|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 2. Knowledge of QI Between Faculty, DNP Grads, and by Faculty Degree | | | | | | |
| **QI Knowledge** | **Faculty (n=73)**  **n (%)** | **DNP Graduates (n=18)**  **n (%)** | **p** | **DNP Faculty (n=14)**  **n (%)** | **PhD Faculty (n=52)**  n (%) | **p** |
| What does PDSA stand for  participate, delegate, simplify, arrange  prepare, develop, standardize, alter  plan, do, study, act  ponder, debate, select, act | 0 (0.0)  1 (1.4)  72 (98.6)  0 (0.0) | 0 (0.0)  0 (0.0)  18 (100.0)  0 (0.0) | .61 | 0 (0.0)  1 (7.1)  13 (92.9)  0 (0.0) | 0 (0.0)  0 (0.0)  52 (100.0)  0 (0.0) | .21 |
| Value stream maps help you identify  Inefficient steps in a process  Whose values are most important | 61 (85.9)  10 (14.1) | 17 (100.0)  0 (0.0) | .10 | 11 (78.6)  3 (21.4) | 44 (86.3)  7 (13.7) | .44 |
| Tool used in response to an adverse event  Failure modes and effect analysis  Root cause analysis | 3 (4.1)  70 (95.9) | 1 (5.6)  17 (94.4) | >.99 | 1 (7.1)  13 (92.9) | 2 (3.9)  50 (96.1) | .52 |
| …helps to understand steps of a process  Run chart  Control chart  Flow chart  Pareto chart | 11 (15.1)  8 (11.0)  65 (89.0)  11 (17.5) | 2 (11.1)  3 (16.7)  18 (100.0)  1 (5.6) | NA | 2  0  12  0 | 8  8  47  9 |  |
| … helps to understand process variation  Pareto chart  Pie chart  Control chart  Flow chart | 29 (39.7)  4 (5.5)  35 (47.9)  22 (30.1) | 7 (38.9)  0 (0.0)  14 (100.0)  4 (22.2) | NA | 8  0  3  4 | 19  4  27  16 |  |

QI, quality improvement.