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

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| --- | --- | --- | --- | --- | --- |
|  | Active EoEN = 32 | Inactive EoEN = 10 | NERDN = 32 | ControlN = 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 (%):WhiteBlackHispanicAsianOther | 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 (%):AsymptomaticDyspepsiaOther Abdominal PainNausea/VomitingDysphagiaCoughingReflux/heartburnChest painWeight loss, poor growthFeeding difficultyDiarrheaOther | 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/fluticasoneTreatment: Yes n (%) | 24 (75%) | 8(80%) | 0 (0%) | 0 (0%) | < .001 |
| Current diet restrictionYes 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 (%):NormalEdemaRingsExudatesFurrowingStrictures | 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%) |  |