**Table S1. Distribution of gastrointestinal symptoms in patients with antralization**

|  |  |  |
| --- | --- | --- |
| Symptoms | Antralization, n (%) | |
| With | Without |
| Epigastric pain |  |  |
| Without | 38 (62.3) | 18(58.1) |
| Mild | 8 (13.1) | 5(16.1) |
| Moderate | 15 (24.6) | 7(22.6) |
| Severe | 0 (0.0) | 1(3.2) |
| Epigastric tightening |  |  |
| Without | 47 (77.0) | 26(83.9) |
| Mild | 14 (23.0) | 5(16.1) |
| Moderate | 0 (0.0) | 0(0.0) |
| Severe | 0 (0.0) | 0(0.0) |
| Anorexia |  |  |
| Without | 56 (91.8) | 26(83.9) |
| Mild | 3 (4.9) | 3(9.7) |
| Moderate | 2 (3.3) | 2(6.5) |
| Severe | 0 (0.0) | 0(0.0) |
| Nausea |  |  |
| Without | 56 (91.8) | 27(87.1) |
| Mild | 5 (8.2) | 3(9.7) |
| Moderate | 0 (0.0) | 1(3.2) |
| Severe | 0 (0.0) | 0(0.0) |
| Vomiting |  |  |
| Without | 58 (95.1) | 30(96.8) |
| Mild | 2 (3.3) | 1(3.2) |
| Moderate | 1 (1.6) | 0(0.0) |
| Severe | 0 (0.0) | 0(0.0) |
| Heartburn |  |  |
| Without | 54 (88.5) | 30(96.8) |
| Mild | 4 (6.6) | 0(0.0) |
| Moderate | 3 (4.9) | 1(3.2) |
| Severe | 0 (0.0) | 0(0.0) |
| Acid reflux |  |  |
| Without | 45 (73.8) \* | 30(96.8) |
| Mild | 10 (16.4) | 1(3.2) |
| Moderate | 5 (8.2) | 0(0.0) |
| Severe | 1 (1.6) | 0(0.0) |
| Borborygmus |  |  |
| Without | 49 (80.3) | 22(71.0) |
| Mild | 7 (11.5) | 6(19.4) |
| Moderate | 5 (8.2) | 3(9.7) |
| Severe | 0 (0.0) | 0(0.0) |
| Bloating |  |  |
| Without | 38 (62.3) | 18(58.1) |
| Mild | 11 (18.0) | 2(6.5) |
| Moderate | 12 (19.7) | 10(32.3) |
| Severe | 0 (0.0) | 1(3.2) |
| Eructation |  |  |
| Without | 45 (73.8) | 23(74.2) |
| Mild | 13 (21.3) | 6(19.4) |
| Moderate | 3 (4.9) | 2(6.5) |
| Severe | 0 (0.0) | 0(0.0) |
| Dysphagia |  |  |
| Without | 58 (95.1) | 31(100.0) |
| Mild | 3 (4.9) | 0(0.0) |
| Moderate | 0 (0.0) | 0(0.0) |
| Severe | 0 (0.0) | 0(0.0) |
| Increased flatus |  |  |
| Without | 48 (78.7) | 24(77.4) |
| Mild | 5 (8.2) | 7(22.6) |
| Moderate | 6 (9.8) | 0(0.0) |
| Severe | 2 (3.3) | 0(0.0) |
| Increased defecation |  |  |
| Once a day | 37 (60.7) | 22(71.0) |
| Three or more times a day | 15 (24.6) | 3(9.7) |
| Five or more times a day | 1 (1.6) | 3(9.7) |
| Seven or more times a day | 0 (0.0) | 0(0.0) |
| Decreased defecation |  |  |
| Once a day | 37 (60.7) | 22(71.0) |
| Once every three days or more | 6 (9.8) | 1(3.2) |
| Once every five days or more | 2 (3.3) | 2(6.5) |
| Once every seven days or more | 0 (0.0) | 0(0.0) |
| Loose stools |  |  |
| Normal | 40 (65.6) | 24(77.4) |
| Slightly diluted stools | 4 (6.6) | 0(0.0) |
| Mushy stool | 3 (4.9) | 2(6.5) |
| Watery stools | 1 (1.6) | 0(0.0) |
| Hard stools |  |  |
| Normal | 40 (65.6) | 24(77.4) |
| Slightly hard stools | 9 (14.8) | 4(12.9) |
| Hard stools | 1 (1.6) | 0(0.0) |
| Hard stools and segmental, or with diarrhea | 3 (4.9) | 1(3.2) |
| Incomplete defecation |  |  |
| Without | 45 (73.8) | 27(87.1) |
| Mild | 15 (24.6) | 3(9.7) |
| Moderate | 1 (1.6) | 1(3.2) |
| Severe | 0 (0.0) | 0(0.0) |
| Hematochezia, n (%) |  |  |
| Without | 52 (85.2) | 29(93.5) |
| Mild | 7 (11.5) | 0(0.0) |
| Moderate | 2 (3.3) | 2(6.5) |
| Severe | 0 (0.0) | 0(0.0) |
| Weight loss, n (%) |  |  |
| No reduction | 52 (85.2) | 29(93.5) |
| Within 5 kg | 7 (11.5) | 2(6.5) |
| Within 10 kg | 1 (1.6) | 0(0.0) |
| More than 10 kg | 1 (1.6) | 0(0.0) |
| Anemia, n (%) |  |  |
| None | 59 (96.7) | 31(100.0) |
| Mild | 1 (1.6) | 0(0.0) |
| Moderate | 1 (1.6) | 0(0.0) |
| Severe | 0 (0.0) | 0(0.0) |

Without, without or transient; mild, experiences symptoms sporadically and some social activities are affected; moderate, experiences symptoms frequently and most social activities are affected; severe, experiences symptoms frequently and social activities are severely affected. # *P* < 0.10; \* *P* < 0.05.