**Table, Supplemental Digital Content 1.** Demographics

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| --- | --- | --- | --- | --- | --- |
|  | Active EoE  N = 32 | Inactive EoE  N = 10 | NERD  N = 32 | Control  N = 53 | *P* value |
| Age (years),  Mean ± SD | 10.1 ± 4.7 | 11.7 ± 4.0 | 9.7 ± 4.8 | 11.2 ± 5.1 | .4 |
| Male n (%) | 27 (84%) | 7 (70%) | 18 (56%) | 22 (42%) | .001 |
| Race n (%):  White  Black  Hispanic  Asian  Other | 26 (81%)  5 (16%)  -  -  1 (3%) | 9 (90%)  -  -  -  1 (10%) | 27 (84%)  2 (6%)  -  2 (6%)  1 (3%) | 48 (91%)  2 (4%)  2 (4%)  1 (2%)  - | .162 |
| BMI (kg/m2) Mean ± SD | 21.9 ± 8.5 | 20 ± 4.0 | 19.3 ± 5.8 | 21.9 ± 7.1 | .6 |
| Chief Complaint n (%):  Asymptomatic  Dyspepsia  Other Abdominal Pain  Nausea/Vomiting  Dysphagia  Coughing  Reflux/heartburn  Chest pain  Weight loss, poor growth  Feeding difficulty  Diarrhea  Other | 6 (19%)  4 (13%)  1 (3%)  7 (22%)  5 (15%)  -  4 (13%)  2 (6%)  -  1 (3%)  -  2 (6%) | 6 (60%)  -  -  3 (30%)  1 (10%)  -  -  -  -  -  -  - | -  6 (19%)  3 (9%)  4 (13%)  1 (3%)  3 (9%)  6 (19%)  2 (6%)  2 (6%)  3 (9%)  1 (3%)  1 (3%) | 1 (2%)  20 (38%)  7 (13%)  7 (13%)  1 (2%)  1 (2%)  6 (11%)  2 (4%)  3 (6%)  1 (2%)  1 (2%)  3 (6%) |  |
| Current Proton Pump Inhibitor Treatment:  Yes  n (%) | 27 (84%) | 9 (90%) | 21 (66%) | 30 (57%) | .024 |
| Current Budesonide/fluticasone  Treatment:  Yes  n (%) | 24 (75%) | 8(80%) | 0 (0%) | 0 (0%) | < .001 |
| Current diet restriction  Yes  n (%) | 16(50%) | 6 (60%) | 0(0%) | 0(0%) | < .001 |
| Eosinophil Counts (hpf) Mean ± SD | 69.3 ± 59.9 | 2.3 ± 3.2 | 1.0 ± 1.9 | 0 ± 0 | < .001 |
| Endoscopic Findings n (%):  Normal  Edema  Rings  Exudates  Furrowing  Strictures | 7 (22%)  2 (6%)  3 (9%)  5 (16%)  23 (72%)  2 (6%) | 8 (80%)  0 (0%)  0 (0%)  0 (0%)  1 (10%)  0 (0%) | 32 (100%)  0 (0%)  0 (0%)  0 (0%)  0 (0%)  0 (0%) | 53(100%)  0 (0%)  0 (0%)  0 (0%)  0 (0%)  0 (0%) |  |