**Supplemental Table 1.** Demographic and disease information for control and IBD patients

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| --- | --- | --- | --- | --- | --- | --- |
| **Patient ID** | **Age (y)** | **Sex** | **Diagnosis** | **IBD Duration (y)** | **Medications** | **Colonoscopy Findings** |
| UC1 | 63 | F | Ulcerative colitis | 15 | asacol, inmuran | Proctosigmoiditis |
| CD1 | 29 | F | Crohn’s disease | 2 | humira | Active mild colitis |
| CD2 | 41 | M | Crohn’s disease\* | 16 | vasotec | Active Crohn’s disease at ileocolonic anastomosis |
| UC2 | 25 | M | Ulcerative colitis | 2 | sulfazalazine | Mild proctosigmoiditis |
| CD3 | 23 | M | Crohn’s disease | 3 | humira, imuran, folic acid | Active Crohn’s disease with ileocecal valve involvement |
| CD4 | 55 | M | Crohn’s disease\* | 10 | asacol | Crohn’s ileocolitis with small external hemorrhoids |
| CD5 | 38 | M | Crohn’s disease\* | 8 | remicade | Active disease at ileocolonic anastomosis |
| CD6 | 32 | F | Crohn’s disease\* | 8 | remicade | Mild sigmoiditis with internal / external hemorrhoids |
| CD7 | 28 | M | Crohn’s disease\* | 2 | humira | Friable ileocecal valve anastomosis with small aphtous ulcer; mild distal proctitis. |
| UC3 | 70 | F | Ulcerative colitis | 8 | asacol | Mild proctitis |
| C1 | 50 | F | HTN, dyslipidemia, DM-2 | - | avapro, zocor, glipizide, insulin, klonopin | Normal study |
| C2 | 55 | F | HTN  | - | losartan | Single diminutive sessile polyp |
| C3 | 67 | M | DM-2, post-liver transplant secondary to ETOH | - | folic acid, glipizide, prograf | Hemorrhoids internal/external |
| C4 | 54 | M | HIV | - | sustiva, viread, epivir | External hemorrhoids |
| C5 | 63 | M | HTN, hypothyroidism, CKD, post-liver transplant secondary to ETOH | - | prograf, propranolol, pepcid, simvastatin | Normal study |
| C6 | 57 | F | Hypothyroidism, GERD | - | zantac, prilosec, synthroid |  |
| C7 | 55 | M | HTN, dyslipidemia, anxiety, depression | - | losartan, plavix, norvasc, zocor, klonopin, trazodone, venlafaxine | Two polyps <1cm, both tubular adenomas |
| C8 | 59 | F | Hypothyroidism, depression, anxiety | - | synthroid, neurontin, zoloft, clonazepam, prozom | Moderate pandiverticulosis |
| C9 | 56 | F | DM-2, dyslipidemia, NASH | - | simvastatin, aspirin, gliburide | Normal sigmoidoscopy/normal virtual colonoscopy |
| C10 | 51 | F | None reported | - | none | Two small sessile polyps-hyperplastic polyps; left side diverticulosis |

F, female; M, male; HTN, hypertension; DM-2, type 2 diabetes mellitus; HIV, human immunodeficiency virus; CKD, chronic kidney disease; GERD, gastroesophageal reflux disease; NASH, nonalcoholic steatohepatitis. \*IBD-related surgery.