

**Supplementary Table 1**

Geboes scale (ref. 13). Classification of histological inflammation from grade 0 to 5, with sub-grades of severity.

**Grade 0 Structural (architectural change)**

## Subgrades

0.0	No abnormality
0.1	Mild abnormality
0.2	Mild or moderate diffuse or multifocal abnormalities
0.3	Severe diffuse or multifocal abnormalities

**Grade 1 Chronic inflammatory infiltrate**

## Subgrades

1.0	No increase
1.1	Mild but unequivocal increase
1.2	Moderate increase
1.3	Marked increase

**Grade 2 Lamina propria neutrophils and eosinophils**

## 2A Eosinophils

2A. 0	No increase
2A.1	Mild but unequivocal increase
2A.2	Moderate increase
2A.3	Marked increase

## 2B Neutrophils

2B. 0	None
2B.1	Mild but unequivocal increase
2B.2	Moderate increase
2B.3	Marked increase

**Grade 3 Neutrophils in epithelium**

## 3.0 None

3.1	< 5% crypts involved
3.2	< 50% crypts involved
3.3	> 50% crypts involved

**Grade 4 Crypt destruction**

4.0	None
4.1	Probable—local excess of neutrophils in part of crypt
4.2	Probable—marked attenuation
4.3	Unequivocal crypt destruction

**Grade 5 Erosion or ulceration**

5.0	No erosion, ulceration, or granulation tissue
5.1	Recovering epithelium+adjacent inflammation
5.2	Probable erosion—focally stripped
5.3	Unequivocal erosion
5.4	Ulcer or granulation tissue