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Analysis of Incidence and documentation of patient in university hospital of Mongolia

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INTRODUCTION

Incident reporting is an effective strategy used to enhance patient safety and quality improvement in healthcare. The Institute of Medicine has identified in 1999 that patient safety as a critical concern in health care organizations and an essential first step in enhancing quality of care.

In Mongolia, patient safety is a relatively new field and the government has begun to pay attention to the issue since 2010. The Mongolian Japan Hospital of Mongolian National University of medical science is the first university hospital in Mongolia. It started its activity in October 2019 and started working at full capacity in January 2021. University hospital need to provide high-quality of care services compared to other hospitals, therefore we need to provide fully ensuring the safety of the patient.

AIM

To investigate our hospital has a patient safety culture and which medical professional is reporting more incidents.

METHOD

We studied incidence type and the cases registered in our hospital between January 1st 2021 to December 31st 2022 by retrospective research method and statistical processing was done using SPSS-23 and Microsoft office excel 2018 program.

RESULTS

Total number of national incident report and it is percentage and incidence rate of Mongolian Japan Hospital- Mongolian National University of Medical sciences, In 2020, our hospital reported 116 (9.3%) cases out of a total of 1244 cases, 124 (9.9%) cases out of 1490 cases in 2021, and 62 (36.2%) cases out of 171 cases in the first half of 2022.

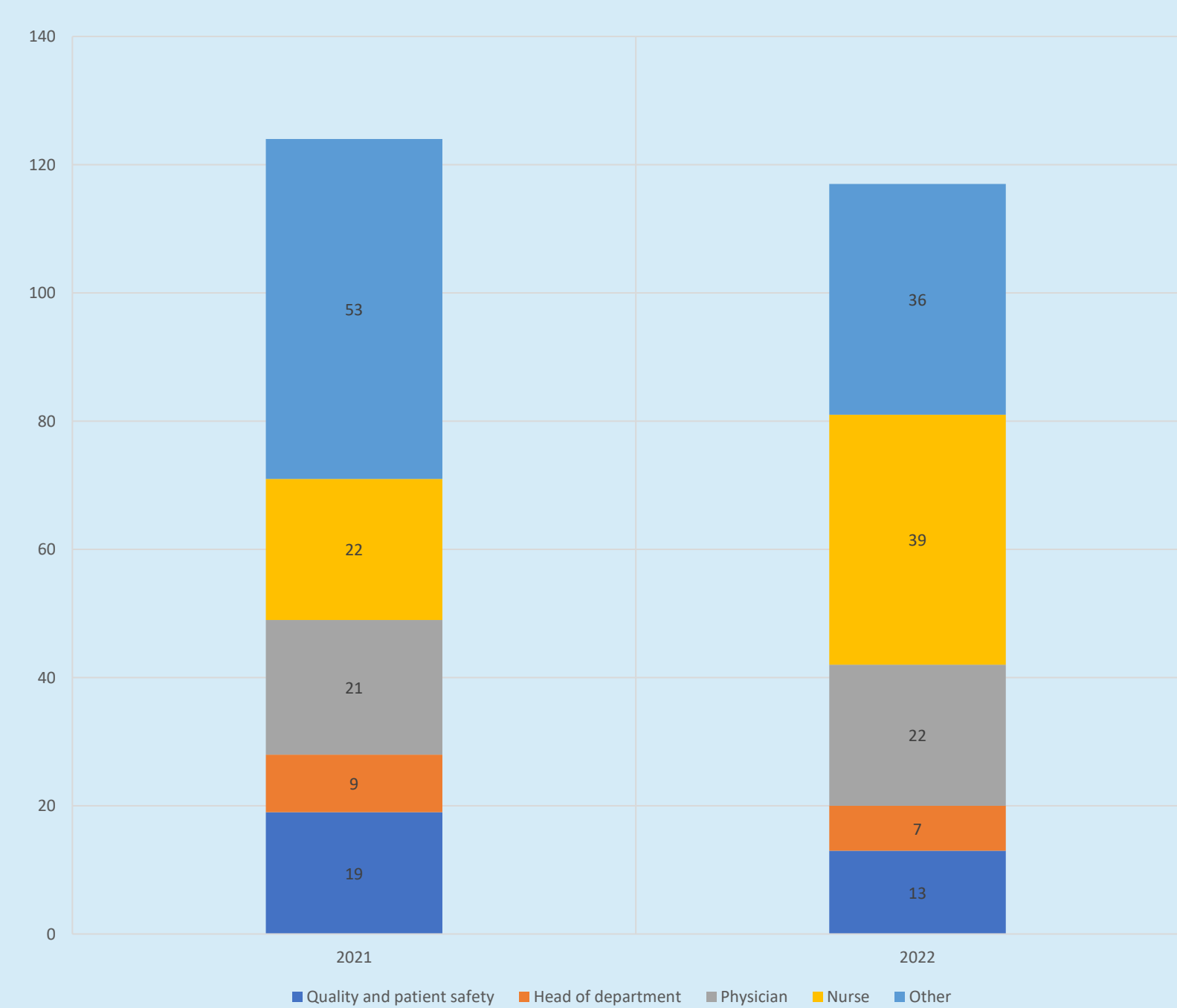


Chart 1 shows reporter type. In 2021, there was no difference in case reporting by staff position, but from 2022, the proportion of nurses reporting incident is increased. More cases are reported by field workers, but in this case doctors report less.

No	Incident type	2021 (n=124)	2022 (n=117)
1	Near miss	44	17
2	Incident	72	74
3	Adverse event	3	14
4	Sentenital event	5	12

Table 1 shows incident type in years. Near miss incident is decreased and other incidents are increased.

Although the number of sentenital and adverse events was low in 2021, this number has almost tripled in 2022. This may be due to the fact that many high-risk procedures such as neurosurgery, angiography etc. are associated with the introduction of surgical treatment that requires more skills will begin in 2022.

CONCLUSIONS

To conclude from all of the above, although customer safety is a young field in Mongolia, we can see the culture of customer safety is starting to settle in our hospital, which is only our hospital accounted for 10.49% of the incidents registered nationwide between the 2020 and first half of 2022. can be seen.

However, we still need to do more work to promote that culture, provide training on incident reporting and incident response to ensure customer safety, and identify the next level of research.

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