

Sclerosant extravasation following endoscopic injection sclerotherapy for bleeding gastric varices

A 71-year-old woman was admitted to our hospital because of vomiting blood, and an endoscopic examination revealed ruptured gastric varices (● Fig. 1). Endoscopic injection sclerotherapy was carried out by injecting a total of 2 mL of sclerosant (a mixture of 1 mL of cyanoacrylate and the same amount of lipiodol) into the varices (● Fig. 2), and endoscopic hemostasis was achieved (● Fig. 3).

Immediately after the procedure, the patient complained of left upper quadrant pain, and she was treated with an analgesic. Radiograph and computed tomography (● Fig. 4a, b) revealed a high-density area around the left diaphragm, and we made a diagnosis of extravasation of the sclerosant following sclerotherapy. The symptoms resolved 1 day after the procedure.

Only one previous report has focused on extravasation following sclerotherapy for bleeding gastric varices. Cheng et al. reported a case of intraperitoneal sclerosant leakage after sclerotherapy with a 3 mL mixture of cyanoacrylate and lipiodol [1]. Sclerosant extravasation following sclerotherapy for gastric varices is a very rare but serious complication.

Endoscopy_UCTN_Code_CPL_1AH_2AC

K. Akimoto, M. Inamori, T. Akiyama, H. Endo, K. Fujita, M. Yoneda, H. Takahashi, A. Goto, Y. Abe, H. Kirikoshi, N. Kobayashi, K. Kubota, S. Saito, N. Ueno, A. Nakajima

Gastroenterology Division, Yokohama City University School of Medicine, Japan

References

- 1 Cheng HC, Cheng PN, Tsai YM et al. Sclerosant extravasation as a complication of sclerosing endotherapy for bleeding gastric varices. *Endoscopy* 2004; 36: 239–241

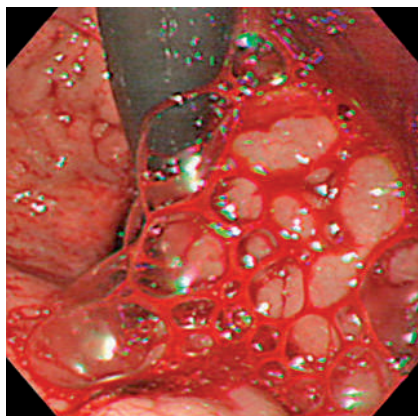


Fig. 1 Bleeding from gastric varices was revealed.

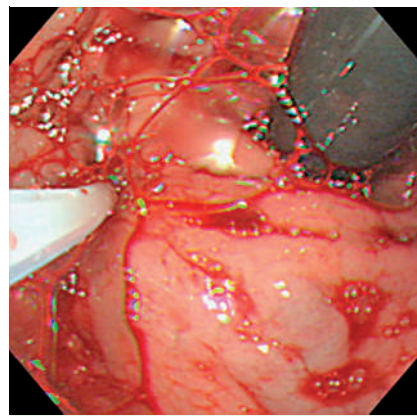


Fig. 2 Endoscopic injection sclerotherapy was carried out.

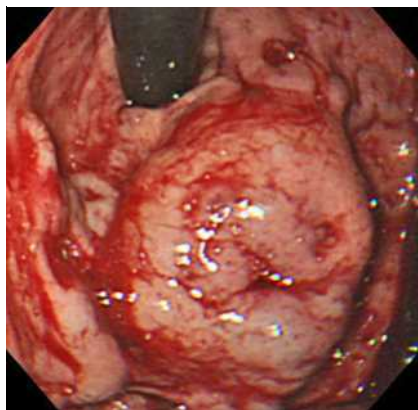


Fig. 3 Endoscopic hemostasis was successful.



Fig. 4 a, b A computed tomography scan revealed a high-density area around the left diaphragm.

Bibliography

DOI 10.1055/s-2007-966832

Endoscopy 2007; 39: E242

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Corresponding author

M. Inamori, MD

Gastroenterology Division
Yokohama City University School of Medicine
3-9 Fukuura
Kanazawa-ku
Yokohama 236-0004
Japan
Fax: +81-45-784-3546
Email: inamorim@med.yokohama-cu.ac.jp