

EXTREMELY WELL DIFFERENTIATED CARCINOMA

Supplementary Table S4. Retrospective comparative analysis of misdiagnosed pretreatment biopsies

Case No.	Original diagnosis	Revised diagnosis	Reasons for missed diagnoses
2	Hyperplastic foveolar epithelium showing dysplasia	Gastric-type EWDA	Mistaken as hyperplastic foveolar epithelium
3	A few atypical hyperplastic gland clusters, favor reactive Markedly hyperplastic atypical gastric foveolar glands with mild nuclear atypia, favor Menetrier's disease	A few atypical hyperplastic gland clusters, suggestive of adenocarcinoma well differentiated Markedly hyperplastic atypical gastric foveolar glands with mild nuclear atypia, suggestive of adenocarcinoma, well differentiated	Mistaken as hyperplastic foveolar epithelium Mistaken as hyperplastic foveolar epithelium
6	Atypical glandular proliferation	Gastric-type EWDA	Mistaken as foveolar epithelium
7	Chronic active gastritic, marked, with intestinal metaplasia, regenerating atypia and scar	Atypical fundic type glandular proliferation with structural atypia, suggestive of adenocarcinoma, well differentiated	Mistaken as regeneration atypia
11	Atypically dilated glands in erosive background	Adenocarcinoma, very well differentiated	Mistaken as dilated foveolar glands
12	Atypical metaplastic glands in erosion, favor reactive Dilated benign-looking glands in thick disorganized muscularis mucosa, suggestive of gastritis cystica profunda	Gastric-type EWDA Gastric-type EWDA	Mistaken as metaplastic glands Mistaken as gastritis cystica profunda
13	Chronic gastritis, mild with atrophy and foveolar epithelial hyperplasia	Gastric-type EWDA	Mistaken as hyperplastic foveolar epithelium

EWDA, extremely well-differentiated adenocarcinoma.