**SDC Table 3. Utilization, Timing, and Dose of ICR and PTa**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CABG** | **HVS** | **CABG + HVS** | **Elective PCI** | **Urgent PCI MI** | **Urgent PCI** | **MI** | **HF** |
| **144 133 (10.7)** | **41 012 (3.1)** | **24 787 (1.8)** | **102 830 (7.7)** | **144 173 (10.7)** | **123 321 (9.2)** | **170 730 (12.7)** | **592 551 (44.1)** |
| ICR utilization among all patients | 65 566 (45.5) | 15 176 (37.0) | 10 090 (40.7) | 24 395 (23.7) | 45 135 (31.3) | 29 187 (23.7) | 26 659 (15.6) | 62 520 (10.6) |
| Among patients with ICR |  |  |  |  |  |  |  |  |
| ICR dose, d | 3 (1 - 4) | 3 (1 - 5) | 3 (1 - 5) | 1 (1 - 1) | 1 (1 - 2) | 1 (1 - 1) | 1 (1 - 2) | 1 (1 - 2) |
| First day of  ICR service | 4 (2 - 7) | 4 (2 - 7) | 4 (2 - 8) | 2 (2 - 2) | 2 (2 - 3) | 3 (2 - 4) | 3 (2 - 4) | 2 (2 - 3) |
| Proportion of  hospital days  covered (ICR  dose/LOS) | 0.28 (0.14 - 0.50) | 0.30 (0.14 - 0.50) | 0.25 (0.13 - 0.47) | 0.50 (0.33 - 0.50) | 0.33 (0.25 - 0.50) | 0.33 (0.25 - 0.50) | 0.29 (0.20 - 0.44) | 0.25 (0.17 - 0.40) |
| Proportional  timing of ICR  (first day of  ICR/LOS) | 0.50 (0.30 - 0.75) | 0.43 (0.25 - 0.67) | 0.44 (0.25 - 0.69) | 1.00 (0.50 - 1.00) | 0.67 (0.50 - 0.90) | 0.86 (0.60 - 1.00) | 0.67 (0.40 - 0.83) | 0.50 (0.29 - 0.67) |
| Components of ICR |  |  |  |  |  |  |  |  |
| Evaluation | 17 428 (26.6) | 4159 (27.4) | 2813 (27.9) | 5354 (21.9) | 13 072 (29.0) | 7126 (24.4) | 8303 (31.2) | 17 248 (27.6) |
| Education | 11 526 (17.6) | 2686 (17.7) | 1789 (17.7) | 5551 (22.7) | 9120 (20.2) | 7356 (25.2) | 5298 (19.9) | 14 623 (23.4) |
| Exercise | 47 941 (73.1) | 10 844 (71.4) | 6913 (68.5) | 16 370 (67.1) | 28 781 (63.8) | 17 846 (61.1) | 16 094 (60.4) | 27 358 (43.8) |
| Other | 11 195 (17.1) | 3058 (20.2) | 2002 (19.8) | 4571 (18.7) | 7142 (15.8) | 4647 (15.9) | 4414 (16.6) | 16 422 (26.3) |
| PT utilization among all patients | 81 012 (56.2) | 25 526 (62.2) | 17 278 (69.7) | 5392 (5.2) | 21 194 (14.7) | 14 966 (12.1) | 53 954 (31.6) | 243 231 (41.1) |
| Among patients with PT |  |  |  |  |  |  |  |  |
| PT dose, d | 3 (2 - 5) | 4 (2 - 6) | 4 (2 - 6) | 2 (1 - 4) | 2 (1 - 3) | 2 (1 - 4) | 2 (1 - 3) | 2 (1 - 4) |
| Components of PT |  |  |  |  |  |  |  |  |
| Evaluation | 76 014 (93.8) | 23 915 (93.7) | 16 396 (94.9) | 4794 (88.9) | 18 952 (89.4) | 13 678 (91.4) | 51 050 (94.6) | 232 375 (95.5) |
| Education | 808 (1.0) | 482 (1.9) | 279 (1.6) | 13 (0.2) | 157 (0.7) | 120 (0.8) | 406 (0.8) | 1644 (0.7) |
| Exercise | 70 682 (87.3) | 22 869 (89.6) | 15 743 (91.1) | 3678 (68.2) | 14 489 (68.4) | 10 430 (69.7) | 38 634 (71.6) | 17 4967 (71.9) |
| Other | 20 367 (25.1) | 6368 (25.0) | 4419 (25.6) | 1005 (18.6) | 5154 (24.3) | 3680 (24.6) | 14 122 (26.2) | 63 356 (26.0) |
| Both PT and ICR | 29 190 (20.3) | 78 27 (19.1) | 6159 (24.9) | 1337 (1.3) | 5773 (4.0) | 3840 (3.1) | 7380 (4.3) | 27 477 (4.6) |
| Neither ICR or PT | 26 745 (18.6) | 81 37 (19.8) | 3578 (14.4) | 74 380 (72.3) | 83 617 (58.0) | 83 008 (67.3) | 97 497 (57.1) | 314 277 (53.0) |

Abbreviations: CABG, coronary artery bypass graft surgery; HF, heart failure; HVS, heart valve surgery; ICR, inpatient cardiac rehabilitation; IQR, interquartile range; PT, physical therapy; LOS, length of stay; MI, myocardial infarction; PCI, percutaneous coronary intervention.

aData reported as number (%) or median (IQR).