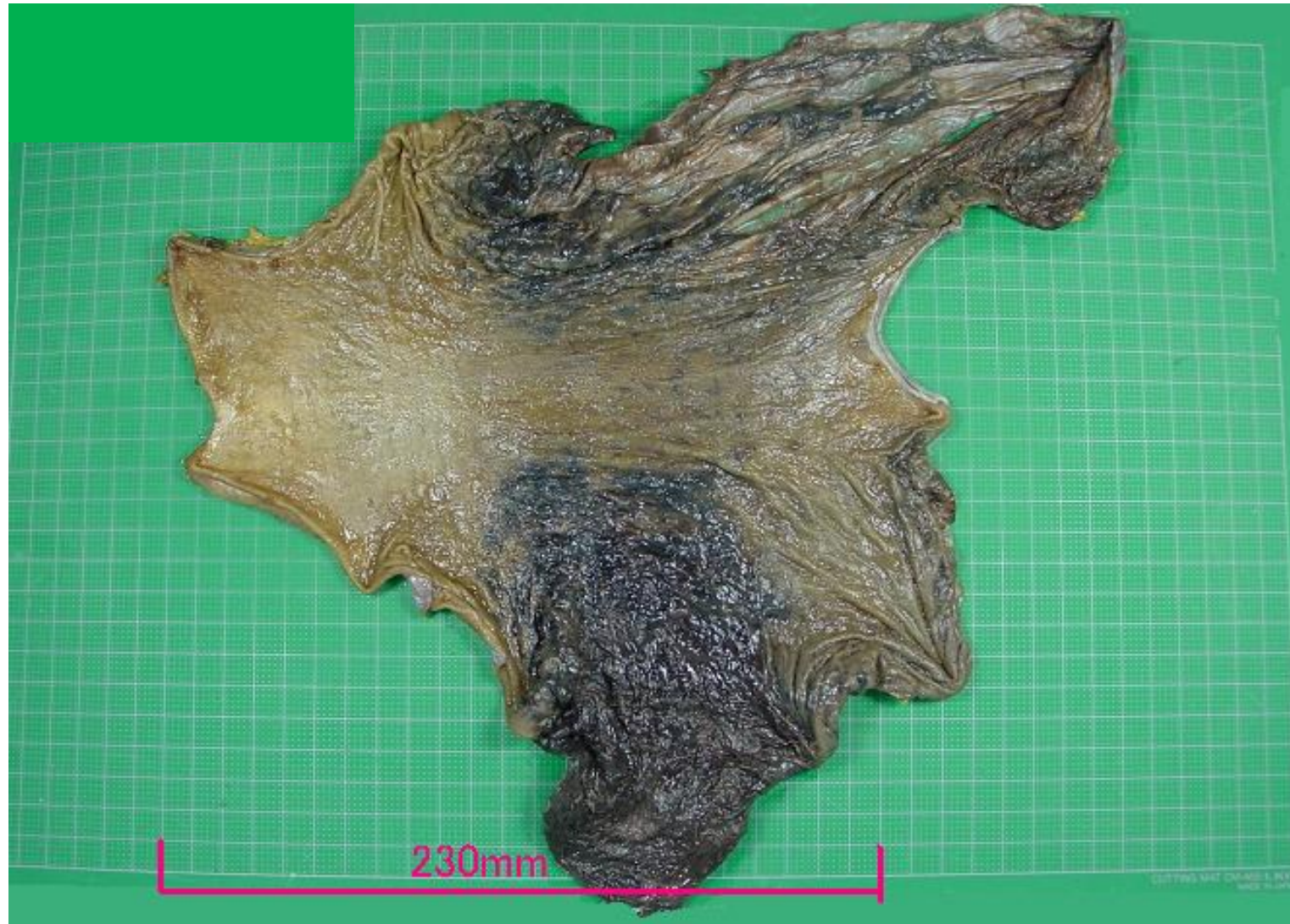


Spontaneous gastric rupture

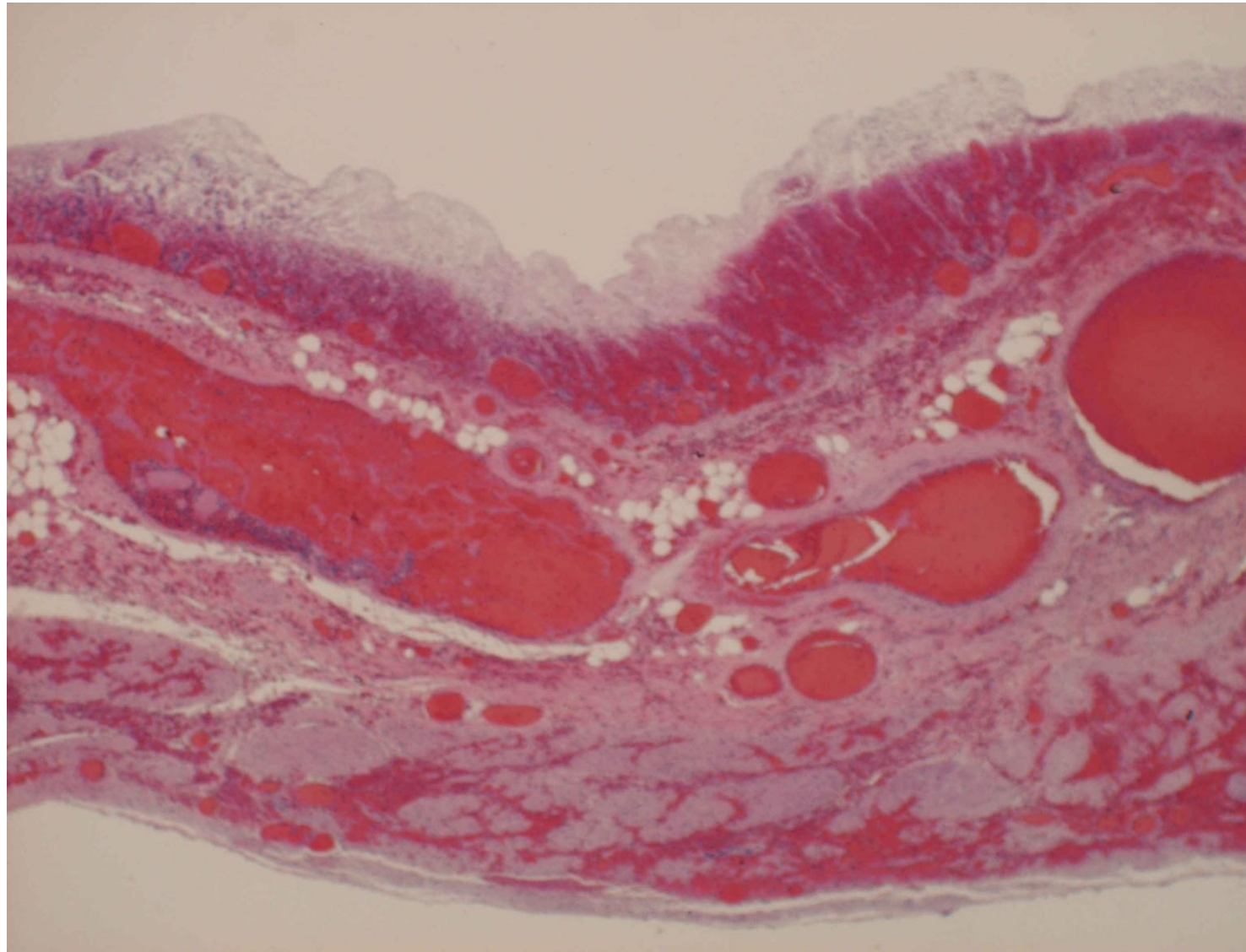
Spontaneous rupture of the stomach is usually seen in the neonatal period, the most common type of nonobstructive perforation. The clinical manifestations include severe abdominal distension, vomiting and respiratory distress due to massive pneumoperitoneum. In adults, spontaneous gastric rupture happens after intake of sodium bicarbonate. Here a 23-year-old female case of spontaneous gastric rupture due to venous malformation in the gastric wall is presented.

Ref.-1: Bayatpour M, et al. Spontaneous gastric rupture in the newborn. *Am J Surg* 1979; 137(2): 267-269. doi: 10.1016/0002-9610(79)90161-2

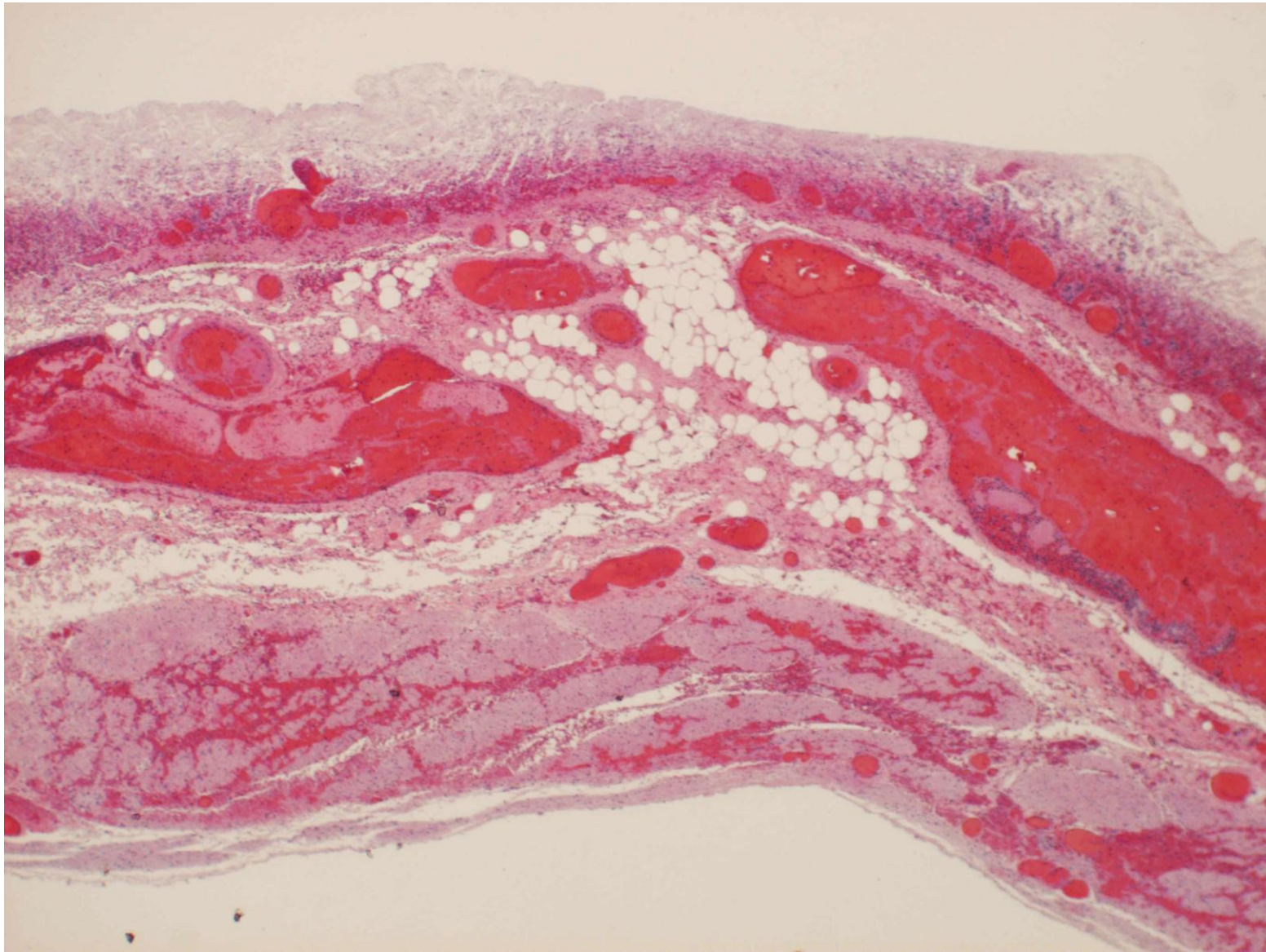
Ref.-2: Vásquez A, et al. Spontaneous gastric rupture after Sodium Bicarbonate consumption: a case report. *Radiography (Lond)* 2017; 23(3): e62-e64. doi: 10.1016/j.radi.2017.03.019



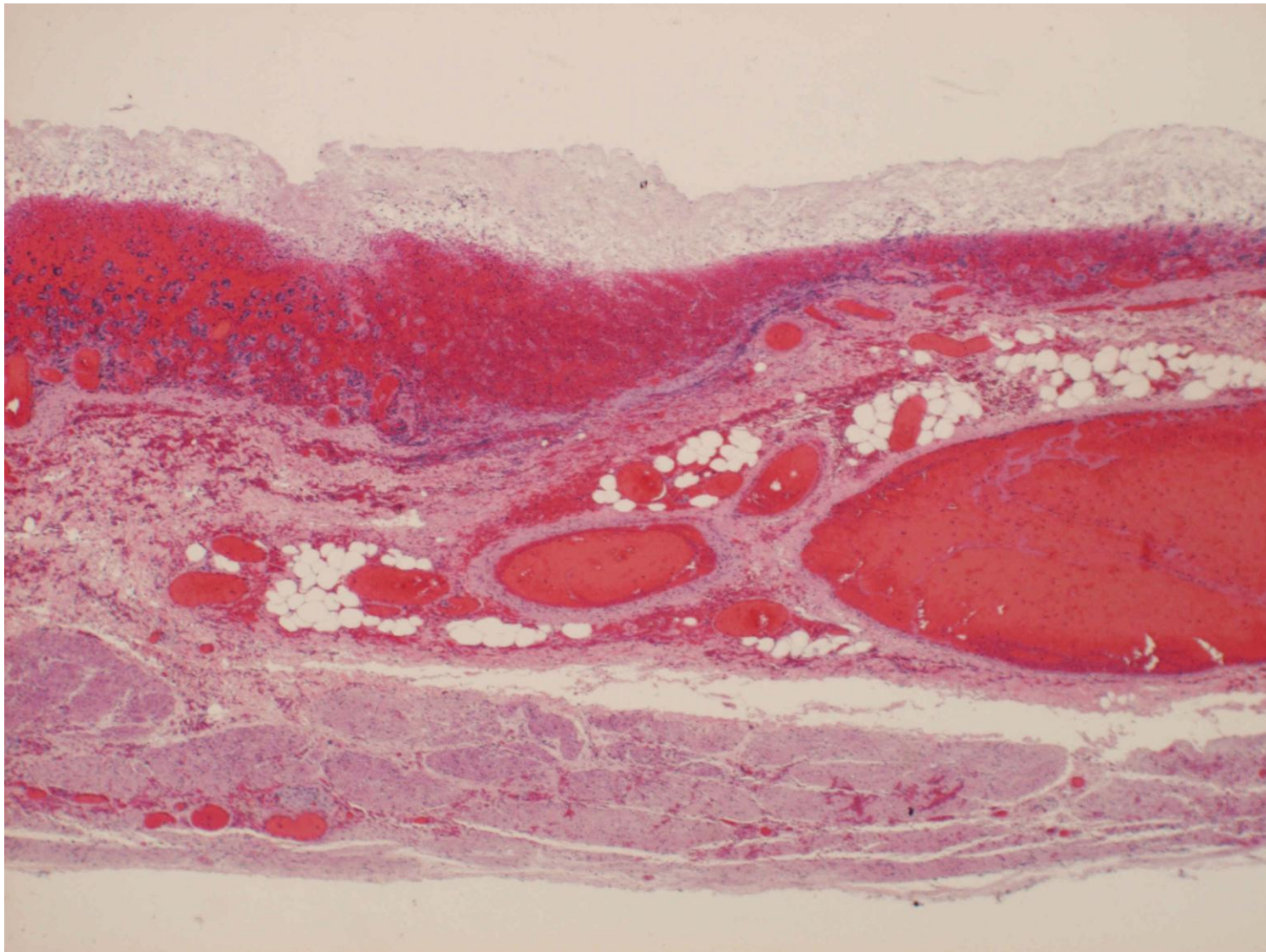
Spontaneous gastric rupture seen in a 23-year-old female patient. The surgical specimen reveals mucosal hemorrhage mainly in the posterior wall of the body.



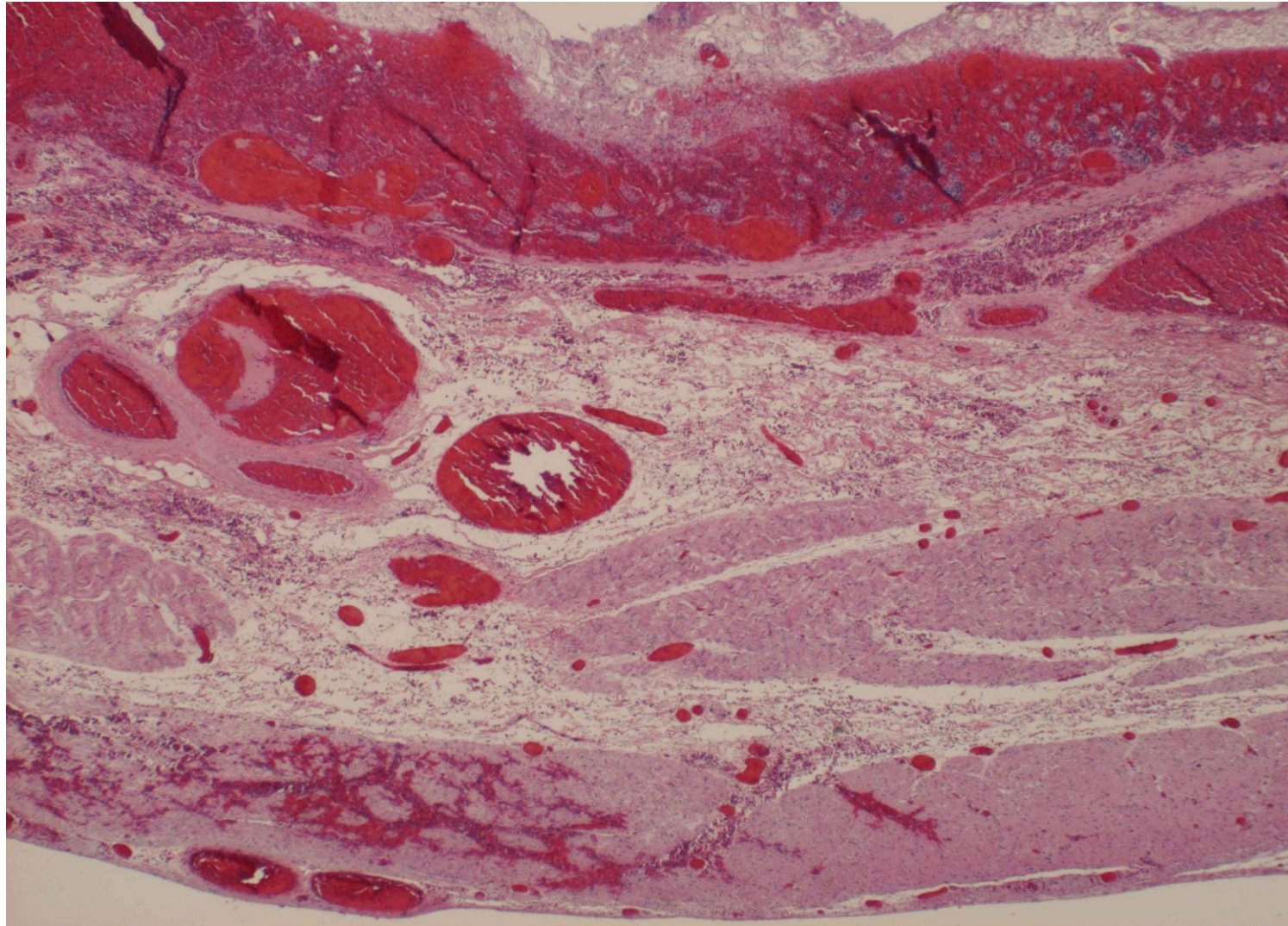
Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-1



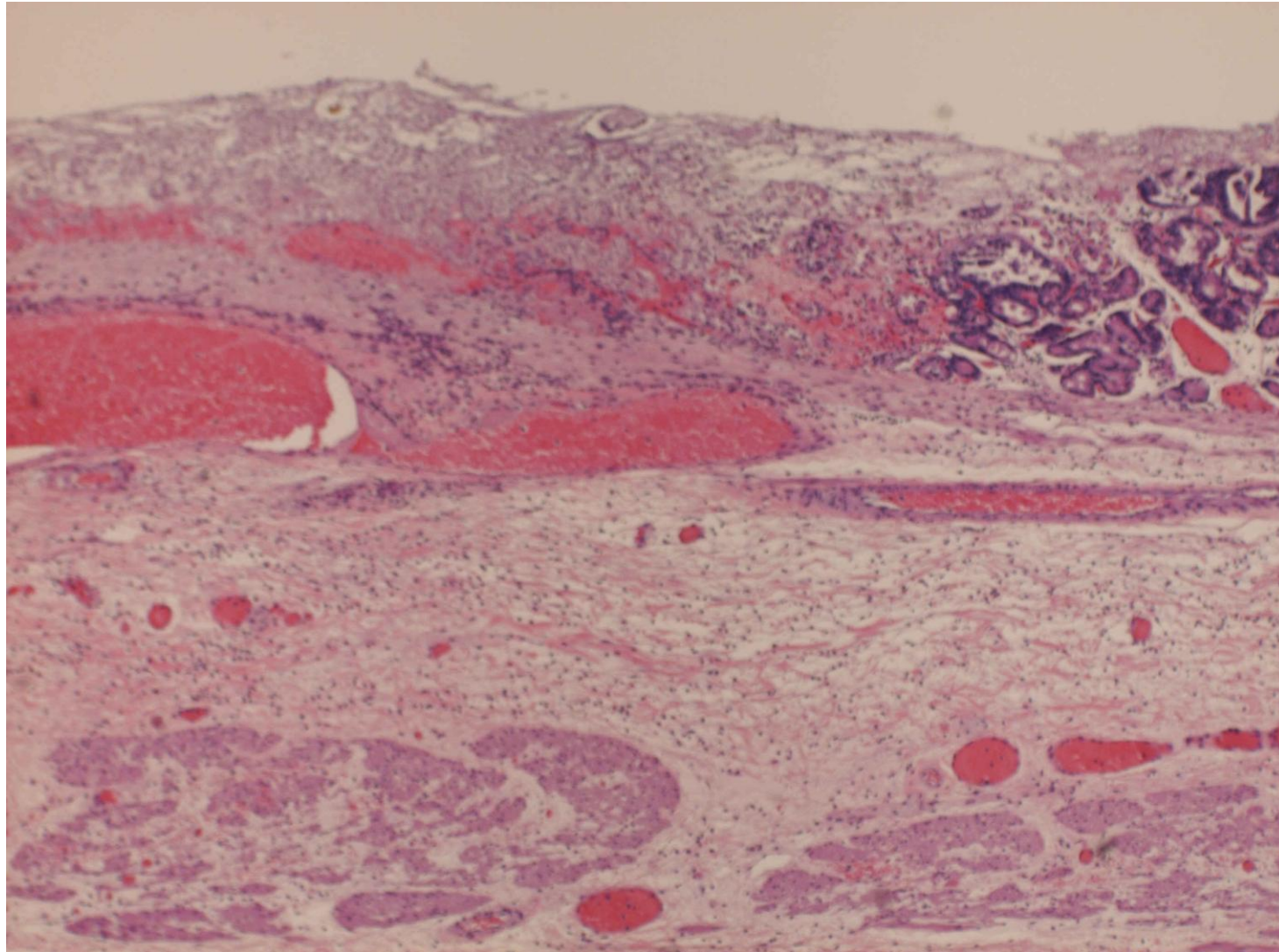
Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-2



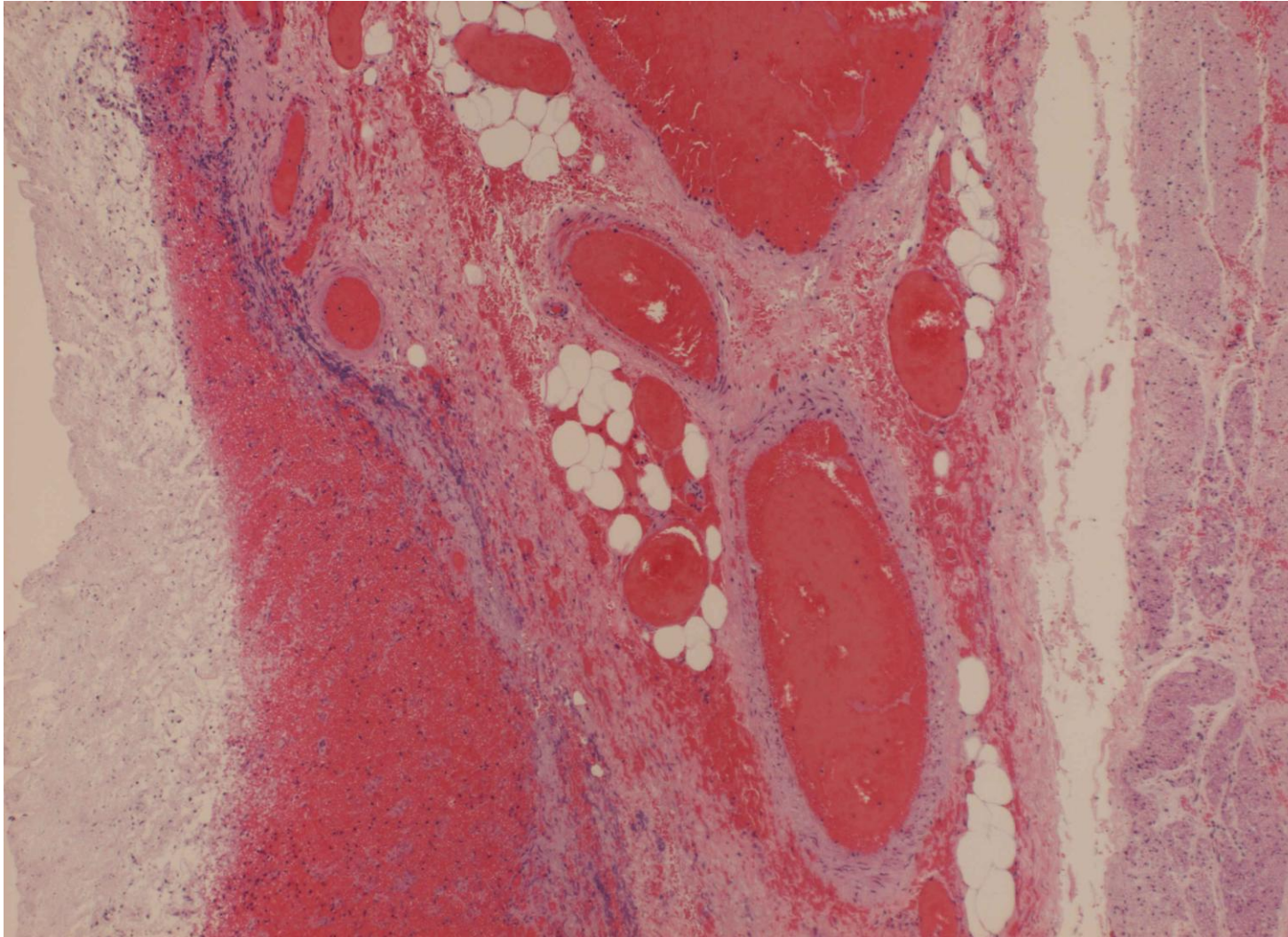
Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-3



Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-4



Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-5



Spontaneous gastric rupture seen in a 23-year-old female patient. Dilatation of the venous vessels with stromal hemorrhage is observed transmurally. H&E-6