

Supplemental table 6: Demographic and clinical characteristics

Factor	Normal Pouch (N=7)	Refractory Pouchitis (N=10)	CD (N=13)	p-value
Gender				0.41 ^c
. Male	5(71.4)	4(40.0)	6(46.2)	
. Female	2(28.6)	6(60.0)	7(53.8)	
Caucasian	7(100.0)	10(100.0)	13(100.0)	---
Age at IBD (yrs)	20.4±9.5	27.2±10.5	25.3±13.2	0.49 ^a
Age at pouch (yrs)	32.9±9.4	40.2±10.6	30.4±13.3	0.14 ^a
Age at sample (yrs)	42.7±11.6	51.0±8.8	45.8±15.1	0.39 ^a
IBD duration at pouch (mo)	138.4[43.9,246.8]	150.7[82.8,192.6]	55.0[23.9,83.8]	0.014^b
Reason for pouch				0.89 ^d
. Dysplasia/cancer	2(28.6)	4(40.0)	4(30.8)	
. Refractory disease	5(71.4)	6(60.0)	9(69.2)	
Pouch type				0.99 ^d
. J	7(100.0)	10(100.0)	12(92.3)	
. S	0(0.0)	0(0.0)	1(7.7)	
Days from pouch to ileostomy closure	3.0[0.00,7.3]	3.0[2.8,4.0]	4.4[3.0,8.0]	0.22 ^b
Pre-op diagnosis				0.78 ^d
. UC	6(85.7)	10(100.0)	11(84.6)	
. CD	0(0.0)	0(0.0)	1(7.7)	
. IC	1(14.3)	0(0.0)	1(7.7)	
Extent of IBD pre-op				0.57 ^d
. Extensive colitis,	7(100.0)	9(90.0)	13(100.0)	
. L sided colitis,	0(0.0)	1(10.0)	0(0.0)	
Perianal disease	1(14.3)	0(0.0)	4(30.8)	0.16 ^d
Pre-op biologics	2(28.6)	3(30.0)	2(15.4)	0.64 ^d
Pre-op Immunomodulators	2(28.6)	6(60.0)	1(7.7)	0.019^d
Family history of IBD	1(14.3)	4(40.0)	7(53.8)	0.26 ^d
PSC	1(14.3)	4(40.0)	1(7.7)	0.18 ^d

Values presented as Mean ± SD, Median [P25, P75] or N (column %).

p-values: a=ANOVA, b=Kruskal-Wallis test, c=Pearson's chi-square test, d=Fisher's Exact test.