## Supplementary file 1

### Independent Samples Test

|                         | Levene's Test for Equality of Variances | t-test for Equality of Means | 95% Confidence Interval of the Difference |
|-------------------------|----------------------------------------|-------------------------------|------------------------------------------|
|                         | F          | Sig. | t     | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | Lower | Upper |
| Is the patient's daily status being documented - PM | Equal variances assumed | 192.111 | 0 | 5.94 | 38 | 0 | 0.65 | 0.10942 | 0.42848 | 0.87152 |
|                         | Equal variances not assumed | 5.94 | 19 | 0 | 0.65 | 0.10942 | 0.42097 | 0.87903 |
| Is there evidence of the patient's perception of their day documented | Equal variances assumed | 0 | 1 | 8.219 | 38 | 0 | 0.8 | 0.09733 | 0.60296 | 0.99704 |
|                         | Equal variances not assumed | 8.219 | 38 | 0 | 0.8 | 0.09733 | 0.60296 | 0.99704 |
| Is there an action being taken on the symptoms reported | Equal variances assumed | 19.776 | 0 | 1.831 | 38 | 0.075 | 0.15 | 0.08192 | -0.01583 | 0.31583 |
|                         | Equal variances not assumed | 1.831 | 19 | 0.083 | 0.15 | 0.08192 | -0.02146 | 0.32146 |
| Is there an evaluation of the nursing action being taken | Equal variances assumed | 19.776 | 0 | 1.831 | 38 | 0.075 | 0.15 | 0.08192 | -0.01583 | 0.31583 |
|                         | Equal variances not assumed | 1.831 | 19 | 0.083 | 0.15 | 0.08192 | -0.02146 | 0.32146 |
| Is there a record of pain being assessed | Equal variances assumed | 20.45 | 0 | 9.798 | 36 | 0 | 0.84211 | 0.08595 | 0.6678 | 1.01641 |
|                         | Equal variances not assumed | 9.798 | 18 | 0.84211 | 0.08595 | 0.66154 | 1.02267 |
| Is there a record of nursing intervention | Equal variances assumed | 6.203 | 0.018 | -1.17 | 34 | 0.25 | -0.12384 | 0.10585 | -0.33895 | 0.09128 |
|                         | Equal variances not assumed | -1.137 | 25.167 | 0.266 | -0.12384 | 0.10887 | -0.34799 | 0.10031 |
| Is there a record of nursing evaluation | Equal variances assumed | 12.777 | 0.001 | -1.594 | 34 | 0.12 | -0.18266 | 0.1146 | -0.41555 | 0.05023 |
|                         | Equal variances not assumed | -1.543 | 23.581 | 0.136 | -0.18266 | 0.11839 | -0.42723 | 0.06191 |
| Is there a record of other symptoms being assessed | Equal variances assumed | 28.589 | 0 | 8.02 | 35 | 0 | 0.8 | 0.09975 | 0.5975 | 1.0025 |
|                         | Equal variances not assumed | 8.718 | 18 | 0.8 | 0.09177 | 0.60793 | 0.99207 |
| Is there a record of nursing interventions | Equal variances assumed | 0.187 | 0.669 | 0.216 | 27 | 0.83 | 0.02885 | 0.13323 | -0.24471 | 0.30241 |
|                         | Equal variances not assumed | 0.214 | 24.646 | 0.832 | 0.02885 | 0.13468 | -0.24874 | 0.30644 |
| Is there a record of nursing evaluation | Equal variances assumed | 0.216 | 0.646 | -0.23 | 27 | 0.819 | -0.03365 | 0.14603 | -0.3329 | 0.26598 |
|                         | Equal variances not assumed | -0.232 | 26.444 | 0.818 | -0.03365 | 0.14493 | -0.33132 | 0.26401 |
| Is there a record of nursing interventions | Equal variances assumed | 20.499 | 0 | -1.808 | 28 | 0.081 | -0.27602 | 0.15263 | -0.58867 | 0.03664 |
|                         | Equal variances not assumed | -1.943 | 26.047 | 0.063 | -0.27602 | 0.14209 | -0.56807 | 0.01603 |
| Is there a record of nursing evaluation | Equal variances assumed | 0.943 | 0.34 | 0.999 | 28 | 0.326 | 0.18552 | 0.1857 | -0.19487 | 0.56591 |
|                         | Equal variances not assumed | 0.992 | 25.247 | 0.331 | 0.18552 | 0.18704 | -0.1995 | 0.57054 |
| Is there a record of patient spiritual issues being assessed | Equal variances assumed | 21.557 | 0 | 10.06 | 37 | 0 | 0.84211 | 0.08371 | 0.67249 | 1.01172 |
|                         | Equal variances not assumed | 9.798 | 18 | 0.84211 | 0.08595 | 0.66154 | 1.02267 |
| Is there a record of nursing interventions | Equal variances assumed | 0.004 | 0.948 | 0.394 | 22 | 0.698 | 0.08392 | 0.2132 | -0.35822 | 0.52606 |
|                         | Equal variances not assumed | 0.393 | 21.299 | 0.698 | 0.08392 | 0.21332 | -0.35932 | 0.52715 |
| Is there a record of nursing evaluation | Equal variances assumed | 2.809 | 0.108 | 1.308 | 22 | 0.204 | 0.26573 | 0.2032 | -0.15568 | 0.68715 |
|                         | Equal variances not assumed | 1.32 | 21.894 | 0.201 | 0.26573 | 0.20136 | -0.15197 | 0.68344 |
| Question                                                                 | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed |
|-------------------------------------------------------------------------|-------------------------|----------------------------|-------------------------|----------------------------|
| Is there a record of family issues/concerns being assessed              | 4.457 0.041             | 0.95 0.05                  | 8.4878 1.0512           |
| Is there a record of nursing interventions                              | 2.217 0.146             | 0.736 0.467                | 1.1842 0.16091          |
| Is there a record of nursing evaluation                                 | 0.743 32.818            | 0.463 0.11842              | 0.15946 -0.20607         |
| Is there evidence of any discharge planning                             | 22.482 0                | 0.003 0.45724              | 0.14135 0.16965          |
| Is there evidence of nursing evaluation                                 | 0.541 0.479             | -0.31 0.763                | -0.11111 0.35832         |
| Is there a record of patient/family education                           | 7.955 0.014             | 1.95 0.071                 | 0.41667 0.21362          |
| If at risk of falls since admission has patient been reassessed         | 6.429 0.024             | 2.958 0.01                 | 0.76923 0.26005          |
| If at risk of falls has daily falls prevention strategy's been completed| 0.884 0.361             | 6.11 16                    | 0.93333 0.15275          |
| Are pressure area being assessed on a daily basis                       | 14 14                   | 0.93333 0.06667            | 0.79035 0.45606          |
| Is the daily pressure prevention strategy completed and documented 12 hourly| 33.778 0                | 8.718 38                   | 0.8 0.09177 0.61423      |
| Is it documented that the bed rail are in use or not                    | 4.457 0.041             | 19 38 0                    | 0.95 0.05 8.4878         |
| Is rationale for use of bed rails documented                            | 8.718 19                 | 0.8 0.09177                | 0.60793 0.99207          |
| If a patient has an identified infection is there documentation of care required | 38.824 0              | 8.308 32                   | 0.78571 0.09458          |
| In know allergy is allergy band checked                                 | 6.904 13                 | 0.78571 0.1138             | 0.53986 1.03157          |
| If there is any issues to medication management is it documented        | 50.909 0                | 3.568 20                   | 0.002 0.66667 0.18687   |
| In know allergy is allergy band checked                                 | 5.292 14                 | 0.66667 0.12599            | 0.39645 0.93688          |
| If there is any issues to medication management is it documented        | 6.157 0.023             | 1.561 19                   | 0.31818 0.20387          |
| If there is any issues to medication management is it documented        | 1.541 16.867            | 0.142 0.31818              | 0.20653 -0.11782         |
| Urinary Catheter insitu                                                | 3.229 0.098             | 2.439 12                   | 0.57576 0.23603          |
| Urinary Catheter insitu                                                | 1.666 2.306             | 0.221 0.57576              | 0.34551 -0.73691         |
| Daily mental hygiene has been performed by either patient or staff around catheter| 13.701 0.002 | 1.896 17                 | 0.075 0.38889 0.20514   |
| Daily mental hygiene has been performed by either patient or staff around catheter| 8 8 | 0.88889 0.01111 | 0.63267 1.14511         |
| The Urinary Catheter has been connected continuously unless sub-g or bag change required | 5.843 0.027 | 8.46 17 | 0.88889 0.10506 0.66722 1.11056 |
| Daily mental hygiene has been performed by either patient or staff around catheter| 5.843 0.027 | 8.46 17 | 0.88889 0.10506 0.66722 1.11056 |
Catheter emptied regularly into a clean container

| Equal variances not assumed | 8 | 8 | 0 | 0.88889 | 0.11111 | 0.63267 | 1.14511 |
| Catheeter emptied regularly into a clean container | 5.843 | 0.027 | 8.46 | 17 | 0 | 0.88889 | 0.10506 | 0.66722 | 1.11056 |

Hand hygiene performed pre and post procedure and gloves and apron worn

| Equal variances not assumed | 8 | 8 | 0 | 0.88889 | 0.11111 | 0.63267 | 1.14511 |
| Hand hygiene performed pre and post procedure and gloves and apron worn | 5.843 | 0.027 | 8.46 | 17 | 0 | 0.88889 | 0.10506 | 0.66722 | 1.11056 |

No of PVC lines in use and reason why inserted

| Equal variances not assumed | 8.553 | 0.01 | 2.658 | 16 | 0.017 | 0.525 | 0.19754 | 0.10623 | 0.94377 |
| No of PVC lines in use and reason why inserted | 2.518 | 11.04 | 0.029 | 0.525 | 0.20852 | 0.06624 | 0.98376 |

Absence of inflammation/erythema/ oedema

| Equal variances not assumed | 170.667 | 0 | 3.266 | 16 | 0.005 | 0.6 | 0.18371 | 0.21055 | 0.98945 |
| Absence of inflammation/erythema/ oedema | 3.674 | 9 | 0.005 | 0.6 | 0.1633 | 0.23059 | 0.96941 |

Pain present at site

| Equal variances not assumed | 170.667 | 0 | 3.266 | 16 | 0.005 | 0.6 | 0.18371 | 0.21055 | 0.98945 |
| Pain present at site | 3.674 | 9 | 0.005 | 0.6 | 0.1633 | 0.23059 | 0.96941 |

Absence of leakage

| Equal variances not assumed | 170.667 | 0 | 3.266 | 16 | 0.005 | 0.6 | 0.18371 | 0.21055 | 0.98945 |
| Absence of leakage | 3.674 | 9 | 0.005 | 0.6 | 0.1633 | 0.23059 | 0.96941 |

Dressing in tack

| Equal variances not assumed | 170.667 | 0 | 3.266 | 16 | 0.005 | 0.6 | 0.18371 | 0.21055 | 0.98945 |
| Dressing in tack | 3.674 | 9 | 0.005 | 0.6 | 0.1633 | 0.23059 | 0.96941 |

Hand hygiene performed

| Equal variances not assumed | 170.667 | 0 | 3.266 | 16 | 0.005 | 0.6 | 0.18371 | 0.21055 | 0.98945 |
| Hand hygiene performed | 3.674 | 9 | 0.005 | 0.6 | 0.1633 | 0.23059 | 0.96941 |

No of SC lines in use and reason why inserted

| Equal variances not assumed | 0.591 | 0.451 | 3.164 | 21 | 0.005 | 0.56818 | 0.17957 | 0.19474 | 0.94162 |
| No of SC lines in use and reason why inserted | 3.18 | 20.991 | 0.005 | 0.56818 | 0.17867 | 0.19662 | 0.93975 |

Absence of inflammation/erythema/ oedema

| Equal variances not assumed | 1314.783 | 0 | 3.022 | 21 | 0.006 | 0.45455 | 0.15043 | 0.14171 | 0.76738 |
| Absence of inflammation/erythema/ oedema | 2.887 | 10 | 0.016 | 0.45455 | 0.15746 | 0.1037 | 0.80539 |

Pain present at site

| Equal variances not assumed | 1314.783 | 0 | 3.022 | 21 | 0.006 | 0.45455 | 0.15043 | 0.14171 | 0.76738 |
| Pain present at site | 2.887 | 10 | 0.016 | 0.45455 | 0.15746 | 0.1037 | 0.80539 |

Absence of leakage

| Equal variances not assumed | 1314.783 | 0 | 3.022 | 21 | 0.006 | 0.45455 | 0.15043 | 0.14171 | 0.76738 |
| Absence of leakage | 2.887 | 10 | 0.016 | 0.45455 | 0.15746 | 0.1037 | 0.80539 |

Dressing in tack

| Equal variances not assumed | 1314.783 | 0 | 3.022 | 21 | 0.006 | 0.45455 | 0.15043 | 0.14171 | 0.76738 |
| Dressing in tack | 2.887 | 10 | 0.016 | 0.45455 | 0.15746 | 0.1037 | 0.80539 |

Hand hygiene performed

| Equal variances not assumed | 1314.783 | 0 | 3.022 | 21 | 0.006 | 0.45455 | 0.15043 | 0.14171 | 0.76738 |
| Hand hygiene performed | 2.887 | 10 | 0.016 | 0.45455 | 0.15746 | 0.1037 | 0.80539 |

PAS_Tot

| Equal variances not assumed | 21.695 | 0 | 16.146 | 38 | 0 | 2.45 | 0.15174 | 2.14281 | 2.75719 |
| PAS_Tot | 16.146 | 28.223 | 0 | 2.45 | 0.15174 | 2.13928 | 2.76072 |

PRS_Tot

| Equal variances not assumed | 19.776 | 0 | 7.935 | 38 | 0 | 1.3 | 0.16384 | 0.96833 | 1.63167 |
| P R S _ T o t | 7.935 | 19 | 0 | 1.3 | 0.16384 | 0.95709 | 1.64291 |

PalliativeCareTot

| Equal variances not assumed | 4.246 | 0.046 | 4.697 | 38 | 0 | 4.9 | 1.04315 | 2.78826 | 7.01174 |
| PalliativeCareTot | 4.697 | 32.813 | 0 | 4.9 | 1.04315 | 2.77724 | 7.02276 |

EssentialCareTot

| Equal variances not assumed | 3.365 | 0.074 | 10.563 | 38 | 0 | 3.9 | 0.36921 | 3.15257 | 4.64743 |
| EssentialCareTot | 10.563 | 32.282 | 0 | 3.9 | 0.36921 | 3.1482 | 4.6518 |

CareBundlesTot

| Equal variances not assumed | 20.366 | 0 | 4.96 | 28 | 0 | 6.8 | 1.3709 | 3.99184 | 9.60816 |
| CareBundlesTot | 4.96 | 14.648 | 0 | 6.8 | 1.3709 | 3.87187 | 9.72813 |

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