**Supplementary Table 1: Comparison of VCE and MPCTE based on Approach of DBE (Anterograde *vs* Retrograde)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Antegrade Approach** | | | | **Retrograde Approach** | | | |
|  | |  | | **95%CI** | | **95%CI** | | | |
| **Comparison Test** | **Statistic** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** |
| VCE | TOTAL N | 254 |  |  |  | 83 |  |  |  |
|  | Sensitivity | 142/190 | 74.7 | 68.6 | 80.9 | 29/43 | 67.4 | 53.4 | 81.4 |
|  | Specificity | 14/64 | 21.9 | 11.7 | 32.0 | 16/40 | 40.0 | 24.8 | 55.2 |
|  | DX YIELD | 192/254 | 75.6 | 70.3 | 80.9 | 53/83 | 63.9 | 53.5 | 74.2 |
|  | ACCURACY | 156/254 | 61.4 | 55.4 | 67.4 | 45/83 | 54.2 | 43.5 | 64.9 |
| MPCTE | TOTAL N | 187 |  |  |  | 65 |  |  |  |
|  | Sensitivity | 44/130 | 33.8 | 25.7 | 42.0 | 11/27 | 40.7 | 22.2 | 59.3 |
|  | Specificity | 42/57 | 73.7 | 62.3 | 85.1 | 26/38 | 68.4 | 53.6 | 83.2 |
|  | DX YIELD | 59/187 | 31.6 | 24.9 | 38.2 | 23/65 | 35.4 | 23.8 | 47.0 |
|  | ACCURACY | 86/187 | 46.0 | 38.8 | 53.1 | 37/65 | 56.9 | 44.9 | 69.0 |

**Supplementary Table 2: Comparison of VCE and MPCTE based on the location of procedure (Inpatient *vs* Outpatient)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Inpatient** | | | | **Outpatient** | | | |
|  | |  | | **95%CI** | |  | | **95%CI** | |
| **Comparison Test** | **Statistic** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** |
| VCE | TOTAL N | 73 |  |  |  | 264 |  |  |  |
|  | Sensitivity | 45/53 | 84.9 | 75.3 | 94.5 | 126/180 | 70.0 | 63.3 | 76.7 |
|  | Specificity | 9/20 | 45.0 | 23.2 | 66.8 | 21/84 | 25.0 | 15.7 | 34.3 |
|  | DX YIELD | 56/73 | 76.7 | 67.0 | 86.4 | 189/264 | 71.6 | 66.2 | 77.0 |
|  | ACCURACY | 54/73 | 74.0 | 63.9 | 84.0 | 147/264 | 55.7 | 49.7 | 61.7 |
| MPCTE | TOTAL N | 49 |  |  |  | 203 |  |  |  |
|  | Sensitivity | 16/35 | 45.7 | 29.2 | 62.2 | 39/122 | 32.0 | 23.7 | 40.2 |
|  | Specificity | 10/14 | 71.4 | 47.8 | 95.1 | 58/81 | 71.6 | 61.8 | 81.4 |
|  | DX YIELD | 20/49 | 40.8 | 27.1 | 54.6 | 62/203 | 30.5 | 24.2 | 36.9 |
|  | ACCURACY | 26/49 | 53.1 | 39.1 | 67.0 | 97/203 | 47.8 | 40.9 | 54.7 |

**Supplementary Table 3: Comparison of VCE and MPCTE based on the type of bleeding (Overt *vs* Occult)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Overt** | | | | **Occult** | | | |
|  | |  | | **95%CI** | |  | | **95%CI** | |
| **Comparison Test** | **Statistic** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** | **Count Summary** | **%** | **Lower Limit** | **Upper Limit** |
| VCE | TOTAL N | 170 |  |  |  | 167 |  |  |  |
|  | Sensitivity | 87/117 | 74.4 | 66.4 | 82.3 | 84/116 | 72.4 | 64.3 | 80.5 |
|  | Specificity | 16/53 | 30.2 | 17.8 | 42.5 | 14/51 | 27.5 | 15.2 | 39.7 |
|  | DX YIELD | 124/170 | 72.9 | 66.3 | 79.6 | 121/167 | 72.5 | 65.7 | 79.2 |
|  | ACCURACY | 103/170 | 60.6 | 53.2 | 67.9 | 98/167 | 58.7 | 51.2 | 66.2 |
| MPCTE | TOTAL N | 122 |  |  |  | 130 |  |  |  |
|  | Sensitivity | 30/76 | 39.5 | 28.5 | 50.5 | 25/81 | 30.9 | 20.8 | 40.9 |
|  | Specificity | 34/46 | 73.9 | 61.2 | 86.6 | 34/49 | 69.4 | 56.5 | 82.3 |
|  | DX YIELD | 42/122 | 34.4 | 26.0 | 42.9 | 40/130 | 30.8 | 22.8 | 38.7 |
|  | ACCURACY | 64/122 | 52.5 | 43.6 | 61.3 | 59/130 | 45.4 | 36.8 | 53.9 |