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 isolatedhypotonia | 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