

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

Comparis on Test	Statistic	Antegrade Approach				Retrograde Approach			
		Count	%	95%CI		Count	%	95%CI	
		Summa ry		Lower Limit	Upper Limit	Summa ry		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)**

Comparison Test	Statistic	Inpatient				Outpatient			
		Count Summary	%	95%CI		Count Summary	%	95%CI	
				Lower Limit	Upper Limit			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)**

Comparis on Test	Statistic	Overt				Occult			
		Count Summa ry	%	95%CI		Count Summa ry	%	95%CI	
				Low er Limit	Uppe r Limit			Low er Limit	Uppe r 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
	ACCURA CY	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

	ACCURA	64/122	52.	43.6	61.3	59/130	45.	36.8	53.9
	CY		5				4		