**Table 1. Comparative frequencies of thickening of various intestinal wall layers in ulcerative colitis and Crohn’s disease, N (%)**

|  |  |  |
| --- | --- | --- |
| **Layer** | **Ulcerative colitis (n = 22)** | **Crohn's disease (n = 28)** |
| Mucosal/submucosal | 18 (82)\* | 2 (7.14) |
| Muscle | 2 (9) | 7 (25) |
| Transmural lesion | 2 (9) | 19 (68)\* |
| No differentiation of the layers | 0 | 19 (68)\* |

\* p < 0.001 for the comparison between the patients with ulcerative colitis and Crohn's disease

**Table 2. Frequencies and types of intestinal wall vascularization in ulcerative colitis and Crohn's disease, N (%)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Vascularization type** | **Ulcerative colitis (n = 22)** | **Crohn's disease (n = 28)** | **P value (Fischer's exact test)** |
| Normal vascularization | 5 (22.7) | 3 (10.6) | р = 0.002 |
| Hypovascularization | 12 (54.6) | 5 (18) |
| Hypervascularization | 5 (22.7) | 20 (71.4) |

**Table 3. Comparative frequencies of various types of intestinal wall assessed by compression elastography in ulcerative colitis and Crohn's disease, N (%)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Types (by E. Ueno)** | **Ulcerative colitis (n = 22)** | **Crohn's disease (n = 28)** | **Control group (n = 15)** | **P value (Fischer's exact test)** |
| Type 1 | 17 (78) | 13 (46) | 14 (94) | р = 0.002 |
| Type 2 | 5 (22) | 15 (54) | 1 (6) |

**Table 4. Endoscopic ultrasound criteria for the differential diagnosis of ulcerative colitis and Crohn's disease**

|  |  |
| --- | --- |
| **Inflammatory bowel disease** | **Criterion** |
| **Predominant thickening of the intestinal wall layer** | **Type of vascularization** | **Type of staining by elastography** | **Differentiation of the intestinal wall layers** |
| Ulcerative colitis | Mucosal/submucosal | Hypovascularization | Type 1 | Yes |
| Crohn's disease | All layers | Hypervascularization | Type 2 | No |