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| --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table 1. Baseline characteristics of subgroup analysis according to tumor size | | | | | | |
|  | size≤5mm | | | 5mm＜size≤10mm | | |
|  | mEMR-C  (n = 15) | ESD  (n = 17) | p value | mEMR-C  (n = 23) | ESD  (n = 24) | p value |
| Age (years) |  |  |  |  |  |  |
| Mean (SD) | 46.13 (8.54) | 46.71 (9.19) | 0.857 | 44.22 (11.05) | 47.96 (12.90) | 0.292 |
| Gender: n (%) |  |  |  |  |  |  |
| Female | 5 (33.3) | 5 (29.4) | 0.811 | 11 (47.8) | 11 (45.8) | 0.891 |
| Male | 10 (66.7) | 12 (70.6) |  | 12 (52.2) | 13 (54.2) |  |
| Tumor size (cm) |  |  |  |  |  |  |
| Mean (SD) | 3.92 (0.83) | 4.19 (0.65) | 0.502 | 7.57 (1.73) | 8.10 (1.40) | 0.262 |
| Location (distance from anus) (cm) |  |  |  |  |  |  |
| Mean (SD) | 7.71 (3.00) | 5.88 (1.86) | 0.060 | 6.75 (1.91) | 6.70 (1.94) | 0.884 |
| Preoperative EUS: n (%) |  |  |  |  |  |  |
| Mucosa | 9 (60.0) | 12 (70.6) | 0.843 | 14 (60.9) | 10 (41.7) | 0.213 |
| Submucosa | 5 (33.3) | 5 (29.4) |  | 6 (26.1) | 12 (50.0) |  |
| EUS was not performed | 1 (6.7) | 0 (0) |  | 3 (13.0) | 2 (8.3) |  |

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| Supplementary Table 2. Intervention and Hospitalization characteristics of subgroup analysis according to tumor size | | | | | | |
|  | mEMR-C  (n = 15) | ESD  (n = 17) | p value | mEMR-C  (n =23) | ESD  (n =24) | p value |
| Primary endpoint |  |  |  |  |  |  |
| Histological complete resection: n (%) | 14 (93.3) | 16 (94.1) | 1.000 | 23 (100) | 22 (91.7) | 0.489 |
| Secondary endpoint |  |  |  |  |  |  |
| En bloc resection: n (%) | 15 (100) | 17 (100) | 1.000 | 23 (100) | 24 (100) | 1.000 |
| Operation time (mins) |  |  |  |  |  |  |
| Mean (SD) | 8.20 (3.73) | 25.24 (8.56) | ＜0.05 | 9.35 (5.10) | 24.50 (9.70) | ＜0.05 |
| Intraoperative complication: n (%) |  |  |  |  |  |  |
| Bleeding: n (%) | 0 (0) | 0 (0) | 1.000 | 0 (0) | 0 (0) | 1.000 |
| Perforation: n (%) | 0 (0) | 0 (0) |  | 0 (0) | 0 (0) |  |
| Postoperative complication: n (%) |  |  |  |  |  |  |
| Bleeding: n (%) | 1 (6.7) | 1 (5.9) | 0.879 | 2 (8.7) | 1 (4.2) | 0.413 |
| Perforation: n (%) | 0 (0) | 0 (0) |  | 1 (4.3) | 0 (0) |  |
| Operation success: n (%) | 15 (100) | 17 (100) | 1.000 | 23 (100) | 24 (100) | 1.000 |
| Operating cost ($) |  |  |  |  |  |  |
| Mean (SD) | 839.00 (152.01) | 1389.52 (343.96) | ＜0.05 | 800.64 (178.53) | 1408.11 (481.22) | ＜0.05 |
| Hospitalization cost ($) |  |  |  |  |  |  |
| Mean (SD) | 2119.72  (504.90) | 3024.08  (864.00) | ＜0.05 | 2308.14 (830.31) | 2961.19 (894.88) | ＜0.05 |
| Length of Hospitalization (days) |  |  |  |  |  |  |
| Mean (SD) | 6.27 (2.82) | 5.47 (2.48) | 0.370 | 6.22 (2.83) | 5.92 (2.06) | 0.905 |
| Histological classification: n (%) |  |  |  |  |  |  |
| NET G1 | 15 (100) | 16 (94.1) | 1.000 | 19 (82.6) | 21 (87.5) | 0.701 |
| NET G2 | 0 (0) | 1 (5.9) |  | 4 (17.4) | 3 (12.5) |  |
| NET G3 | 0 (0) | 0 (0) |  | 0 (0) | 0 (0) |  |
| NEC | 0 (0) | 0 (0) |  | 0 (0) | 0 (0) |  |