Supplemental Digital Content, Table 3.

Regression Results of Patient Safety Culture (PSC) Predictors of Adverse Events (*N* = 29 units)

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| --- | --- | --- | --- | --- |
| **PSC Dimension** | **Patient Falls*****R*2 (*p* value)** | **Vascular Access Device**  ***R*2 (*p* value)** | **Medication Variance** ***R*2 (*p* value)** | **Quality of Care Concerns*****R*2 (*p* value)** |
| Frequency of Events Reported | 0.00 (.78)  | 0.01 (.54) | 0.02 (.38) | 0.21 (.04)  |
| Overall Perceptions of Patient Safety | 0.03 (.31) | 0.00 (.93) | 0.01 (.56) | 0.01 (.30) |
| Organizational Learning- Continuous Improvement | 0.02 (.33) | 0.02 (.28) | 0.00 (.70) | 0.04 (.06) |
| Supervisor Expectations & Actions Promoting Patient Safety | 0.08 (.10) | 0.01 (.56) | 0.00 (.68) | 0.04 (.13) |
| Teamwork Within Units | 0.04 (.36) | 0.04 (.33) | 0.10 (.18) | 0.04 (.36) |
| Communication Openness | 0.00 (.97) | 0.00 (.90) | 0.04 (.28) | 0.04 (.45) |
| Feedback & Communication About Error | 0.02 (.33) | 0.05 (.07) | 0.00 (.73) | 0.04 (.03)  |
| Non-punitive Response to Errors | 0.07 (.23) | 0.00 (.96) | 0.04 (.10) | 0.26 (.02)  |
| Staffing | 0.00 (.75) | 0.00 (.73) | 0.02 (.38) | 0.20 (.09) |
| Management Support for Patient safety | 0.04 (.25) | 0.15 (.01)  | 0.00 (.59) | 0.03 (.11) |
| Teamwork Across Units | 0.00 (.66) | 0.05 (.11) | 0.04 (.32)  | 0.00 (.66) |
| Handoffs & Transitions | 0.03 (.33)  | 0.04 (.30) | 0.08 (.34) | 0.02 (.51) |
| Aggregate PSC Score | 0.07 (.5) | 0.03 (.25) | 0.03 (.47) | 0.00 (.87) |

Note: OLS Regression, robust.