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| **Table 1. Summary of GHG emissions from pharmaceuticals** | | | | |
| Item | Average amount |  | Conversion factor  (KgCO2e/ Kg or MAC-h) | Total GWP (KgCO2e) |
| Midazolam | 0.9 | mg | 444 | 3.81E-04 |
| Fentanyl | 128.6 | mcg | 96 | 1.23E-05 |
| Propofol | 250.0 | mg | 21 | 5.25E-03 |
| Dexmedetomidine | 3.8 | mcg | 3006 | 1.13E-05 |
| Sevoflurane, % O₂/N₂O: 100/0 | 0.6 | MAC-h | 3 | 1.91E+00 |
| Rocuronium bromide | 47.1 | mg | 144 | 6.79E-03 |
| Ketolorac | 4.3 | mg | 66 | 2.83E-04 |
| Diclofenac | 42.9 | mg | 66 | 2.83E-03 |
| Suggamadex | 171.4 | mg | 12 | 2.06E-03 |
| Paracetamol | 428.6 | mg | 66 | 2.85E-02 |
| Morphine sulfate | 4.9 | mg | 2040 | 9.91E-03 |
| Ondasetron | 2.3 | mg | 37 | 8.46E-05 |
| Total |  |  |  | 1.97E+00 |

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| **Table 2. Summary of GHG from consumables** | | | | |
| Item | Quantity (units) | | GWP / Unit (KgCO2e) | Total GWP (KgCO2e) |
| Surgical face mask, type IIR, fluid-resistant, polypropylene | 5 | 0.01 | | 0.07 |
| Reusable scrub suit | 5 | 0.10 | | 0.48 |
| Non-sterile surgical gloves | 10 | 0.05 | | 0.51 |
| Surgical gown, single-use, polypropylene | 2 | 0.54 | | 1.08 |
| Sterile surgical gloves | 2 | 0.76 | | 1.52 |
| Surgical drape | 3 | 1.06 | | 3.19 |
| Total |  |  | | 6.84 |

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| **Table 3. Summary of GHG from utilities** | | |
| Item | Usage (kWh) | GWP (KgCO2e) |
| HVAC | 95.59 | 21.69 |
| Lighting | 3.18 | 0.72 |
| Theatre plugs | 0.82 | 0.19 |
| Total | 99.59 | 22.60 |