

**Supplementary Table 7**

**Progression-free survival (A) and overall survival (B) by general anesthesia technique**

**(A) Progression-free survival (p<0.831)**

|                       | Time Period | Progression  | Median survival (95% CI) | Survivor Function (95% CI) |
|-----------------------|-------------|--------------|--------------------------|----------------------------|
| TIVA<br>(n = 36)      | Overall     | 34 (94.44%)  | 0.52 (0.40-0.98)         |                            |
|                       | 1 year      | 24 (66.67%)  |                          | 0.33 (0.19-0.49)           |
|                       | 2 year      | 5 (13.89%)   |                          | 0.19 (0.09-0.34)           |
|                       | 5 year      | 3 (8.33%)    |                          | 0.11 (0.04-0.24)           |
|                       | 10 year     | 2 (5.56%)    |                          |                            |
| Volatile<br>(n = 391) | Overall     | 341 (87.21%) | 0.53 (0.45-0.61)         |                            |
|                       | 1 year      | 263 (67.26%) |                          | 0.30 (0.26-0.35)           |
|                       | 2 year      | 49 (12.53%)  |                          | 0.17 (0.13-0.21)           |
|                       | 5 year      | 20 (5.12%)   |                          | 0.10 (0.07-0.14)           |
|                       | 10 year     | 8 (2.05%)    |                          | 0.060.03-0.09)             |

**(B) Overall survival (p<0.685)**

|                       | Time Period | Progression  | Median survival (95% CI) | Survivor Function (95% CI) |
|-----------------------|-------------|--------------|--------------------------|----------------------------|
| TIVA<br>(n = 36)      | Overall     | 25 (69.44%)  | 1.30 (0.88-3.85)         |                            |
|                       | 1 year      | 14 (38.89%)  |                          | 0.60 (0.42-0.74)           |
|                       | 2 year      | 7 (19.44%)   |                          | 0.40 (0.24-0.56)           |
|                       | 5 year      | 3 (8.33%)    |                          | 0.26 (0.11-0.44)           |
|                       | 10 year     | 1 (2.78%)    |                          | 0.13 (0.01-0.38)           |
| Volatile<br>(n = 391) | Overall     | 258 (65.98%) | 1.30 (1.16-1.48)         |                            |
|                       | 1 year      | 143 (36.57%) |                          | 0.60 (0.55-0.65)           |
|                       | 2 year      | 76 (19.44%)  |                          | 0.36 (0.30-0.41)           |
|                       | 5 year      | 30 (7.67%)   |                          | 0.23 (0.18-0.28)           |
|                       | 10 year     | 9 (2.30%)    |                          | 0.16 (0.11-0.21)           |

*CI, confidence interval; TIVA, total intravenous anesthesia*