**Supplementary Table S1** The complete search strategy of PubMed

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| Number | Search terms |
| 1 | Remimazolam\* |
| 2 | Propofol [Mesh] |
| 3 | Propofol\* |
| 4 | 2 OR 3 |
| 5 | Randomized controlled trial |
| 6 | Randomized |
| 7 | Randomly |
| 8 | random |
| 9 | 5 OR 6 OR 7 OR 8 |
| 10 | quality of recovery |
| 11 | recovery quality |
| 12 | QoR |
| 13 | 10 OR 11 OR 12 |
| 14 | 1 AND 4 AND 9 AND13 |