

ACADEMIE INTERNATIONALE DE PATHOLOGIE DIVISION FRANÇAISE

Cancers gastriques (sporadic and familial) et états précancéreux

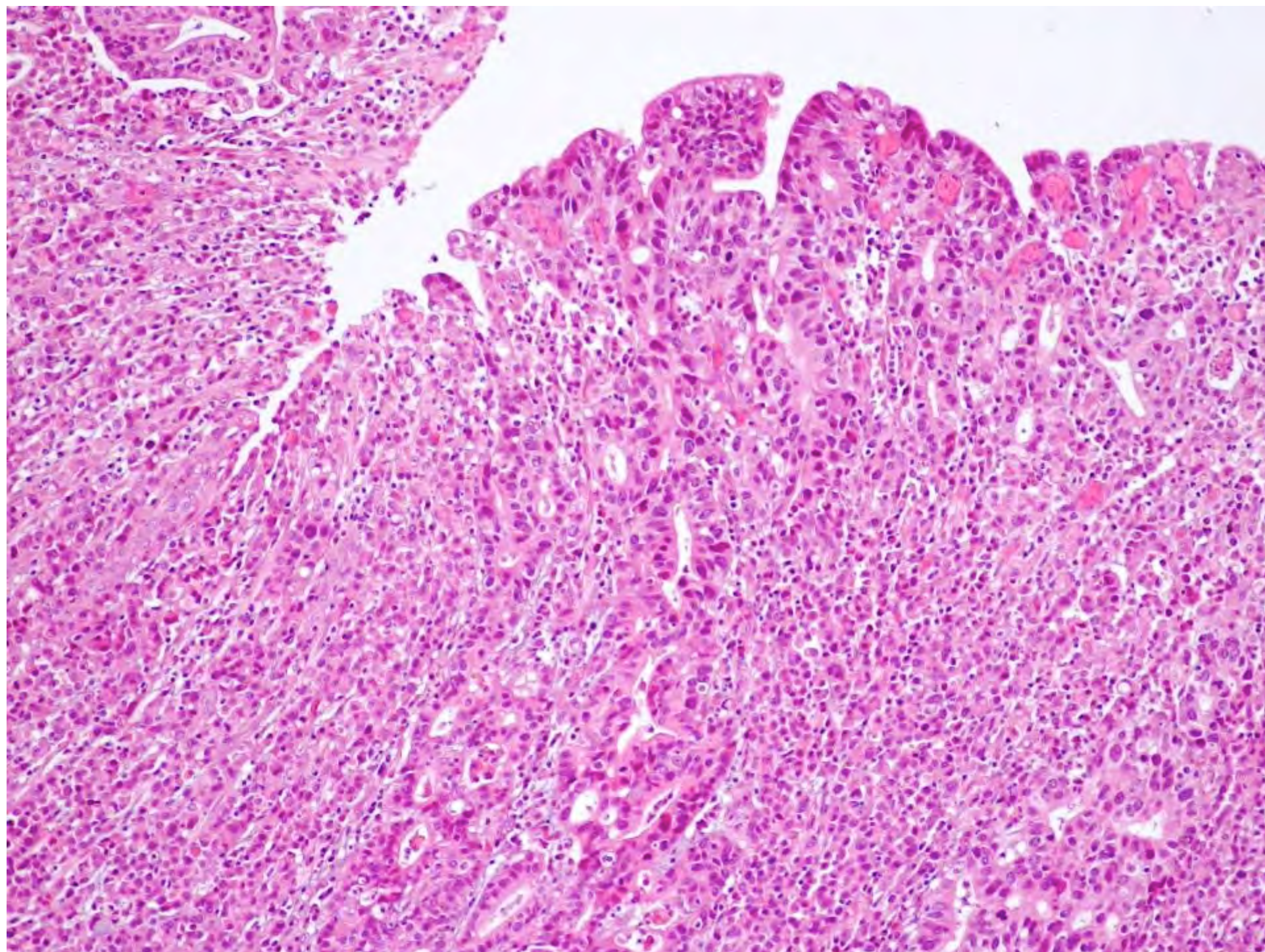
Cas 6

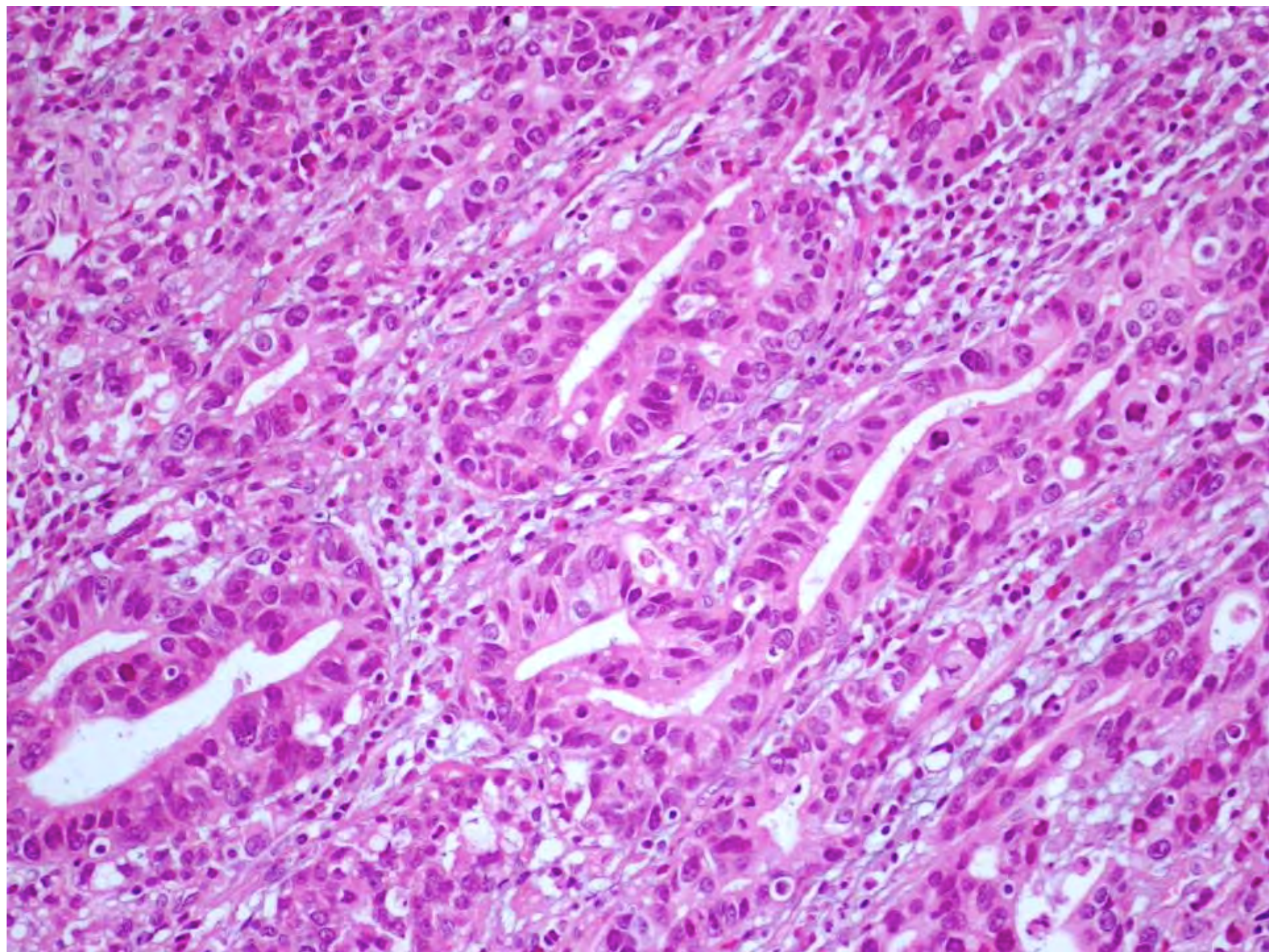


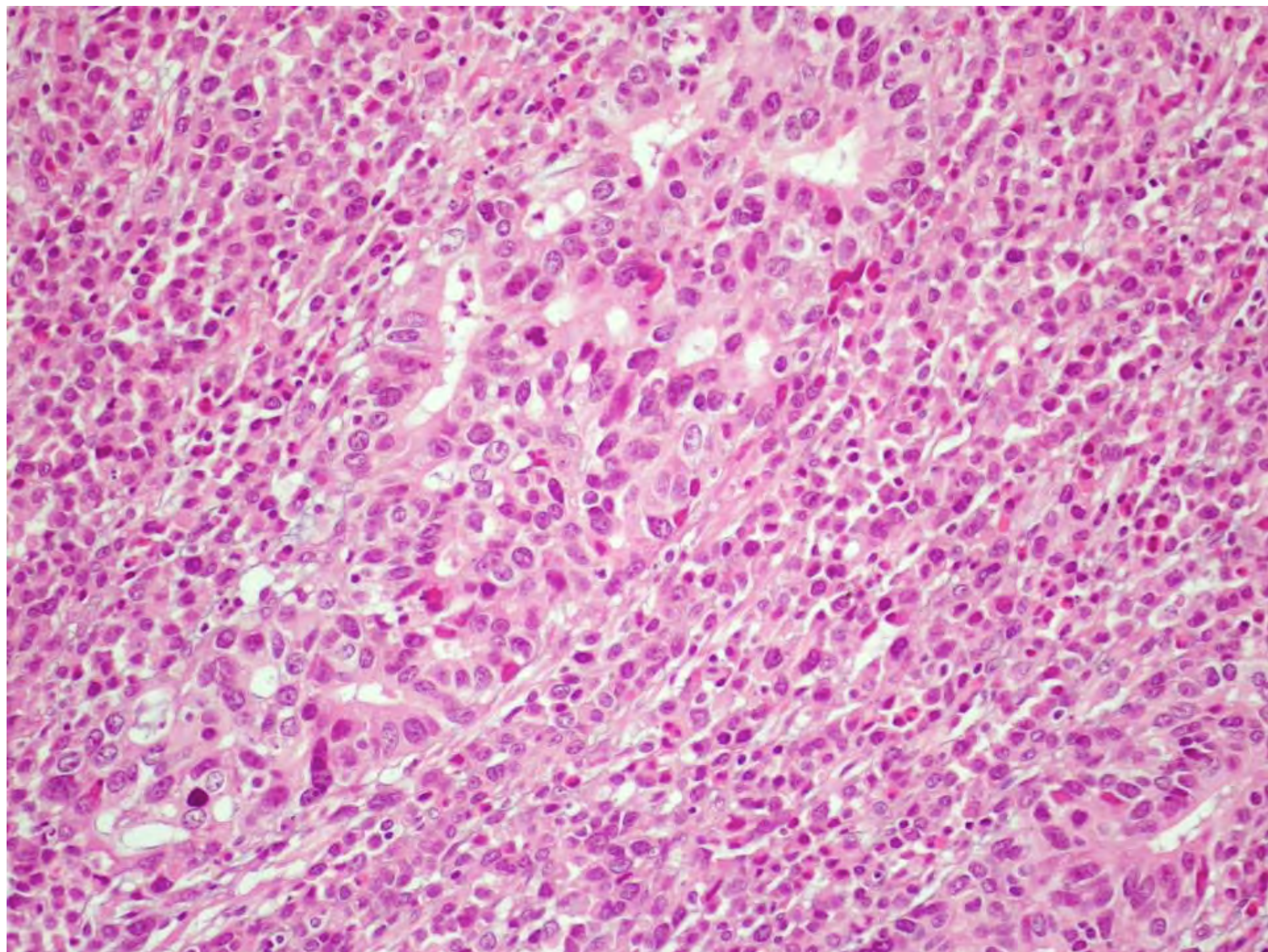
Fátima Carneiro
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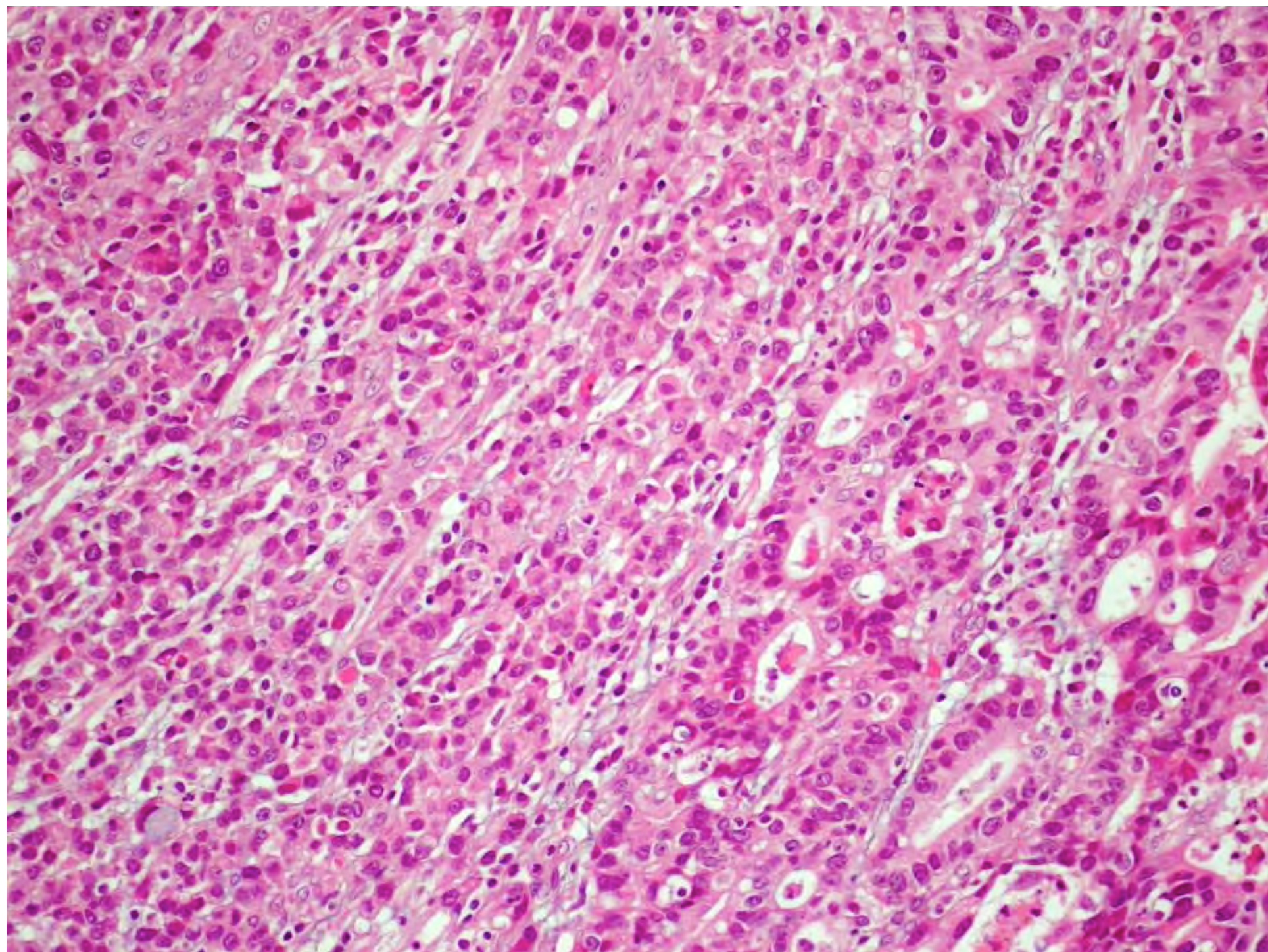


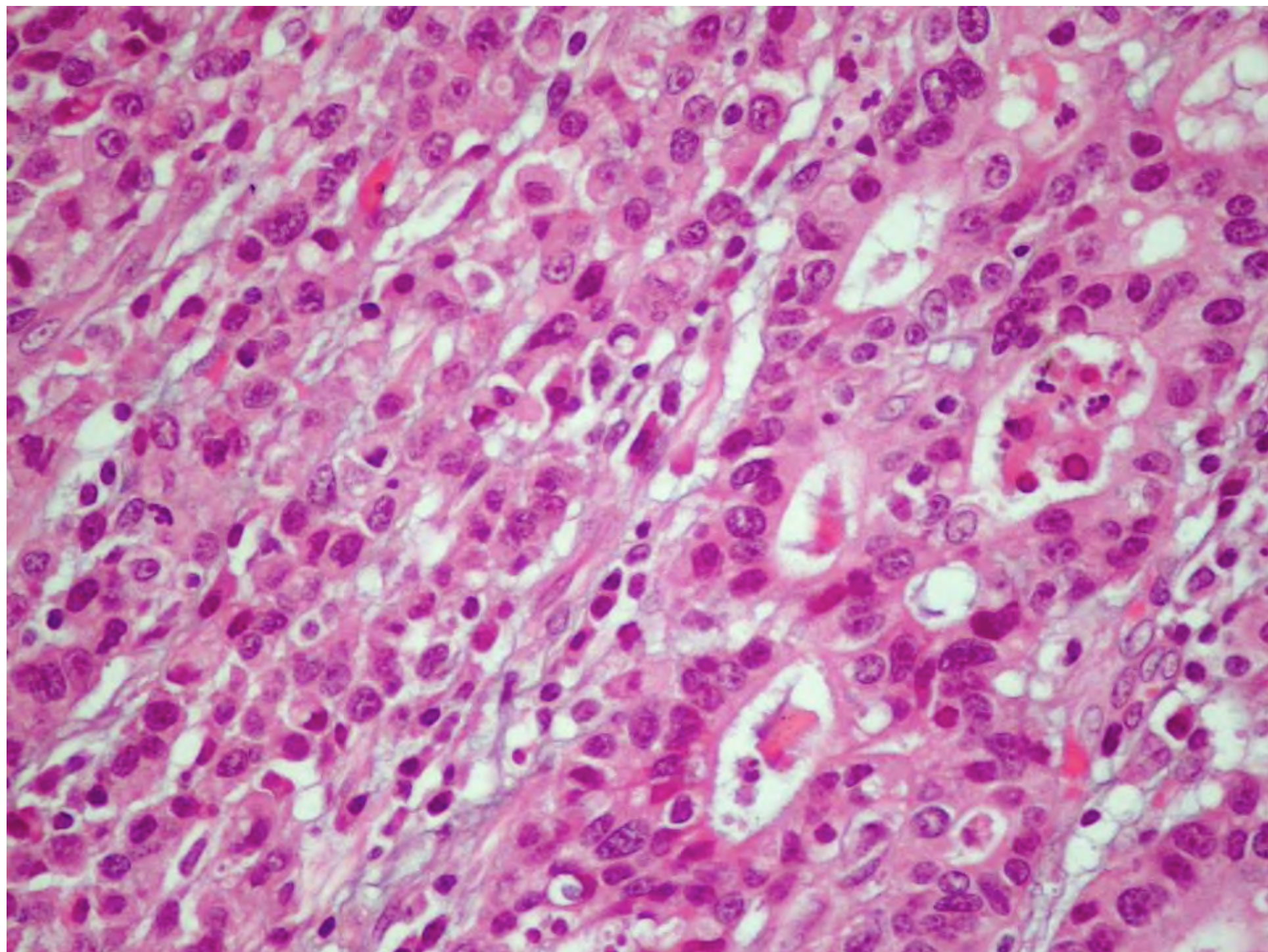
Case 6 – H08/13219 – Female, 74 y, ulcerated gastric neoplasia

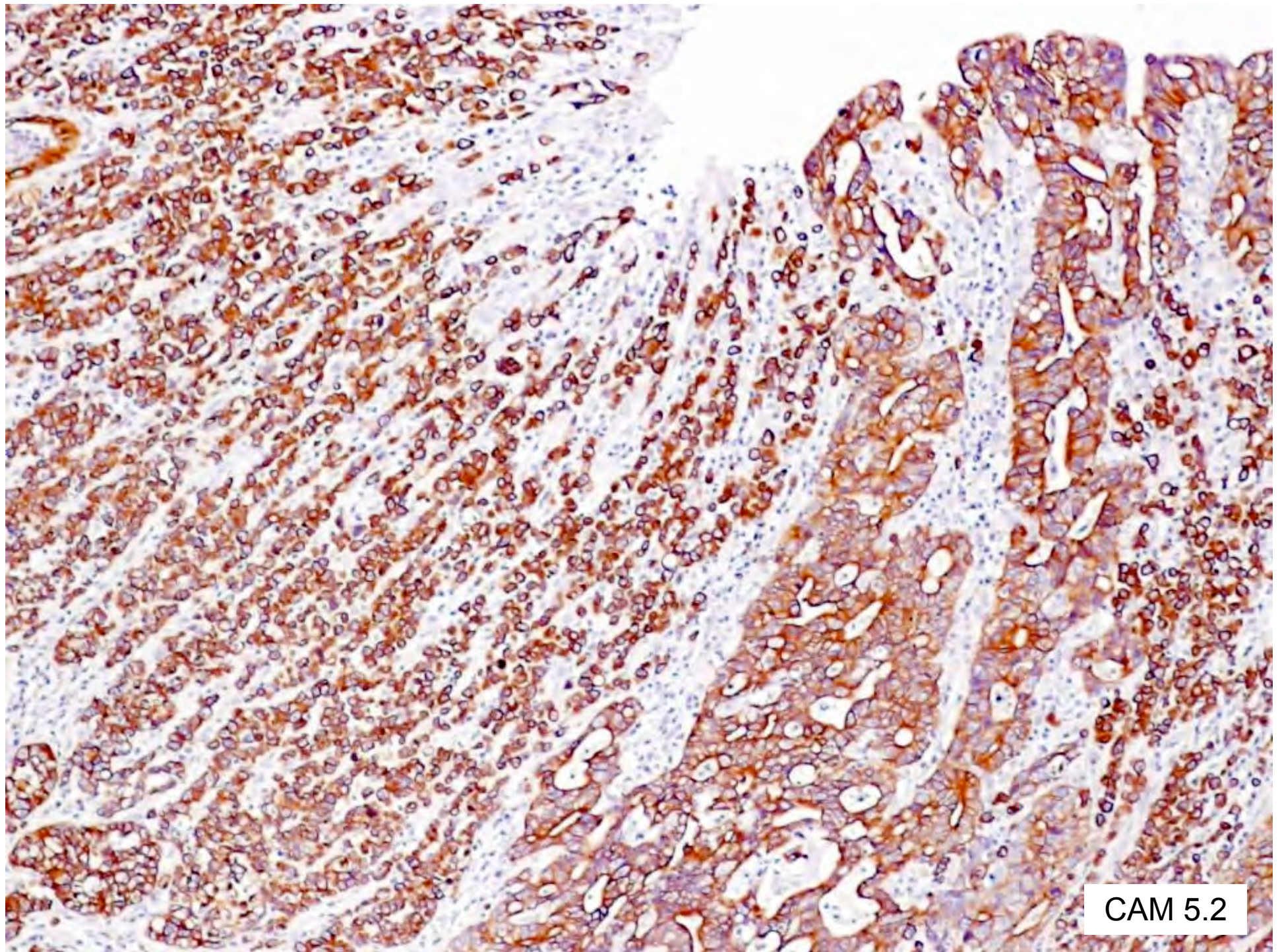




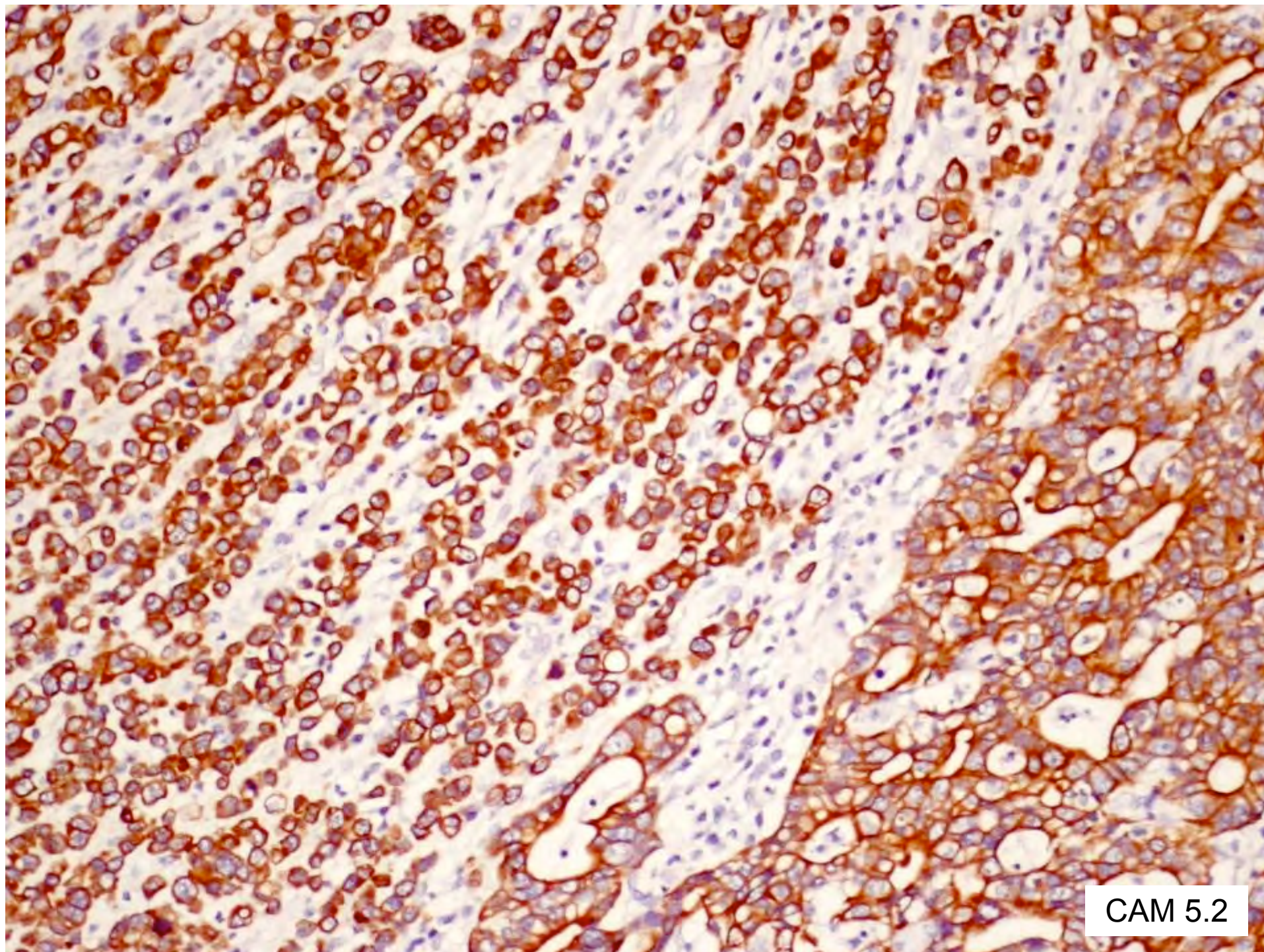


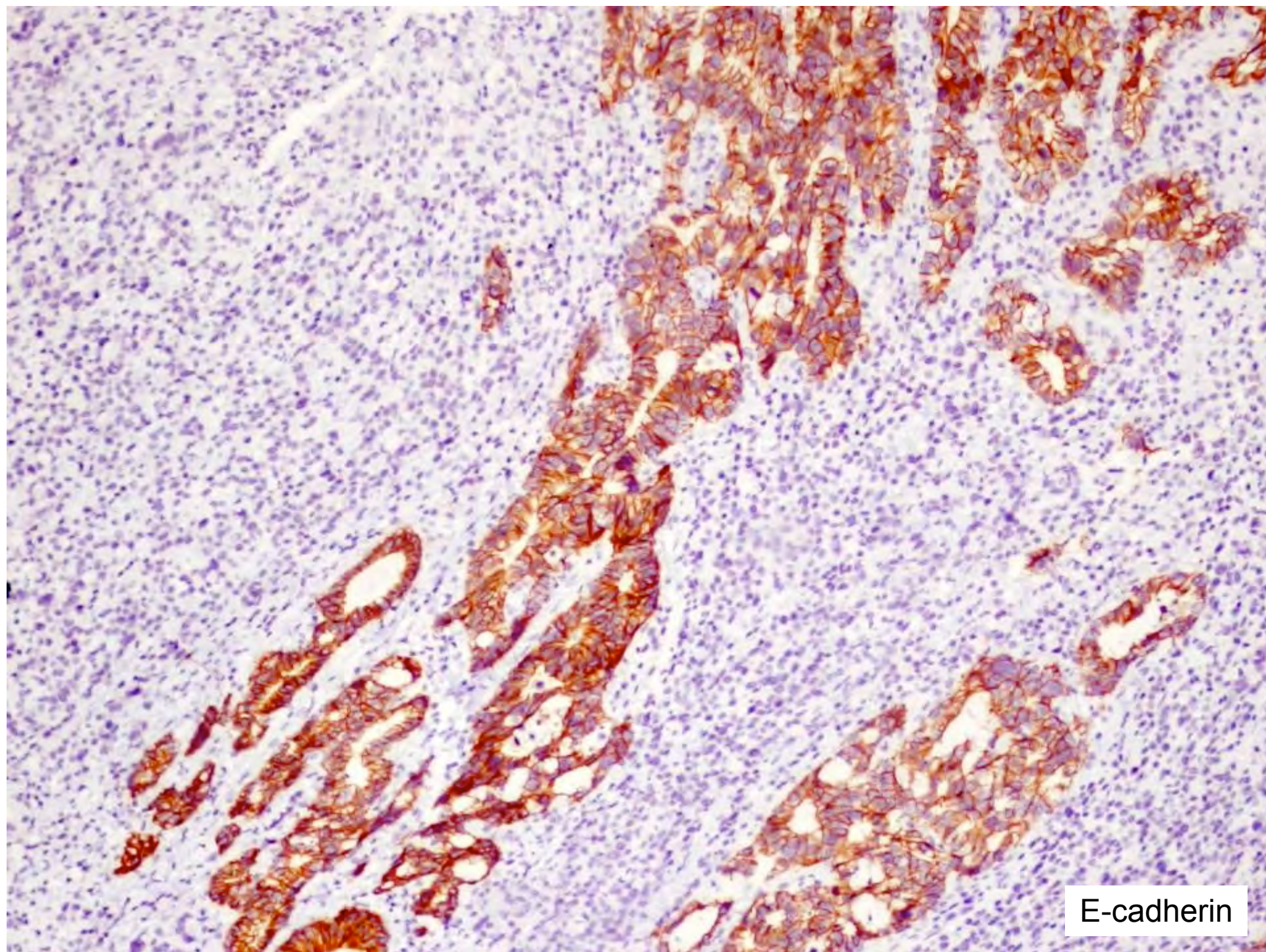




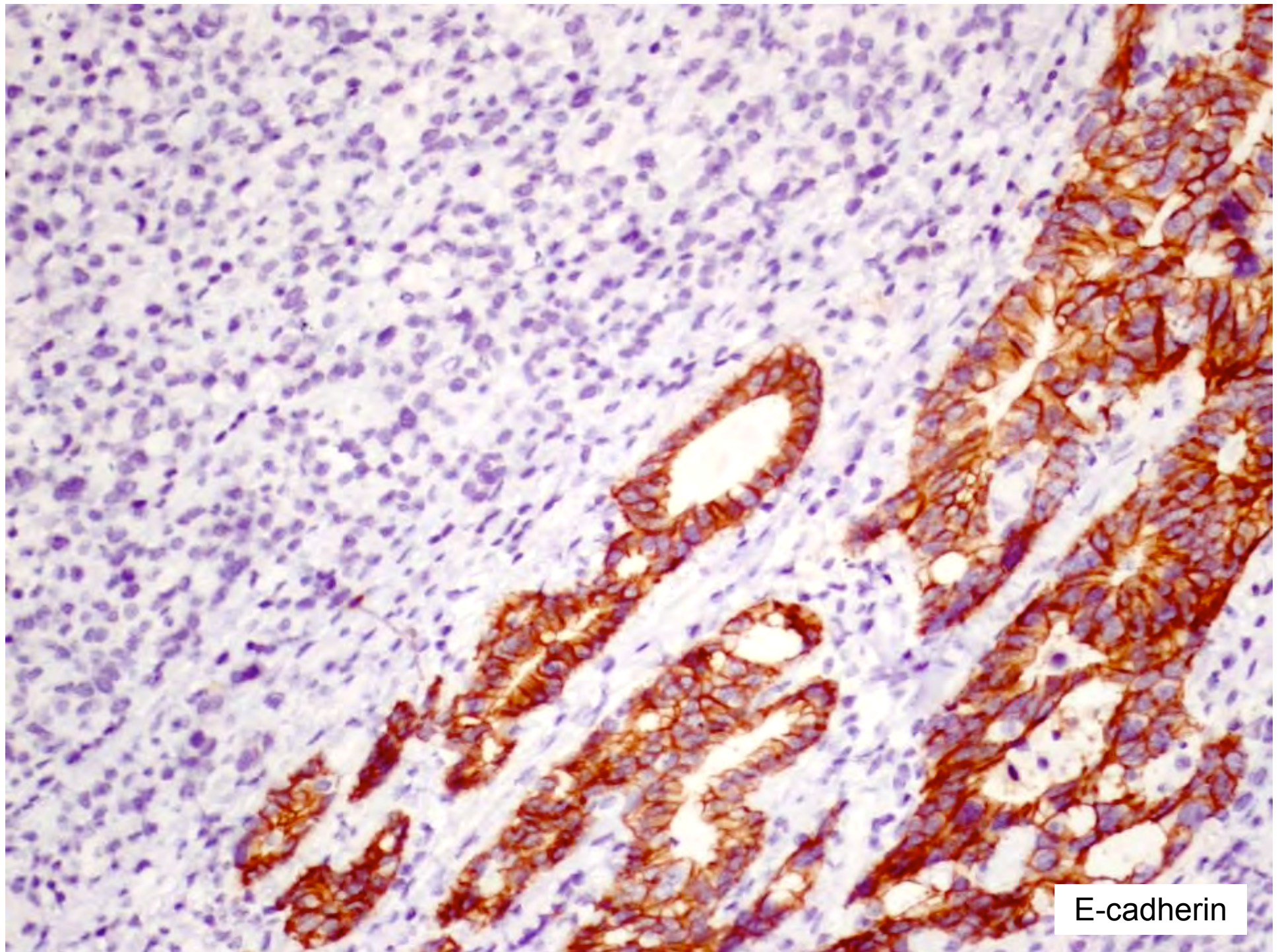


CAM 5.2





E-cadherin



E-cadherin

Classification of gastric carcinomas

F. Carneiro

Current Diagnostic Pathology (1997) 4, 51–59
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Table 1—

gastric carcinomas

Major type

Glandular carcinoma

Isolated-cell type carcinoma

Solid carcinoma

Mixed carcinoma

Other types with specific cytologic differentiation*

Adenosquamous carcinoma

Squamous carcinoma

Rare variants

Choriocarcinoma

Embryonal carcinoma

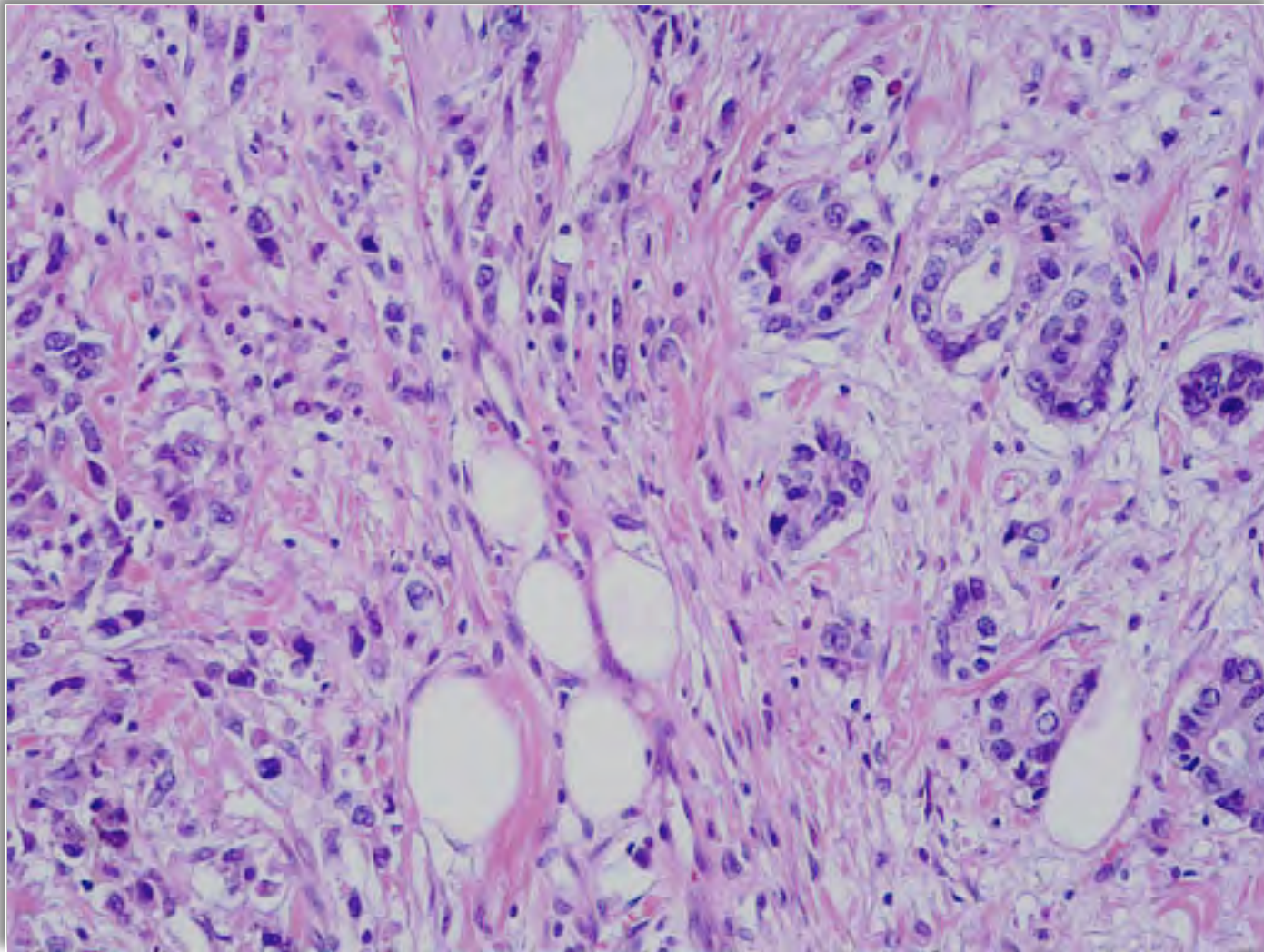
Hepatoid carcinoma

Parietal cell carcinoma

Others

**Bona fide* neuroendocrine carcinomas should be considered separately.

What about the mixed type of gastric carcinoma?



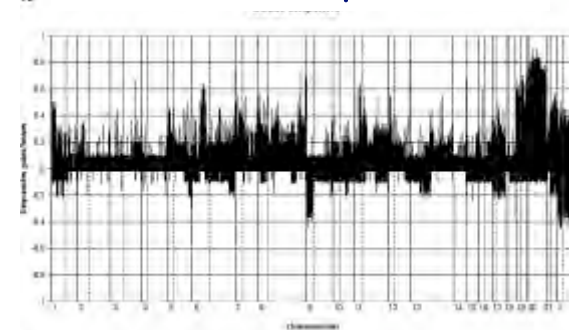
Mixed gastric carcinomas show similar chromosomal aberrations in both their diffuse and glandular components

Carvalho B *et al*

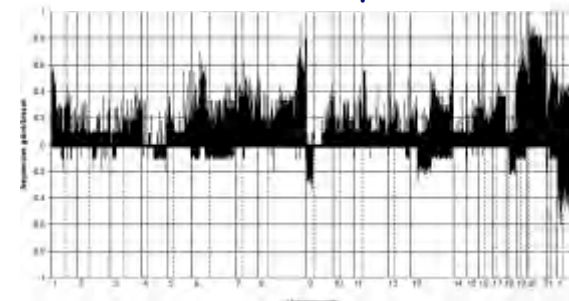
Cellular Oncology 28:283, 2006



Diffuse component

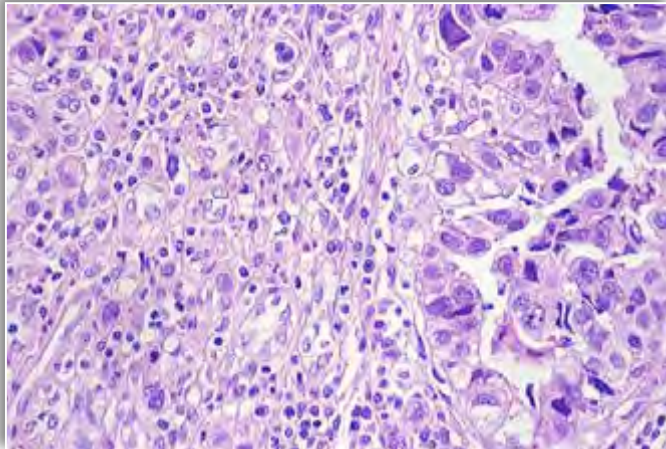


Intestinal component



E-cadherin mutations in mixed gastric carcinomas

"Intestinal" component	17%
"Diffuse" component	83%



Machado JC *et al*: E-cadherin gene mutations provide a genetic basis for phenotypic divergence of mixed gastric carcinomas
Lab Invest 79: 459, 1999

Histological type

5-year
survival rate

Glandular (n=89)

52%

Isolated cell (n=14)

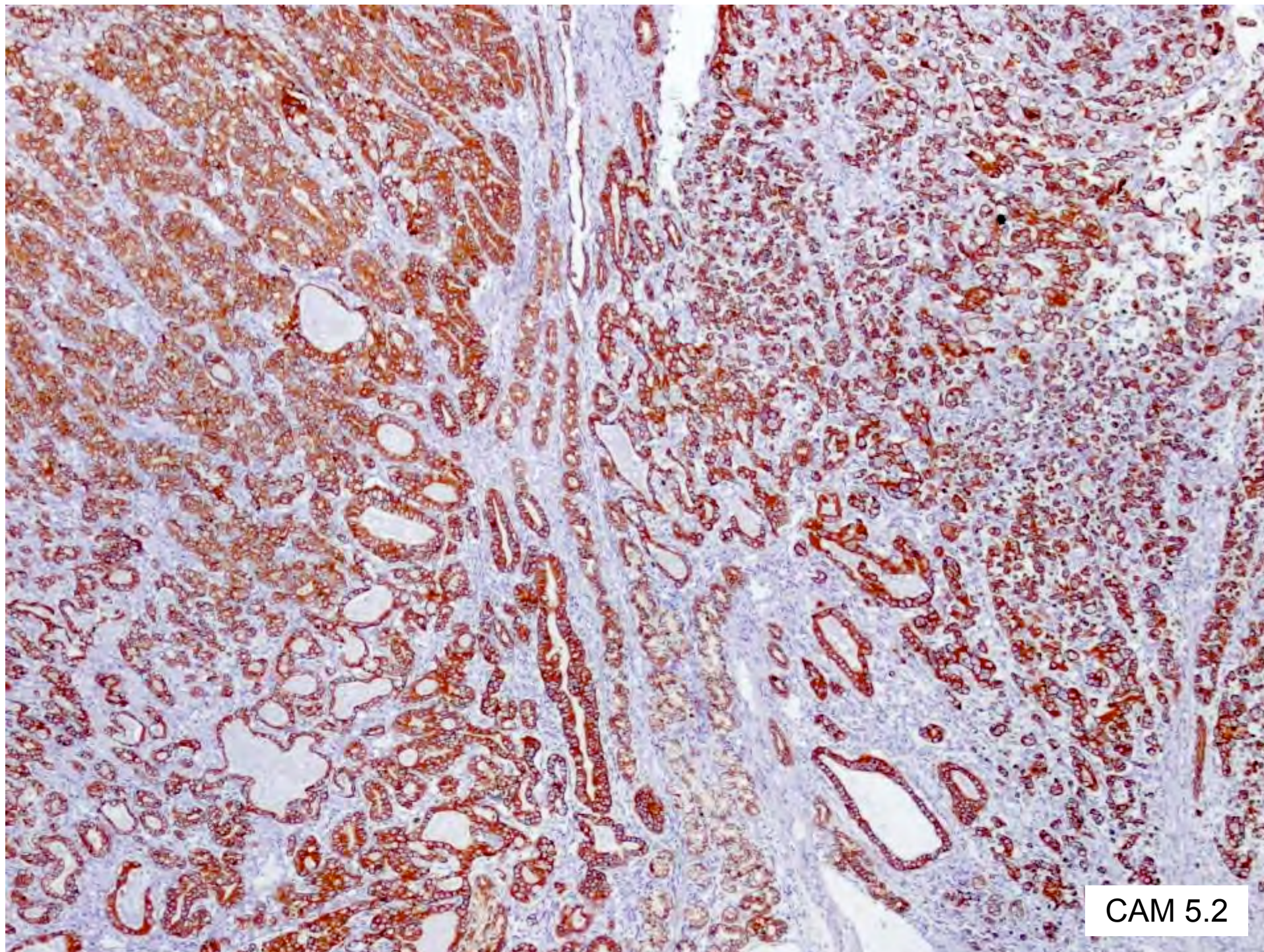
67%

Solid (n=28)

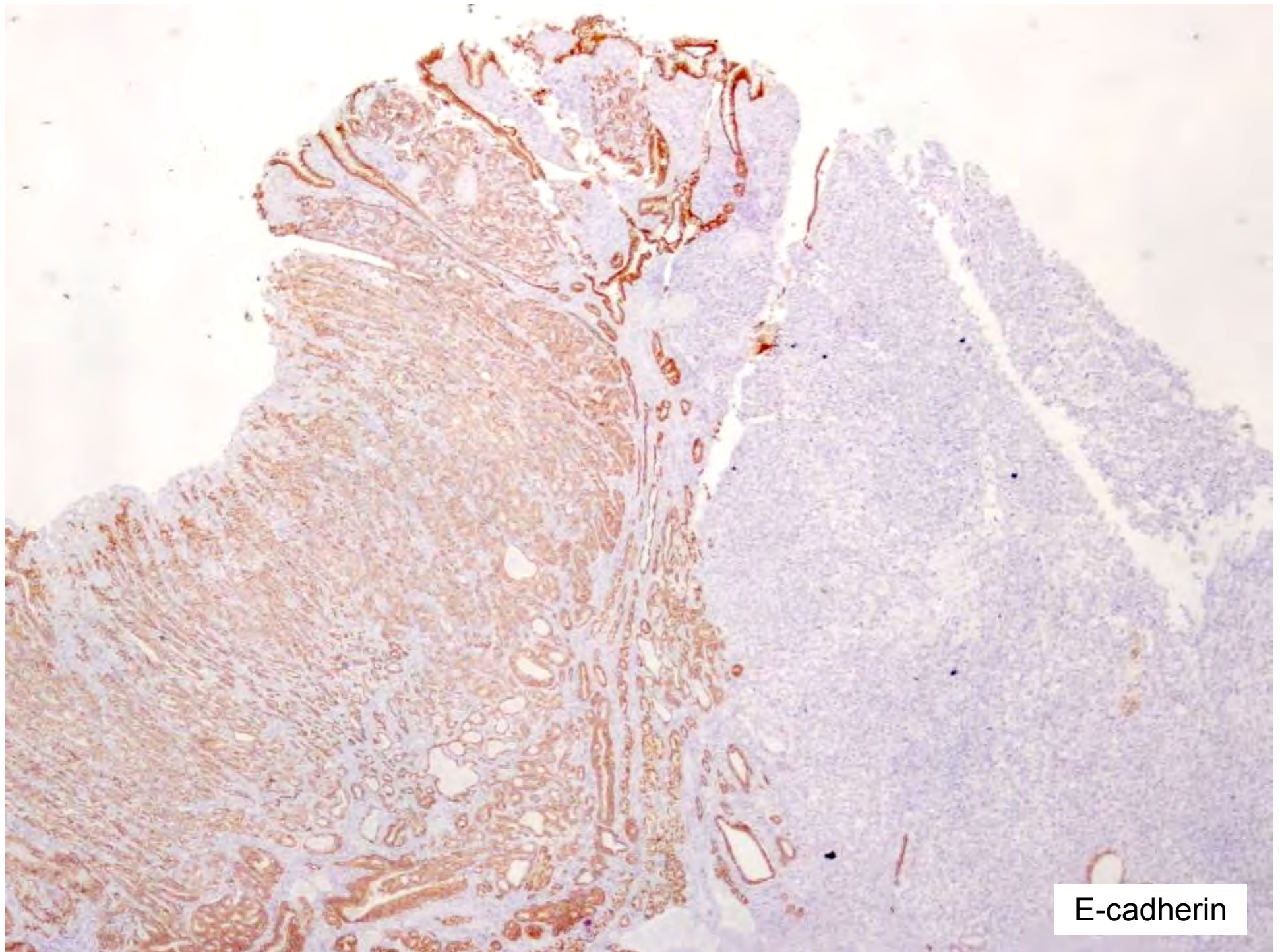
48%

Mixed (n=82)

16%

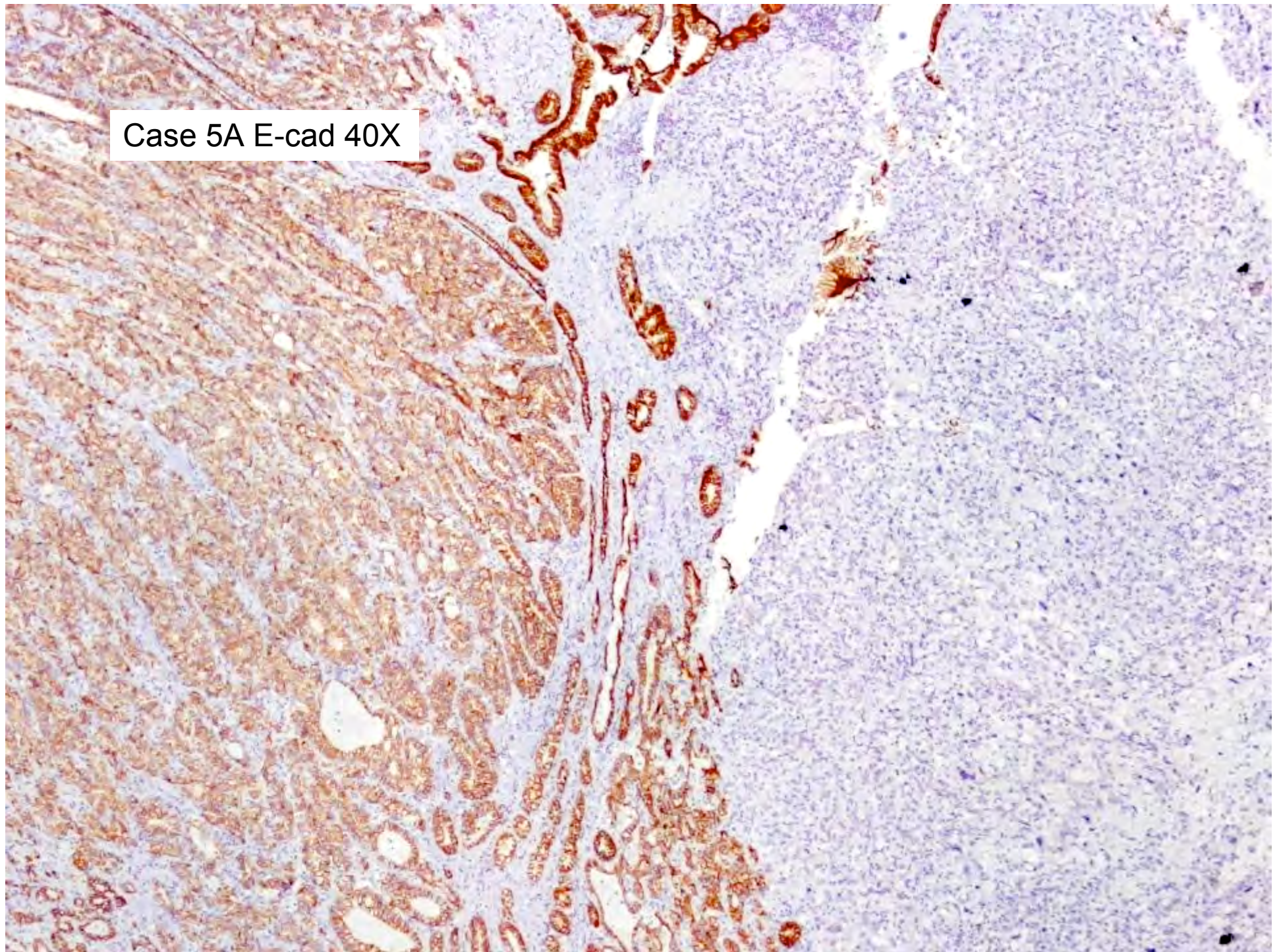


CAM 5.2



E-cadherin

Case 5A E-cad 40X



Mixed carcinoma of the stomach,
pT3N2M1