**Tables**

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| Table 1. Baseline characteristics | | | | | | | | | | | | | |
| Author, year | Country | | Study design | Population | Intervention | Population number | Age (years, mean ±S.D.) | Female (n) | ASA score  1 | ASA score  2 | ASA score  3 | ASA score 4 | Charlson score |
|  | |  | | | | | | | | | |  |  |
| Casillas *et al*, 2013 | USA | | Prospective cohort | Colon cancer  Bening | LR | 68 | 56 (12) | 30 | 0 | 56 | 12 | 0 | NR |
| RR | 52 | 65 (12) | 27 | 1 | 31 | 20 | 0 | NR |
| *Davis et al.,* 2014 | USA | | Retrospective cohort | Colon cancer  Bening | LR | 326 | NR | NR | NR | NR | NR | NR | NR |
| RR | 207 |
| Vasudevan *et al*., 2014 | USA | | Retrospective cohort | Colon cancer  Bening | LR | 43 | NR | NR | NR | NR | NR | NR | NR |
| RR | 24 | 74 (NR) | 9 | NR | NR | NR | NR | NR |
| Guerrieri *et al*., 2015 | Italy | | Retrospective cohort | Colon cancer  Bening | LR | 6 | 65 (NR)  74 (NR) | 5  9 | NR  NR | NR  NR | NR  NR | NR  NR | NR |
| RR | 18 | NR |
| Ferrara *et al*., 2016 | Italy | | Retrospective cohort | Colon cancer | LR | 11 | NR | NR | NR | NR | NR | | NR |
| RR | 13 | NR | 116 | NR | NR | 110 | | NR |
| Dolejs *et al*., 2017 | USA | | Retrospective cohort | Colon cancer  Bening | LR | 249 | NR | 139 | NR | NR | 106 | NR |  |
| RR | 226 | NR | 116 | NR | NR | 110 | NR |  |
| Dixon *et al.,* 2020 | UK | | Prospective cohort | Colon cancer  Bening | LR | 14 | 62. 5 (13.8)  53.8 (16) | 7  3 | NR  NR | 11  9 | 3  0 | NR  NR | 4 (0-9) |
| RR | 9 | 1 (0-5) |
| Nasseri *et al*., 2021 | USA | | Retrospective cohort | Colon cancer  Bening | LR | 34 | 64.1 (12.3)  72.1 (12.5) | 14 | 16  15 | | 18  23 | | 4.6 (1.9) |
| RR | 38 | 17 | 5.1 (2.3) |
| Mlambo *et al*., 2022 | USA | | Retrospective cohort | Colon cancer  Bening | LR | 4107 | NR | 2225 | NR | | NR | | NR |
| RR | 8069 |  | 4142 |  | |  | |  |
|  |  | | **Total** | | | 13514 | 64.1 (9.8) | 6734 | ASA 1-2 LR 83 (37.39) | | ASA 3-4 LR 139 (62.61) | | LR 4.3 (1.9) |
|  |  | |  | | |  |  |  | ASA 1-2 RR 56 (21.14) | | ASA 3-4 RR 176 (75.86) | | RR 3.05 (2.3) |
| Abbreviations: LR: left robotic, RR: right robotic, NR: no reported, USA: United States, UK: United Kingdom, SD: standard deviation | | | | | | | | | | | | | |