>82.8 (96)</td>
<td>1.7 (2)</td>
<td>6.9 (8)</td>
</tr>
<tr>
<td>Superiors are trained for support of second victims</td>
<td>66.4 (77)</td>
<td>12.9 (15)</td>
<td>0 (0)</td>
<td>20.7 (24)</td>
</tr>
<tr>
<td>Superiors are asked to approach health professionals after an adverse event</td>
<td>50.0 (58)</td>
<td>31.0 (36)</td>
<td>8.6 (10)</td>
<td>10.3 (12)</td>
</tr>
<tr>
<td>A standard or guideline for second victim support exists</td>
<td>50.0 (58)</td>
<td>31.9 (37)</td>
<td>11.2 (13)</td>
<td>6.9 (8)</td>
</tr>
</tbody>
</table>

Descriptive statistics (frequencies and percentages) applied.

Table 4: Hospitals specific support offers for their health professionals’.

<table>
<thead>
<tr>
<th>Staff physician</th>
<th>Psychologist</th>
<th>Pastoral worker</th>
<th>Trained peers</th>
<th>Lawyer</th>
<th>Other persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 (31.9)</td>
<td>48 (41.4)</td>
<td>36 (31.0)</td>
<td>46 (39.7)</td>
<td>31 (26.7)</td>
<td>61 (52.9)</td>
</tr>
</tbody>
</table>

Descriptive statistics (frequencies and percentages) applied. * Multiple response options. Eighteen (15.5%) hospitals indicated no support offer.

Table 5: Comparison within hospital types on whether a guideline exists (n = 116).

<table>
<thead>
<tr>
<th>Hospital type</th>
<th>No (58) / I don’t know (8) n = 66</th>
<th>Yes (37) / planned (13) n = 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>% (n)</td>
<td>% (n)</td>
<td>% (n)</td>
</tr>
<tr>
<td>University</td>
<td>57.1 (4)</td>
<td>42.9 (3)</td>
</tr>
<tr>
<td>Acute care</td>
<td>51.7 (30)</td>
<td>48.3 (28)</td>
</tr>
<tr>
<td>Psychiatric</td>
<td>62.5 (10)</td>
<td>37.5 (6)</td>
</tr>
<tr>
<td>Rehabilitation</td>
<td>78.6 (11)</td>
<td>21.4 (3)</td>
</tr>
<tr>
<td>Speciality</td>
<td>52.4 (11)</td>
<td>47.6 (10)</td>
</tr>
</tbody>
</table>

Descriptive statistics (frequencies and percentages) applied, including Fisher’s exact test. No/I don’t know and yes/planned responses for guidelines in the different hospital types and comparison in percentages within the hospital types categories.
exist in larger hospitals, except for in the smallest hospitals (table 6).

In their comments, five respondents referred to the Critical Incident Reporting System (CIRS) as a possibility to report errors that result in no harm. One hospital’s respondent stated that she and her colleagues were not aware of any institutional support after an error, adding that efficient support usually comes from a good team and concluding that support depends on the contacted person. Another referred to the Swiss Patient Safety Foundation (“Patientensicherheit Schweiz”) and one cited the UK National Health Service’s “incident decision tree” [30] as the bases of their in-house guidelines.

Discussion

This cross-sectional multi-centre study focused on how Swiss hospitals support health professionals who become second victims of adverse events. Roughly half of the contacted institutions participated in the online survey and provided information on their organisational structures and processes. Structured support programmes or guidelines for affected professionals were reported in almost a third of the hospitals regardless of type but were most common among very small and large hospitals.

Swiss hospitals incorporate several aspects of organisational support for second victims. Most respondents (just under 83%) reported that their institutions’ healthcare professionals are instructed to report adverse events to their supervisors. This rate is in line with a 2013 study on error disclosure standards in university and acute care hospitals, in which 75% of institutions reported that they either had such policies in place or would be implementing them soon [31].

According to our survey data, nearly two thirds of institutions inform their health professionals of existing support offers. Although this is a good first step towards providing effective support, placing the impetus on second victims to seek and accept support is problematic: a 2017 study found that, according to patient safety representatives’ estimates, fewer than 50% of health professionals would be willing to access support. Reasons mentioned included uncertainty about the goal of the support, a perceived punitive and blame-focussed institutional culture, fear of social stigma and personal shame [32]. In another study, Swiss anaesthesiologists stated that their institutions did not support them adequately after medical errors. They were interested in psychological counselling, but they indicated that lack of time and concerns that the psychological support would be recorded in their personal files were substantial barriers [33]. It therefore appears crucial that clinical leaders proactively approach affected health professionals following adverse events to offer support.

Most of the surveyed Swiss hospitals have a variety of support offers in place for second victims, including a range of specialists who can be contacted as necessary. Also, more than half of participating hospitals mentioned using “other persons” as supporting persons, but did not elaborate. One possible explanation is that supervisors were not a choice option and “trained peers” were thought of simply as co-workers. Still, even though second victims sometimes perceive their co-workers as unhelpful or non-supportive, they more often appreciate their emotional support [34].

A few hospitals mentioned filing adverse events in the affected persons’ personnel records and staff members’ concerns about negative personal consequences of documentation are known [14]. As this increases the risk that adverse events will simply go unreported, programmes supporting the development and implementation of second victim support guidelines recommend not adding health professionals’ involvement in adverse events to their personal records [21].

The majority of Swiss hospitals instruct their health professionals to report adverse events to their supervisors, thereby maximising the possibility of appropriate support both for the affected patient and for the second victim. Trained supervisors could improve this support by increasing their knowledge of the second victim phenomenon. However, only 31% of surveyed hospitals indicated that they actively

<table>
<thead>
<tr>
<th>Hospital size (number of beds)</th>
<th>No (58) / I don’t know (8) n = 66</th>
<th>Yes (37) / Planned (13) n = 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;50</td>
<td>50 (9)</td>
<td>50 (9)</td>
</tr>
<tr>
<td>50–99</td>
<td>64.3 (18)</td>
<td>35.7 (10)</td>
</tr>
<tr>
<td>100–249</td>
<td>67.4 (29)</td>
<td>32.6 (14)</td>
</tr>
<tr>
<td>250–500</td>
<td>26.3 (5)</td>
<td>73.7 (14)</td>
</tr>
<tr>
<td>&gt;500</td>
<td>62.5 (5)</td>
<td>37.5 (3)</td>
</tr>
</tbody>
</table>

Descriptive statistics (frequencies and percentages) applied, including Fisher’s exact test. No/I don’t know and yes/planned responses for guidelines in the different hospital sizes, comparison in percentages and absolute numbers.
train superiors in second victim support. Therefore, received levels of support very likely depend on the individual knowledge and engagement of whichever supervisor happens to be on duty at the time of the event. Other authors stated that when nurses reported errors, they received emotional support such as comfort or sharing experiences, but were also confronted with silence from managers and colleagues, or the gravity of their mistakes was downplayed. Only a minority actually received constructive support from managers [12]. Supporting this finding that second victims rarely received support, Scott et al. (2010) noted that what support affected staff did receive came more often from peers and colleagues than from supervisory personnel [18]. When second victims were questioned regarding their reluctance to talk to superiors, commonly cited factors included leadership behaviour, the nature of the reporting system, and the hospital culture [35]. On the positive side, the fact that nearly three quarters of Swiss hospitals asked their superiors to approach health professionals after an error can be interpreted as an important sign of willingness to support their workforce.

The matter of whether affected health professionals participate in adverse event disclosure sessions with patients was reported as dependent on the situation in more than half of the responses. Furthermore, patients understandably want to be informed about what has happened and why. It is known that in the adverse event disclosure process, it is crucial that involved health professionals and the hospital decide how the patient should be informed and by whom. This process requires a vigorous multidisciplinary team discussion on topics including diagnoses, consequences and decision on how to further engage [36].

The majority of Swiss hospitals have not implemented second victim guidelines. This corresponds, for example, with observations in Spanish hospitals [25], but contrasts with American ones, the majority of which have such guidelines in place [24]. We can suggest two possible reasons for this shortfall in the Swiss context: (1) in the USA, nationwide recommendations for organisational structures to support second victims were formulated in 2010 [20]; and (2) information on content, development and implementation processes for second victim support programmes are openly accessible [21].

However, as in Switzerland, US hospitals face continual challenges regarding funding, perceived stigma, concerns about confidentiality and lack of interest, all of which have been identified as barriers to the development of second victim support programmes [32]. In Swiss hospitals potential barriers include the lack of a firm legal foundation and the strong regional autonomy of the healthcare system (leading to inter-cantonal fragmentation), as well as a lack of commitment and sense of responsibility among hospital leaders to shed light on the issue and take action.

Notably, at the federal level, in 2006, the Swiss Patient Safety Foundation initiated a comprehensive package of evidence-based information on how to disclose and communicate adverse events to patients and families [37], as well as essentials, including training courses, on how to deal with involved healthcare professionals to mitigate negative outcomes on their health and professional life [38]. Our study revealed that acute care hospitals in Switzerland are more likely than rehabilitation and speciality clinics to use second victim guidelines.

This is probably partly a result of to the greater risk of acute care patients being affected by serious adverse events, given the complexity of medical procedures and personnel interactions compared with other care settings [4], and partly of greater sensitisation of acute care hospital leadership. As most second victim literature and related support programmes are based on acute care hospital studies and reports, the comparative shortage of information focussing on other settings such as psychiatric or rehabilitation clinics might result in less awareness of the second victim phenomenon in those contexts. For instance, one of the responding psychiatric clinics commented that the subject of second victim support had recently popped up because of a harmful incident and was currently perceived as important.

Even the process of participating in the study was perceived as having a positive outcome. One responding university hospital noted that, by revealing a blind spot in their institutional processes, our survey fostered a sense that a guideline would improve support for affected health professionals.

Evidence that second victim programmes support health professionals remains far from abundant. Still, in her study, Van Gerven concluded that, although a support team or a support protocol had no significant influence on individual outcomes after an adverse event, an organisational culture based on respect and support positively influenced the psychological impact on involved health professionals [39].

By structuring information about procedures in defined situations such as an adverse event, second victim support programmes help bring order to difficult and stressful situations. In hospitals without guidelines for second victim support, it is likely that second victims will go unidentified, meaning preventable health risks for the involved healthcare professional will go unrecognised and untreated. Where no guidelines are implemented, the quality of any available support depends entirely on who provides it, their awareness and knowledge of the second victim phenomenon and its possible long-term repercussions on the affected individual. In such cases, middle- and long-term support is likely to be either missing or difficult to access. By informing affected persons about support offers at any time of the day and designating qualified contact persons, hospital programmes provide immediate support, which is considered important to minimise second victims’ symptoms and promote their recovery [40].

Finally, some of the participating Swiss hospitals reported working with a Critical Incident Reporting System (CIRS) to collect information about medical errors and near misses. CIRS is a system to report information on events resulting on no harm to patients and to report only events without potential legal prospective. Events leading to patient harm need to be reported in a different manner [41]. There is no doubt that a CIRS is a valuable tool to recognise patient safety issues and might also be a protective factor for potential second victims; however, because CIRS reports are usually anonymous, they are not suitable to initiate targeted support to health professionals.
Strengths and limitations

This study shows for the first time the current situation of organisational structures and existing guidelines for second victim support in Swiss hospitals. Other studies have focused mainly on acute care settings, whereas our sample also included psychiatric hospitals and rehabilitation clinics. These are certainly strengths. Still, certain limitations need to be considered. For example, considering that Swiss hospitals are increasingly collaborating on diverse levels in hospital groups, we tried, if possible, to address individual hospitals separately, or asked for individual responses from each. Responses from hospital groups would reveal existing policies but would not identify variations in individual hospital cultures, in-hospital penetration of second victim support or its effectiveness in terms of relief for the affected health professionals. Also, the survey was sent to quality managers and chief operating officers, leaving open the question as to whether they could answer for their entire institutions.

Conclusion

Swiss hospitals are generally aware of the issue of second victims and dedicated support offers are generally prevalent, but these often lack coherence. This lack of structure bears the risk that, following adverse events, the support available to health professionals will be inadequate in terms either of quantity or of quality. As related guidelines are not widely implemented, a clear commitment from Swiss hospital executive leaders, as well as from health authorities at the national and cantonal levels could foster widespread Swiss adoption of systematic second victim support.

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Disclosure statement

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References


Appendix 1

Questionnaire in English (translated from the original German language version)

The appendix is available as a separate file at https://smw.ch/article/doi/smw.2020.20278.