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[\[PDF \(464K\)\]](#) [\[References\]](#)**Analysis of the Relationship between Incidents Caused by Human Factors and Attributes of Individuals to Prevent Medical Accidents**[Hiroshi Amano](#)¹⁾, [Toshiaki Sakai](#)²⁾ and [Junya Sakai](#)²⁾

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It has become increasingly necessary to look into safety-measure supporting systems that take characteristic traits of individual medical staff into consideration, in addition to organizational improvement, in recent years in the study to prevent medical accidents. This study attempted to link incident reports and psychological tests in order to explore such individual traits that may be related to incidents. High and low risk groups were extracted from incident reports, and Egogram and POMS scores were analyzed for 790 registered nurses at two facilities. Scores were significantly higher for high than low risk group in AC of Egogram, as well as T-A, D, A-H and C of POMS. The result suggested that smooth self-expression would be effective in preventing medical accidents for those who felt greater tension and anxiety, and for those with high AC propensity as well.

Keywords: [risk management](#), [person approach](#), [incident report](#), [medical errors](#)[\[PDF \(464K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

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