Table 2. Pain intensity and opioid consumption with statin-magnesium combination in patients underwent cardiac surgery

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Before matching | | | After matching | | |
|  | No statin-magnesium  (n = 375) | Statin-magnesium  (n = 167) | *P -* value | No statin-magnesium  (n = 114) | Statin-  magnesium  (n = 114) | *P -* value |
| PCA volume containing fentanyl (ml) for 72 hours postoperatively | 341.3 ± 31.3 | 334.1 ± 29.1 | *P* = 0.010 | 341.8 ± 30.8 | 332.3 ± 28.4 | *P* = 0.017 |
| VAS at rest in the first 24 hours postoperatively | 43.0 ± 11.0 | 41.1 ± 11.3 | *P >* 0.05 | 43.0 ± 11.3 | 40.7 ± 11.3 | *P >* 0.05 |
| VAS with movement in the first 24 hours postoperatively | 62.6 ± 10.9 | 60.4 ± 11.4 | *P* = 0.035 | 62.5 ± 11.3 | 60.2 ± 11.2 | *P >* 0.05 |
| VAS at rest in the first 48 hours postoperatively | 33.6 ± 11.9 | 33.4 ± 12.0 | *P >* 0.05 | 33.6 ± 12.0 | 33.3 ± 12.0 | *P >* 0.05 |
| VAS with movement in the first 48 hours postoperatively | 51.7 ± 10.0 | 50.2 ± 11.5 | *P >* 0.05 | 51.7 ± 10.4 | 49.7 ± 11.3 | *P* > 0.05 |
| VAS at rest in the first 72 hours postoperatively | 26.3 ± 7.9 | 26.0 ± 7.8 | *P >* 0.05 | 26.7 ± 7.9 | 25.9 ± 7.5 | *P* > 0.05 |
| VAS with movement in the first 72 hours postoperatively | 39.3 ± 10.5 | 38.3 ± 10.0 | *P >* 0.05 | 39.6 ± 10.8 | 38.1 ± 9.8 | *P* > 0.05 |

Values are expressed as mean ± SD. PCA, patient controlled analgesia. VAS, visual analogue scale