Acute Esophageal Necrosis (Black Esophagus):
Endoscopic and Histopathologic Appearance

Figure 1 A 55-year-old woman in generally poor condition was admitted with life-threatening gastrointestinal bleeding. At endoscopy, a dark diffuse black-greenish appearance was seen in the middle part of the esophagus. The necrotic esophageal mucosa was covered by pseudomembrane (asterisk) that could easily be removed by forceps.

S. Rejchrt1, T. Douda1, M. Kopáčová1, M. Široký1, R. Repák1, J. Nožička2, J. Špaček2, J. Bureš3
1 Clinical Centre, Second Department of Medicine, Charles University Teaching Hospital, Hradec Králové, Czech Republic
2 The Fingerland Institute of Pathology, Charles University Teaching Hospital, Hradec Králové, Czech Republic

Corresponding Author
S. Rejchrt, M.D., Ph.D.
Clinical Centre, Second Department of Medicine, Charles University Teaching Hospital
Sokolská 408
Hradec Králové
50005 Czech Republic
Fax: +420-495-832003
E-mail: rejchrt@fhk.cuni.cz

Figure 2 Mucosal and submucosal necrosis was found at histology (hematoxylin–eosin stain). Non-specific granuloma was seen at the centre (asterisk).

Figure 3 Appearance at control endoscopy after 3 months. Re-epithelialization had taken place in the proximal esophagus and circular ulceration covered with white fibrin was seen in the distal esophagus.

Figure 4 A 47-year-old man with relapse of cancer of the oral cavity. The patient was referred for percutaneous endoscopic gastrostomy (PEG) tube placement and an asymptomatic black esophagus was found.