Table 1. Descriptive statistics.

|  | Total (N=366) | Buiten\_regio (N=62) | EMC\_na2017 (N=110) | EMC\_voor2017 (N=116) | Regio (N=78) |
| --- | --- | --- | --- | --- | --- |
| **Age in years** |  |  |  |  |  |
| Mean (SD) | 55.9 (15.9) | 56.9 (16.2) | 53.9 (15.8) | 59.8 (15.9) | 52.2 (14.7) |
| Median (Q1, Q3) | 56.0 (42.0, 69.0) | 58.0 (46.2, 72.0) | 56.0 (40.0, 66.8) | 60.0 (48.0, 73.0) | 52.0 (40.0, 61.8) |
| Min - Max | 16.0 - 97.0 | 16.0 - 82.0 | 24.0 - 80.0 | 26.0 - 97.0 | 24.0 - 83.0 |
| Missing | 0 | 0 | 0 | 0 | 0 |
| **Sex** |  |  |  |  |  |
| Female | 249 (68.0%) | 37 (59.7%) | 58 (52.7%) | 85 (73.3%) | 69 (88.5%) |
| Male | 117 (32.0%) | 25 (40.3%) | 52 (47.3%) | 31 (26.7%) | 9 (11.5%) |
| **Surgery type** |  |  |  |  |  |
| completion | 74 (20.2%) | 11 (17.7%) | 15 (13.6%) | 23 (19.8%) | 25 (32.1%) |
| total | 292 (79.8%) | 51 (82.3%) | 95 (86.4%) | 93 (80.2%) | 53 (67.9%) |
| **arsenal::includeNA(CHKD)** |  |  |  |  |  |
| No | 247 (67.5%) | 45 (72.6%) | 51 (46.4%) | 80 (69.0%) | 71 (91.0%) |
| Yes | 112 (30.6%) | 17 (27.4%) | 57 (51.8%) | 33 (28.4%) | 5 (6.4%) |
| (Missing) | 7 (1.9%) | 0 (0.0%) | 2 (1.8%) | 3 (2.6%) | 2 (2.6%) |
| **arsenal::includeNA(BSKgezien)** |  |  |  |  |  |
| No | 48 (13.1%) | 3 (4.8%) | 9 (8.2%) | 20 (17.2%) | 16 (20.5%) |
| Yes | 299 (81.7%) | 59 (95.2%) | 97 (88.2%) | 86 (74.1%) | 57 (73.1%) |
| (Missing) | 19 (5.2%) | 0 (0.0%) | 4 (3.6%) | 10 (8.6%) | 5 (6.4%) |
| **arsenal::includeNA(PostPA)** |  |  |  |  |  |
| Benign | 114 (31.1%) | 16 (25.8%) | 17 (15.5%) | 45 (38.8%) | 36 (46.2%) |
| Goiter | 5 (1.4%) | 5 (8.1%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Graves | 4 (1.1%) | 4 (6.5%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Malignant | 240 (65.6%) | 36 (58.1%) | 91 (82.7%) | 71 (61.2%) | 42 (53.8%) |
| Thyreotoxicosis | 1 (0.3%) | 1 (1.6%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| (Missing) | 2 (0.5%) | 0 (0.0%) | 2 (1.8%) | 0 (0.0%) | 0 (0.0%) |
| **arsenal::includeNA(BSKreimp)** |  |  |  |  |  |
| No | 320 (87.4%) | 53 (85.5%) | 81 (73.6%) | 112 (96.6%) | 74 (94.9%) |
| Yes | 42 (11.5%) | 5 (8.1%) | 29 (26.4%) | 4 (3.4%) | 4 (5.1%) |
| (Missing) | 4 (1.1%) | 4 (6.5%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| **PTH at baseline** |  |  |  |  |  |
| Mean (SD) | 4.4 (2.3) | 4.5 (2.1) | 3.1 (1.9) | 4.7 (1.7) | 5.6 (3.0) |
| Median (Q1, Q3) | 4.0 (2.7, 5.5) | 4.2 (3.2, 5.2) | 2.5 (2.0, 3.7) | 4.6 (3.7, 5.5) | 5.3 (3.6, 7.2) |
| Min - Max | 0.3 - 15.9 | 1.0 - 13.8 | 0.5 - 13.0 | 1.1 - 10.8 | 0.3 - 15.9 |
| Missing | 19 | 0 | 6 | 4 | 9 |
| **PTH at 24 hours** |  |  |  |  |  |
| Mean (SD) | 1.7 (1.3) | 1.8 (1.3) | 1.2 (1.0) | 1.7 (1.2) | 2.2 (1.7) |
| Median (Q1, Q3) | 1.4 (0.5, 2.4) | 1.6 (0.7, 2.7) | 1.1 (0.5, 1.6) | 1.5 (0.6, 2.6) | 2.1 (0.6, 3.3) |
| Min - Max | 0.1 - 8.0 | 0.1 - 5.4 | 0.1 - 4.5 | 0.4 - 4.9 | 0.3 - 8.0 |
| Missing | 28 | 0 | 7 | 11 | 10 |
| **Delta PTH** |  |  |  |  |  |
| Mean (SD) | 55.4 (38.0) | 53.6 (44.0) | 53.4 (45.8) | 59.6 (28.6) | 53.3 (30.9) |
| Median (Q1, Q3) | 60.4 (35.9, 84.7) | 61.8 (30.2, 84.4) | 61.0 (38.9, 86.1) | 64.3 (36.0, 85.2) | 58.1 (38.4, 79.4) |
| Min - Max | -220.0 - 98.4 | -171.4 - 98.0 | -220.0 - 98.4 | -17.4 - 96.3 | -29.2 - 97.0 |
| Missing | 47 | 0 | 13 | 15 | 19 |
| **Albu at baseline** |  |  |  |  |  |
| Mean (SD) | 42.8 (4.2) | 43.3 (3.9) | 42.7 (4.5) | 44.3 (3.2) | 39.8 (3.9) |
| Median (Q1, Q3) | 43.0 (40.0, 46.0) | 44.0 (41.0, 46.0) | 44.0 (40.0, 46.0) | 44.0 (42.0, 47.0) | 39.0 (37.5, 43.0) |
| Min - Max | 30.0 - 51.0 | 35.0 - 51.0 | 30.0 - 51.0 | 35.0 - 51.0 | 31.0 - 49.0 |
| Missing | 20 | 0 | 3 | 6 | 11 |
| **Albu at 24 hours** |  |  |  |  |  |
| Mean (SD) | 37.5 (4.8) | 37.2 (3.0) | 37.2 (5.6) | 39.2 (4.7) | 35.8 (4.0) |
| Median (Q1, Q3) | 38.0 (35.0, 40.0) | 37.0 (35.0, 39.0) | 38.0 (35.0, 41.0) | 40.0 (38.0, 41.0) | 36.0 (33.0, 39.0) |
| Min - Max | 0.8 - 48.0 | 31.0 - 48.0 | 0.8 - 46.0 | 2.2 - 47.0 | 27.0 - 45.0 |
| Missing | 14 | 5 | 0 | 7 | 2 |
| **Calcium at baseline** |  |  |  |  |  |
| Mean (SD) | 2.4 (0.1) | 2.4 (0.1) | 2.4 (0.1) | 2.4 (0.1) | 2.3 (0.1) |
| Median (Q1, Q3) | 2.4 (2.3, 2.4) | 2.4 (2.3, 2.5) | 2.4 (2.3, 2.4) | 2.4 (2.3, 2.4) | 2.4 (2.2, 2.4) |
| Min - Max | 2.1 - 3.0 | 2.1 - 3.0 | 2.2 - 2.7 | 2.1 - 2.6 | 2.1 - 2.6 |
| Missing | 25 | 0 | 3 | 6 | 16 |
| **Calcium at 24 hours** |  |  |  |  |  |
| Mean (SD) | 2.1 (0.1) | 2.1 (0.2) | 2.1 (0.1) | 2.1 (0.1) | 2.1 (0.2) |
| Median (Q1, Q3) | 2.1 (2.0, 2.2) | 2.1 (2.0, 2.3) | 2.1 (2.0, 2.2) | 2.1 (2.0, 2.2) | 2.1 (2.1, 2.2) |
| Min - Max | 1.7 - 2.6 | 1.8 - 2.4 | 1.7 - 2.6 | 1.7 - 2.5 | 1.7 - 2.4 |
| Missing | 9 | 0 | 0 | 7 | 2 |
| **Delta Calcium** |  |  |  |  |  |
| Mean (SD) | 10.6 (6.2) | 11.7 (7.2) | 11.0 (6.0) | 10.6 (6.1) | 9.1 (5.6) |
| Median (Q1, Q3) | 10.1 (6.7, 14.2) | 11.7 (6.7, 17.0) | 10.8 (8.1, 14.5) | 10.0 (6.7, 13.8) | 8.9 (6.3, 12.4) |
| Min - Max | -8.4 - 27.0 | -8.4 - 27.0 | -3.5 - 25.1 | -3.4 - 25.7 | -6.6 - 22.1 |
| Missing | 26 | 0 | 3 | 7 | 16 |
| **CorrCa at Basline** |  |  |  |  |  |
| Mean (SD) | 2.2 (0.1) | 2.3 (0.1) | 2.3 (0.1) | 2.2 (0.1) | 2.2 (0.1) |
| Median (Q1, Q3) | 2.2 (2.2, 2.3) | 2.3 (2.2, 2.3) | 2.2 (2.2, 2.3) | 2.2 (2.1, 2.2) | 2.2 (2.2, 2.3) |
| Min - Max | 2.0 - 2.8 | 2.1 - 2.8 | 2.0 - 2.7 | 2.0 - 2.4 | 2.0 - 2.5 |
| Missing | 27 | 0 | 3 | 6 | 18 |
| **CorrCa at 24 hours** |  |  |  |  |  |
| Mean (SD) | 2.1 (0.2) | 2.1 (0.1) | 2.1 (0.2) | 2.0 (0.1) | 2.1 (0.2) |
| Median (Q1, Q3) | 2.1 (2.0, 2.2) | 2.0 (1.9, 2.2) | 2.1 (2.0, 2.2) | 2.0 (1.9, 2.1) | 2.1 (2.0, 2.2) |
| Min - Max | 1.6 - 2.7 | 1.7 - 2.4 | 1.7 - 2.7 | 1.7 - 2.7 | 1.6 - 2.4 |
| Missing | 14 | 5 | 0 | 7 | 2 |
| **Delta CorrCa** |  |  |  |  |  |
| Mean (SD) | 7.6 (6.5) | 8.6 (6.6) | 7.9 (6.5) | 7.6 (6.9) | 6.4 (5.7) |
| Median (Q1, Q3) | 7.3 (4.1, 11.7) | 8.3 (4.5, 12.6) | 8.2 (4.7, 11.5) | 7.6 (4.2, 12.1) | 6.1 (3.0, 9.1) |
| Min - Max | -29.8 - 23.1 | -6.0 - 23.1 | -27.7 - 21.0 | -29.8 - 22.5 | -5.5 - 18.0 |
| Missing | 33 | 5 | 3 | 7 | 18 |
| **Hypoparathyroidism** |  |  |  |  |  |
| No | 322 (88.0%) | 50 (80.6%) | 101 (91.8%) | 101 (87.1%) | 70 (89.7%) |
| Yes | 44 (12.0%) | 12 (19.4%) | 9 (8.2%) | 15 (12.9%) | 8 (10.3%) |
| **Readmission** |  |  |  |  |  |
| No | 339 (92.6%) | 59 (95.2%) | 101 (91.8%) | 111 (95.7%) | 68 (87.2%) |
| Yes | 27 (7.4%) | 3 (4.8%) | 9 (8.2%) | 5 (4.3%) | 10 (12.8%) |