**Suppl File 2: Changes in factors influencing radiation dose pre- and post-intervention**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  pre |  post |  p-value |
|  | count | % | count | % |  |
| **Volume** |  |  |  |
| Volume | 18 | 11.3 | 57 | 75 | <0.0001 |
|  Helical | 142 | 88.8 | 19 | 25 |  |
| **KV** |  |  |  |  |  |
| 80-100 | -- | -- | 60 | 78.9 | <0.0001 |
| 120 | 160 | 100.0 | 16 | 21.1 |  |
| **Indication of request slip** |  |  |  |  |  |
| Complete | 32 | 20.0 | 74 | 97.4 | <0.0001 |
| Incomplete | 128 | 80.0 | 2 | 2.6 |  |
| **Sedation status During Scan** |  |  |  |  |  |
| Sedated | 48 | 30.0 | 70 | 92.1 | <0.0001 |
| Not Sedated | 112 | 70.0 | 6 | 7.9 |  |
| **Time of Scan** |  |  |  |  |  |
| Morning | 80 | 50.0 | 56 | 73.7 | <0.0001 |
| Evening | 48 | 30.0 | 18 | 23.7 |  |
| Night | 32 | 20.0 | 2 | 2.6 |  |
| **Technologist Level** |  |  |  |  |  |
| Junior | 96 | 60.0 | 7 | 9.2 | <0.0001 |
| Senior | 64 | 40.0 | 69 | 90.8 |  |
| **Protocol** |  |  |  |  |  |
| Standard | 80 | 50.0 | 74 | 97.4 | <0.0001 |
| Non-standard | 80 | 50.0 | 2 | 2.6 |  |
| **Scan-length** |  |  |  |  |  |
| Standard | 65 | 40.6 | 61 | 80.3 | <0.0001 |
| Non-standard | 95 | 59.4 | 15 | 19.7 |  |
| **Arterial and venous phase** |  |  |  |  |  |
| Single | -- | -- | 61 | 80.3 | <0.0001 |
| Double | 160 | 100.0 | 15 | 19.7 |  |
| **CT-Scanner** |  |  |  |  |  |
| 64-Slice | 72 | 45.0 | 1 | 1.3 | <0.0001 |
| 640-slice | 88 | 55.0 | 75 | 98.7 |  |

 **\*P-values used to compare pre-and post-groups obtained through chi-square test**