Suppl Table 2: Distribution of manometric disorders according to patient history or clinical signs.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Presenting symptoms | Normal HRM | Achalasia | EJG outflow obstruction | Major disorders | Minor disorders | LES isolated hypotonia | UES disorders | Total |
| Weight loss | **4**  **(4, 3%)** | **11**  **(12%)** | **7**  **(7,6%)** | **8**  **(8,7%)** | **37**  **(40,2%)** | **12**  **(13%)** | **18**  **(19,6%)** | **92** |
| Feeding difficulty | 5  (5,7%) | 4  (4,6%) | 7  (8%) | 4  (4,6%) | 32  (36,8%) | 14  (16,1%) | 29  (33,3%) | 87 |
| Swallowing disorders | 4  (6%) | 2  (2%) | 1  (1,5%) | 1  (1,5%) | 24  (35,8%) | 10  (14,9%) | 34  (50,7%) | 67 |
| Dysphagia | 3  (6,1%) | 9  (18,4%) | 5  (10,2%) | 5  (10,2%) | 11  (22,4%) | 7  (14,3%) | 12  (24,5%) | 49 |
| Food blockages | 3  (7,7%) | 8  (20,5%) | 3  (7,7%) | 9  (23,1%) | 11  (28,2%) | 2  (5,1%) | 5  (12,8%) | 39 |
| Vomiting | 5  (8,9%) | 5  (8,9%) | 2  (3,6%) | 4  (7,1%) | 20  (35,7%) | 15  (26,8%) | 8  (14,3%) | 56 |
| GERD | 11  (9,9%) | 3  (2,7%) | 4  (3,6%) | 6  (5,4%) | 55  (49,5%) | 25  (22,5%) | 14  (12,6%) | 111 |
| Belching | 0  (0%) | 0  (0%) | 0  (0%) | 1  (25%) | 2  (50%) | 1  (25%) | 0  (0%) | 4 |
| Respiratory symptoms | 5  (9,8%) | 4  (7,8%) | 2  (3,9%) | 3  (5,9%) | 18  (35,3%) | 12  (23,5%) | 11  (21,6%) | 51 |
| Patient history |  |  |  |  |  |  |  |  |
| Esophageal Atresia | 0  (0%) | 2  (18,2%) | 0  (0%) | 0  (0%) | 8  (72,7%) | 1  (9,1%) | 0  (0%) | 11 |
| Diaphragmatic hernia | 0  (0%) | 0  (0%) | 2  (40%) | 1  (20%) | 2  (40%) | 0  (0%) | 1  (20%) | 5 |
| Hirschsprung disease/ CIPO | 1  (20%) | 1  (20%) | 0  (0%) | 1  (20%) | 2  (40%) | 0  (0%) | 0  (0%) | 5 |
| Central nervous system disease | 2  (5,6%) | 2  (5,6%) | 0  (0%) | 2  (5,6%) | 15  (41,7%) | 3  (8,3%) | 17  (47,2%) | 36 |
| Peripheral nervous system disease | 0  (0%) | 0  (0%) | 1  (5,9%) | 1  (5,9%) | 5  (29,4%) | 6  (35,3%) | 7  (41,2%) | 17 |
| Poly-malformative syndrome | 1  (4,5%) | 0  (0%) | 3  (13,6%) | 0  (0%) | 12  (54,5%) | 3  (13,6%) | 6  (27,3%) | 22 |
| Metabolic disease | 0  (0%) | 0  (0%) | 0  (0%) | 0  (0%) | 3  (60%) | 0  (0%) | 2  (40%) | 5 |
| Otolaryngologic disease | 1  (10%) | 1  (10%) | 1  (10%) | 0  (0%) | 4  (40%) | 1  (10%) | 3  (30%) | 10 |
| Esophagitis | 0  (0%) | 1  (20%) | 0  (0%) | 1  (20%) | 2  (40%) | 1  (20%) | 0  (0%) | 5 |
| Barret Esophagus | 1  (50%) | 1  (50%) | 0  (0%) | 0  (0%) | 0  (0%) | 0  (0%) | 0  (0%) | 2 |
| Nissen fundoplication | 1  (5%) | 4  (20%) | 7  (35%) | 2  (10%) | 4  (20%) | 2  (10%) | 2  (10%) | 20 |

GERD: Gastro-esophageal reflux disease

CIPO: Chronic intestinal pseudo-obstruction

HRM: High-resolution manometry

EGJ: Esophagogastric junction

LES: Lower esophageal sphincter

UES: Upper esophageal sphincter