POSTER 107

REPORTING QUALITY AND SYSTEM DESIGN CONCERNS OF VOLUNTARY MEDICAL INCIDENT REPORTING SYSTEMS: A LITERATURE REVIEW

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Voluntary medical incident reporting system (VMIR) is the application of technology to support health professionals on medical errors reporting and to ultimately improve healthcare quality and patient safety. The underreporting and low quality reported data are two major barriers impeding system effectiveness of learning from incident to prevent its reoccurrence. A number of approaches have been discussed to address the former difficulty for encouraging voluntary participation of incident reporting such as non-punitive medical environment, perception of system usefulness and assistive feedback from expert review. However, few studies seem to be published to analyze completeness and accuracy of reported data and then to provide ideas for report quality improvement. In this study, we will conduct a literature review searching mainly in the field of medical incident/error reporting to examine the situation of reporting quality and pertinent system design in voluntary computer program.