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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | |  | |  | |  | |  | |  | | |  |  | |  |
|  | **In-hospital mortality1** | | | | | | **Length of stay2** | | | | | | **Total hospital cost3** | | | | | |
|  | **OR** | | **95%-CI** | | **P-value** | | **OR** | | **95%-CI** | | **P-value** | | **OR** | **95%-CI** | | | **P-value** | |
| **Radical cystectomy** |  | |  | |  | |  | |  | |  | |  |  | | |  | |
| Open | *Ref.* | |  | |  | | *Ref*. | |  | |  | | *Ref*. |  | | |  | |
| Robotic-assisted | 0.67 | | 0.39-1.16 | | 0.2 | | 0.865 | | 0.83-0.90 | | **<0.001** | | 5,8594 | 4,613-7,106 | | | **<0.001** | |

1 Multivariable logistic regression model;

2 Multivariable Poisson regression model, additionally adjusted for overall complication;

3 Multivariable linear regression model, additionally adjusted for overall complication and length of stay;

4 Change in total hospital costs in $ per unit.

5 Rate ratio

Abbreviation: OR= Odds ratio; 95%-CI= 95%-confidence interval; RC= Radical cystectomy;