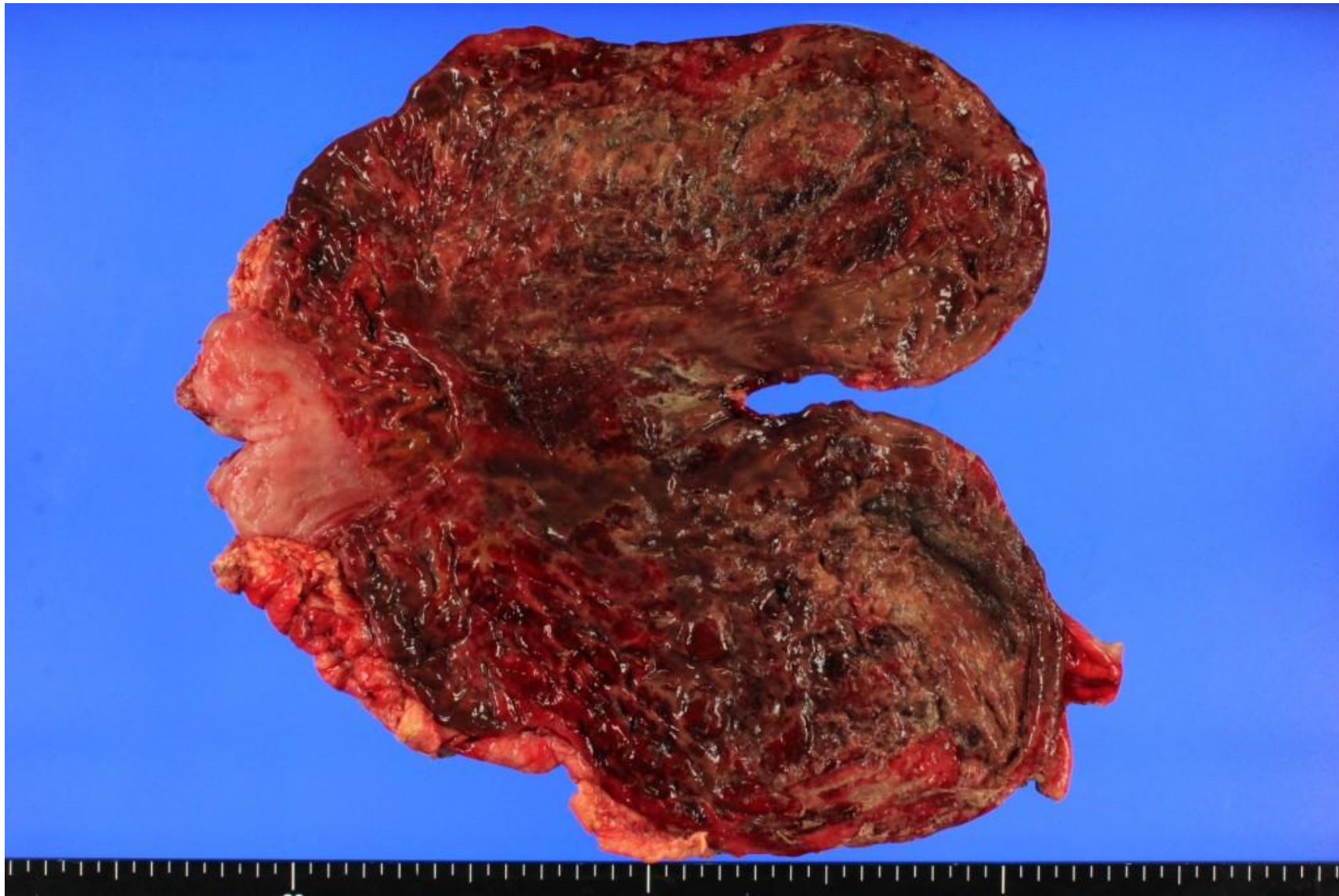


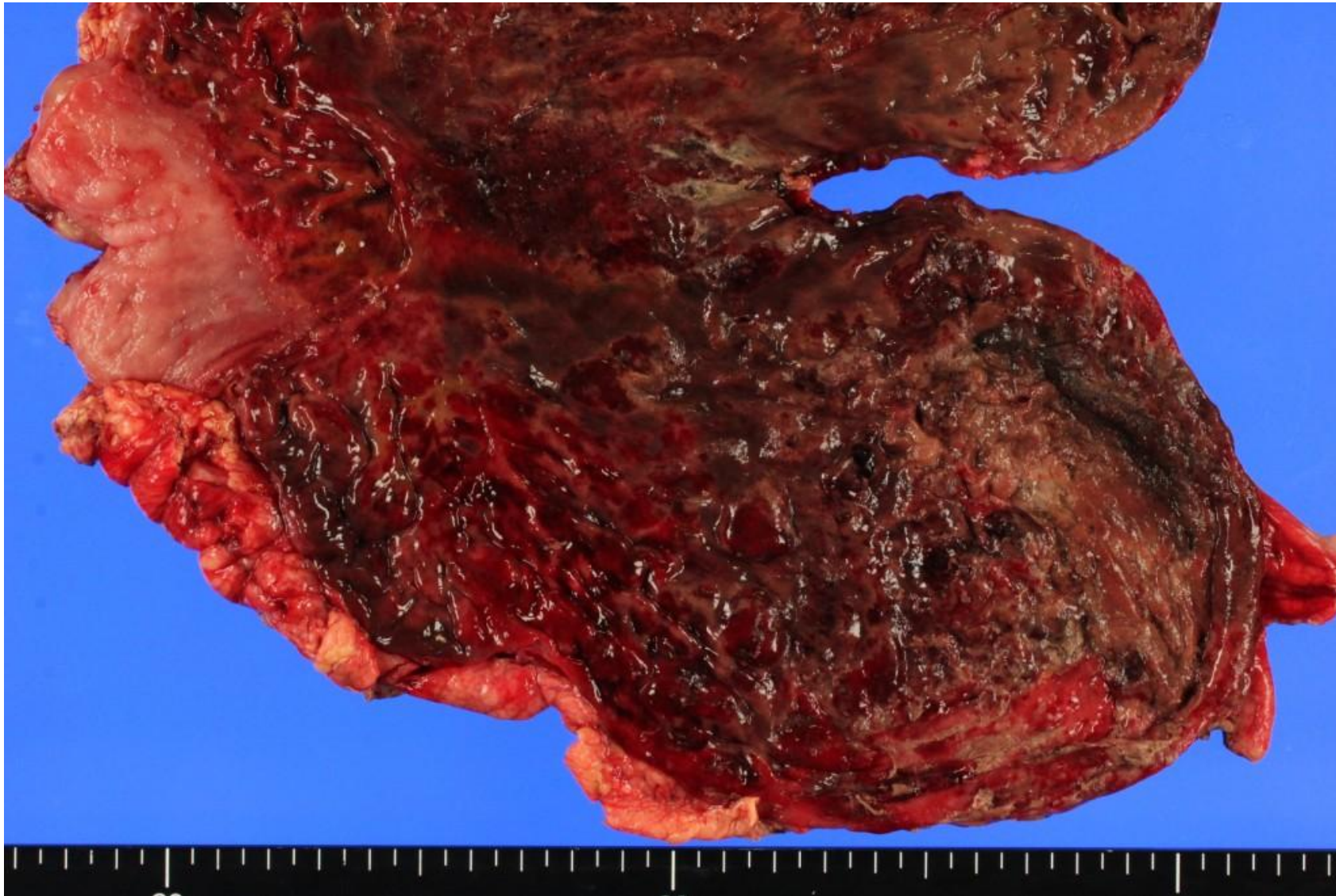
Gastric volvulus (twisted stomach)

Gastric volvulus (twisted stomach) is an emergency state defined as the rotation of the stomach up to 180 degree along its transverse or longitudinal axis. One third of cases are associated with hiatal hernia. Abnormal laxity of the gastrosplenic, gastroduodenal, gastrophrenic and gastrohepatic ligaments may allow the volvulus. Another cause is the abnormal mobility of the stomach. Gastric volvulus is seen in adult patients with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed in the present disabled adult patient.

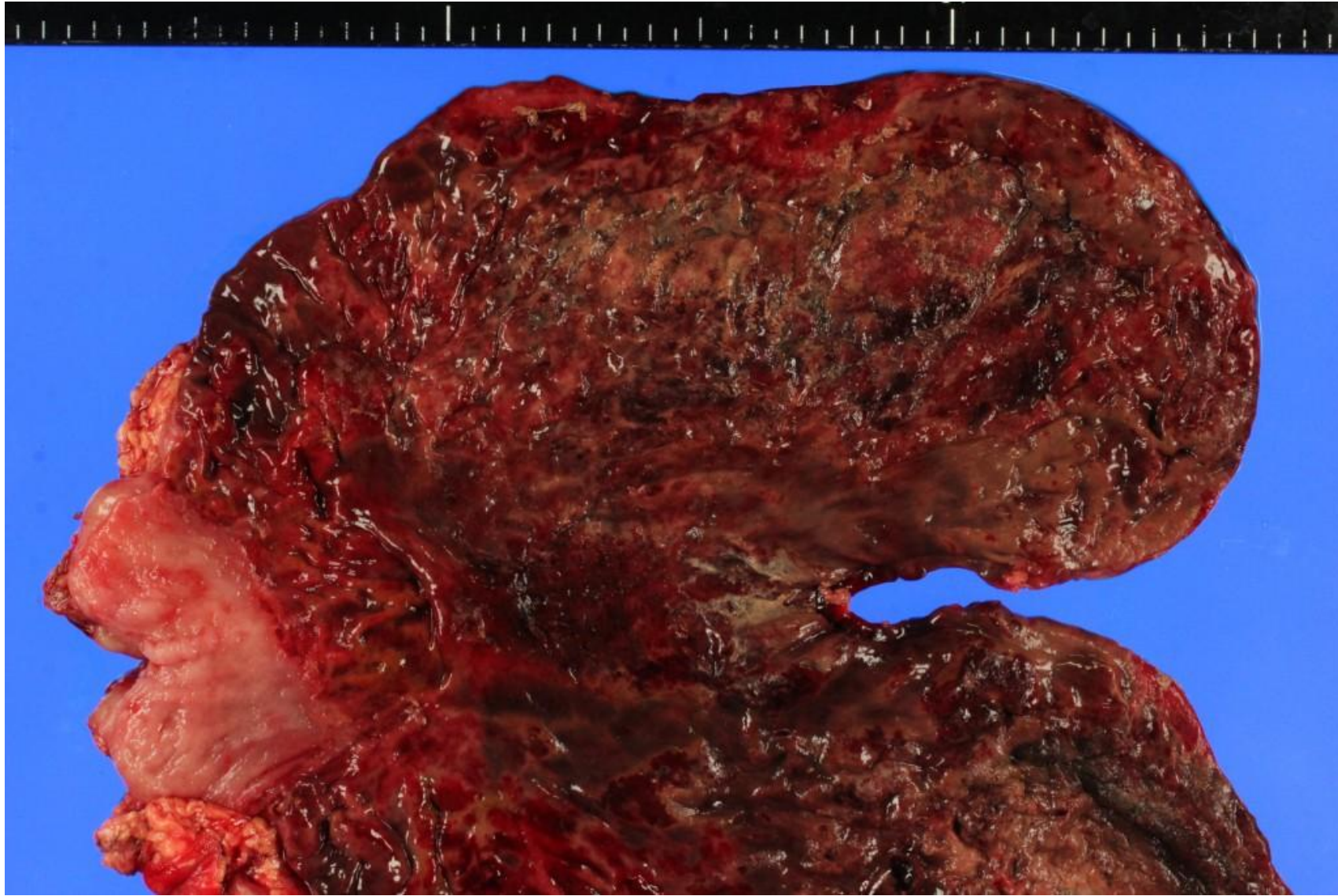
Ref.: Lopez PP, Megha R. Gastric volvulus. 2022. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing. PMID: 29939663



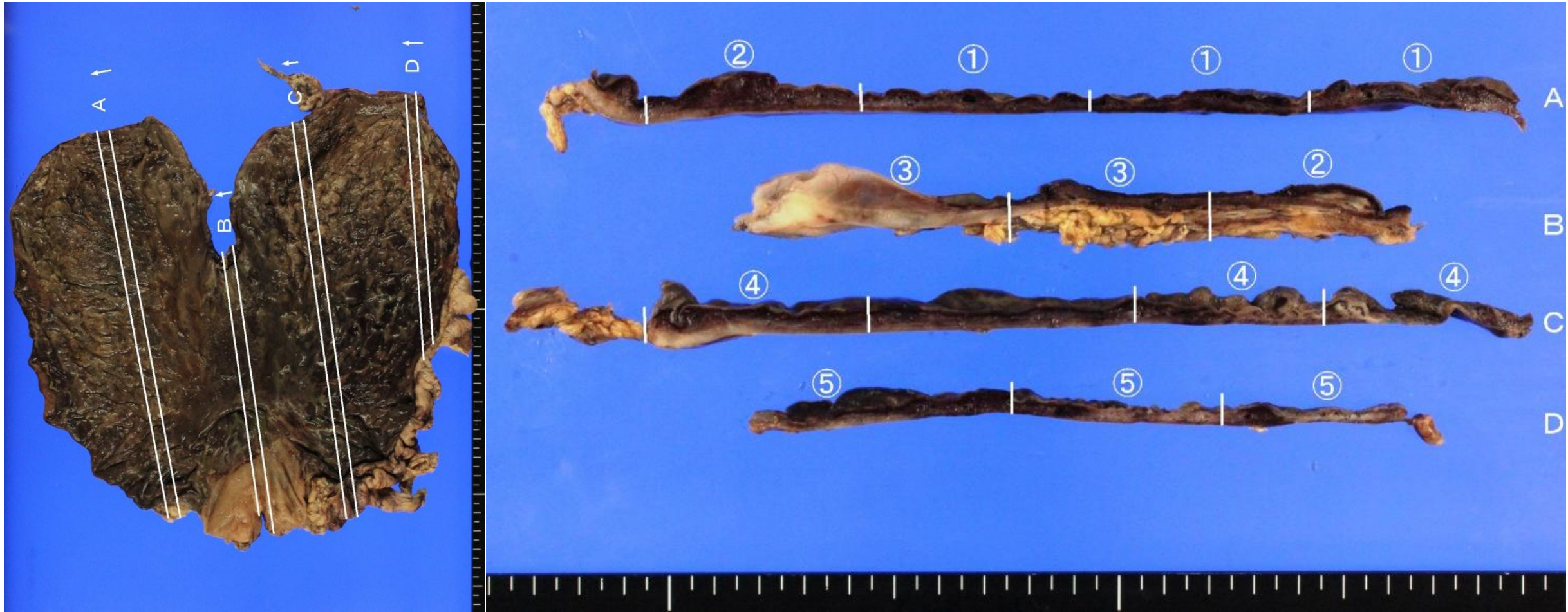
Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive hemorrhagic necrosis is seen except for the prepylorus (macro-1).



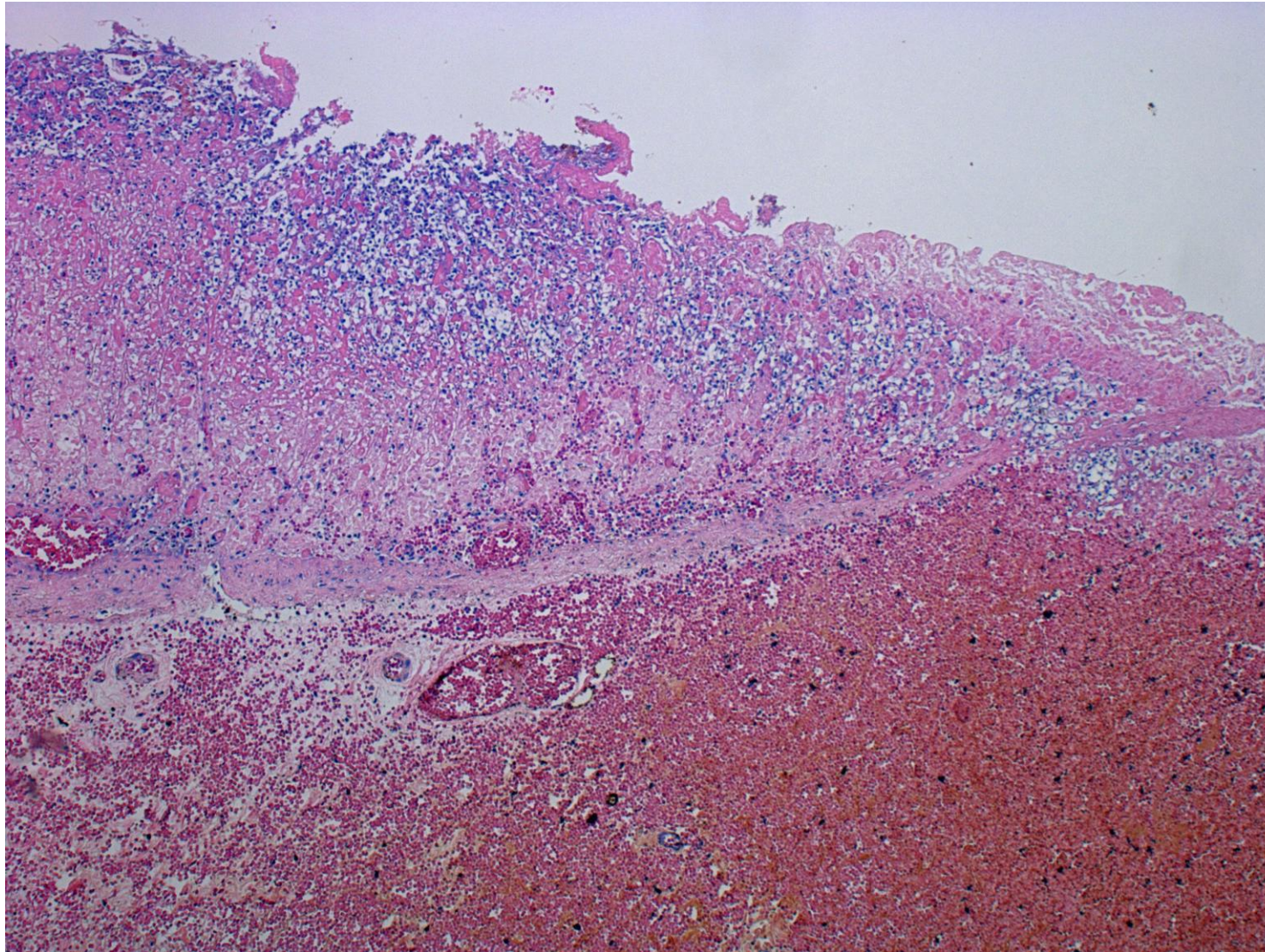
Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive hemorrhagic necrosis is seen except for the prepylorus (macro-2).



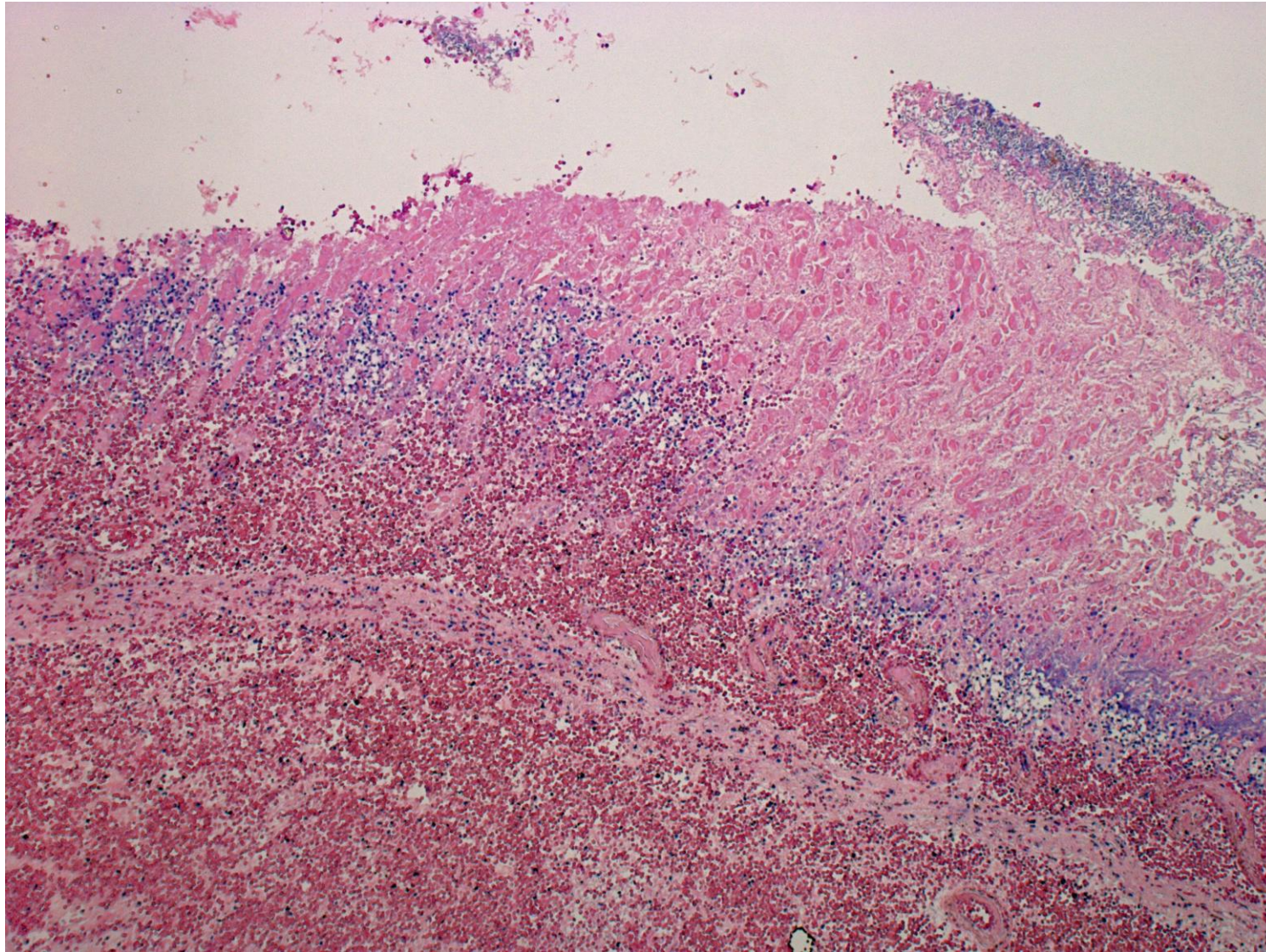
Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive hemorrhagic necrosis is seen except for the prepylorus (macro-3).



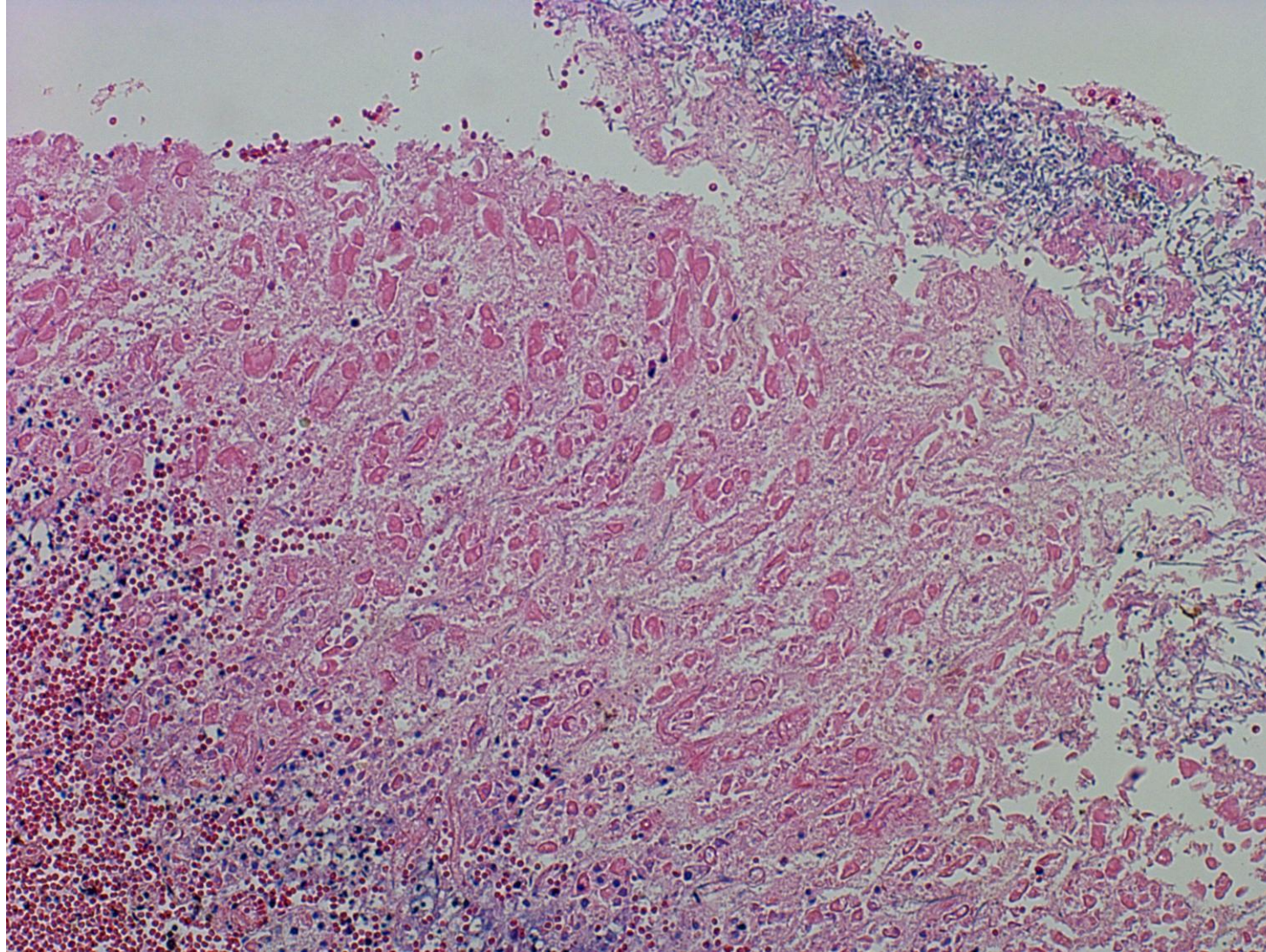
Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Sampling for histopathological evaluation is seen (after formalin fixation). Massive transmural hemorrhagic necrosis is seen except for the prepylorus (macro-4).



Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive transmural hemorrhagic necrosis is seen, and the eroded oxyntic gastric mucosa is acutely infiltrated by neutrophils (H&E-1).



Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive transmural hemorrhagic necrosis is seen, and the eroded oxyntic gastric mucosa shows coagulation necrosis and neutrophilic infiltration (H&E-2).



Gastric volvulus is seen in a 48 y-o female patient with cerebral palsy of athetotic type, who require abnormally high abdominal pressure during eating. Emergency total gastrectomy was performed. Massive transmural hemorrhagic necrosis is seen, and the eroded oxyntic gastric mucosa shows coagulation necrosis and neutrophilic infiltration (H&E-3).