The SAS System

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Outcome - 90 days | | | | All patients | |
| No | | Yes | |
| N | % | N | % | N | % |
| Total | 18444 | 100.0 | 410 | 100.0 | 18854 | 100.0 |
| Age | 871 | 4.7 | 9 | 2.2 | 880 | 4.7 |
| <50 |
| 50-<60 | 2415 | 13.1 | 45 | 11.0 | 2460 | 13.0 |
| 60-<70 | 5114 | 27.7 | 112 | 27.3 | 5226 | 27.7 |
| 70-<80 | 7037 | 38.2 | 164 | 40.0 | 7201 | 38.2 |
| 80+ | 3007 | 16.3 | 80 | 19.5 | 3087 | 16.4 |
| Sex | 7738 | 42.0 | 201 | 49.0 | 7939 | 42.1 |
| Male |
| Female | 10706 | 58.0 | 209 | 51.0 | 10915 | 57.9 |
| BMI | 6746 | 36.6 | 101 | 24.6 | 6847 | 36.3 |
| Under/normal weight |
| Overweight | 7264 | 39.4 | 152 | 37.1 | 7416 | 39.3 |
| Class I obesity | 3261 | 17.7 | 86 | 21.0 | 3347 | 17.8 |
| Class II-III obesity | 1173 | 6.4 | 71 | 17.3 | 1244 | 6.6 |
| ASA class | 3898 | 21.1 | 44 | 10.7 | 3942 | 20.9 |
| I |
| II | 11325 | 61.4 | 253 | 61.7 | 11578 | 61.4 |
| III | 3221 | 17.5 | 113 | 27.6 | 3334 | 17.7 |
| Diagnosis | 15597 | 84.6 | 329 | 80.2 | 15926 | 84.5 |
| Primary osteoarthritis |
| Secondary osteoarthritis | 1781 | 9.7 | 57 | 13.9 | 1838 | 9.7 |
| Sequelae after childhood hip disease |  |  |  |  | 626 | 3.3 |
| Avascular necrosis of the femoral head (AVN) | 303 | 1.6 | 15 | 3.7 | 318 | 1.7 |
| Inflammatory joint disease |  |  |  |  | 146 | 0.8 |
| Cemented stem | 13511 | 73.3 | 304 | 74.1 | 13815 | 73.3 |
| No |
| Yes | 4933 | 26.7 | 106 | 25.9 | 5039 | 26.7 |
| Cemented cup | 16988 | 92.1 | 365 | 89.0 | 17353 | 92.0 |
| No |
| Yes | 1456 | 7.9 | 45 | 11.0 | 1501 | 8.0 |
| Region | 4879 | 26.5 | 140 | 34.1 | 5019 | 26.6 |
| Hovedstaden |
| Sjælland | 3429 | 18.6 | 95 | 23.2 | 3524 | 18.7 |
| Syddanmark | 4398 | 23.8 | 66 | 16.1 | 4464 | 23.7 |
| Midtjylland | 4361 | 23.6 | 90 | 22.0 | 4451 | 23.6 |
| Nordjylland | 1377 | 7.5 | 19 | 4.6 | 1396 | 7.4 |
| Education | 5994 | 32.5 | 164 | 40.0 | 6158 | 32.7 |
| Low |
| Middle | 8409 | 45.6 | 163 | 39.8 | 8572 | 45.5 |
| High | 4041 | 21.9 | 83 | 20.2 | 4124 | 21.9 |
| Civil status | 1532 | 8.3 | 38 | 9.3 | 1570 | 8.3 |
| . |
| Married | 10724 | 58.1 | 204 | 49.8 | 10928 | 58.0 |
| Divorced | 2861 | 15.5 | 85 | 20.7 | 2946 | 15.6 |
| Widow | 3327 | 18.0 | 83 | 20.2 | 3410 | 18.1 |
| Charlson | 15804 | 85.7 | 328 | 80.0 | 16132 | 85.6 |
| 0 |
| 1 | 2180 | 11.8 | 63 | 15.4 | 2243 | 11.9 |
| 2+ | 460 | 2.5 | 19 | 4.6 | 479 | 2.5 |
| Elixhauser | 14473 | 78.5 | 280 | 68.3 | 14753 | 78.2 |
| 0 |
| 1 | 2639 | 14.3 | 77 | 18.8 | 2716 | 14.4 |
| 2 | 865 | 4.7 | 35 | 8.5 | 900 | 4.8 |
| 3+ | 467 | 2.5 | 18 | 4.4 | 485 | 2.6 |
| Elixhauser | 14473 | 78.5 | 280 | 68.3 | 14753 | 78.2 |
| 0 |
| 1-3 | 3971 | 21.5 | 130 | 31.7 | 4101 | 21.8 |
| Rx index | 8106 | 43.9 | 123 | 30.0 | 8229 | 43.6 |
| -5-0 |
| 1-3 | 6277 | 34.0 | 153 | 37.3 | 6430 | 34.1 |
| 4-6 | 2684 | 14.6 | 86 | 21.0 | 2770 | 14.7 |
| 7+ | 1377 | 7.5 | 48 | 11.7 | 1425 | 7.6 |
| AIDS/HIV | 18436 | 100.0 | 410 | 100.0 | 18846 | 100.0 |
| No |
| Yes | 8 | 0.0 | 0 | 0 | 8 | 0.0 |
| Anemia | 18395 | 99.7 | 410 | 100.0 | 18805 | 99.7 |
| No |
| Yes | 49 | 0.3 | 0 | 0 | 49 | 0.3 |
| Arrhythmia | 17629 | 95.6 | 382 | 93.2 | 18011 | 95.5 |
| No |
| Yes | 815 | 4.4 | 28 | 6.8 | 843 | 4.5 |
| Arterial hypertension | 17049 | 92.4 | 365 | 89.0 | 17414 | 92.4 |
| No |
| Yes | 1395 | 7.6 | 45 | 11.0 | 1440 | 7.6 |
| Cancer | 17642 | 95.7 | 390 | 95.1 | 18032 | 95.6 |
| No |
| Yes | 802 | 4.3 | 20 | 4.9 | 822 | 4.4 |
| CNS disease | 18151 | 98.4 | 393 | 95.9 | 18544 | 98.4 |
| No |
| Yes | 293 | 1.6 | 17 | 4.1 | 310 | 1.6 |
| Coagulopathy | 18427 | 99.9 | 410 | 100.0 | 18837 | 99.9 |
| No |
| Yes | 17 | 0.1 | 0 | 0 | 17 | 0.1 |
| Diabetes | 17968 | 97.4 | 393 | 95.9 | 18361 | 97.4 |
| No |
| Yes | 476 | 2.6 | 17 | 4.1 | 493 | 2.6 |
| Drug alcohol abuse | 18345 | 99.5 | 404 | 98.5 | 18749 | 99.4 |
| No |
| Yes | 99 | 0.5 | 6 | 1.5 | 105 | 0.6 |
| Fluid electolyte disorders | 18257 | 99.0 | 402 | 98.0 | 18659 | 99.0 |
| No |
| Yes | 187 | 1.0 | 8 | 2.0 | 195 | 1.0 |
| Heart condition | 18036 | 97.8 | 397 | 96.8 | 18433 | 97.8 |
| No |
| Yes | 408 | 2.2 | 13 | 3.2 | 421 | 2.2 |
| Myocardial infarction | 18371 | 99.6 | 410 | 100.0 | 18781 | 99.6 |
| No |
| Yes | 73 | 0.4 | 0 | 0 | 73 | 0.4 |
| Lung airways disease | 17927 | 97.2 | 390 | 95.1 | 18317 | 97.2 |
| No |
| Yes | 517 | 2.8 | 20 | 4.9 | 537 | 2.8 |
| Rheumatic disease | 18072 | 98.0 | 398 | 97.1 | 18470 | 98.0 |
| No |
| Yes | 372 | 2.0 | 12 | 2.9 | 384 | 2.0 |
| Vascular disease | 17959 | 97.4 | 389 | 94.9 | 18348 | 97.3 |
| No |
| Yes | 485 | 2.6 | 21 | 5.1 | 506 | 2.7 |
| Weight loss | 18415 | 99.8 | 410 | 100.0 | 18825 | 99.8 |
| No |
| Yes | 29 | 0.2 | 0 | 0 | 29 | 0.2 |