

**Table 2.** Causes of functional and organic constipation (synthesis of data available in current literature)<sup>7,15,16</sup>.

| <b>Idiopathic</b>  |                          |                             |                       |                    |
|--|--------------------------|-----------------------------|-----------------------|--------------------|
| Functional constipation  |                          |                             |                       |                    |
| Developmental disorders (behavioral disorders, ADHD, Autism)   |                          |                             |                       |                    |
| Occasional constipation (forced toilet training, phobia, sexual abuse, exaggerated parental interventions) |                          |                             |                       |                    |
| Psychological (eg. depression)   |                          |                             |                       |                    |
| Lazy colon   |                          |                             |                       |                    |
| Genetic predisposition   |                          |                             |                       |                    |
| Environmental (organochlorine insecticides or heavy metals)  |                          |                             |                       |                    |
| Dietary ( low dietary fluid and fiber intake, malnutrition )   |                          |                             |                       |                    |
| <b>Organic</b>   |                          |                             |                       |                    |
| Neuromuscular disorders  | Anatomical lesions       | Systemic diseases           | Drugs                 | Other              |
| Congenital megacolon   | Congenital or acquired   | Cystic fibrosis             | Ferrum                | Cow's milk allergy |
| Intestinal neuronal dysplasia  | rectosigmoid stenosis    | Connective tissue disorders | Diuretics             | Celiac disease     |
| Vertebral lesions  | Ectopic anus             | Diabetes Mellitus           | Codeine/<br>Narcotics |                    |
| Embedded filament  | Congenital colon defects | Diabetes Insipidus          | Antidepressants       |                    |
| Neurofibromatosis  | Gastroschisis            | Hyperthyroidism             | Aluminium antacids    |                    |
| Cerebral palsy   |                          | Hypokaliemia                | Lead poisoning/       |                    |
| Botulism   |                          | Hypothyroidism              | Vitamin D             |                    |
|  |                          | Down syndrome               |                       |                    |
|  |                          | Pelvic tumors               |                       |                    |
|  |                          | MEN 2B Syndrome             |                       |                    |