A reaction to silicone spray

A 50-year-old man underwent surveillance colonoscopy following a right hemicolectomy for a Dukes stage A tumor of the ascending colon 5 years previously. At colonoscopy, an 8-mm polyp was found in the distal sigmoid. A silicone spray was used to assist in snaring of the polyp. The patient immediately developed pain, and the rectum was noted to become erythematous. The patient settled with conservative management. Although some silicone compounds are known to irritate mucous membranes, the active ingredient in silicone spray used in endoscopy, dimethylpolysiloxane is not harmful. However, propane and butane, which are used as propellants in the spray, can cause frostbite and freeze burns. Such sprays should be used with caution in endoscopic procedures.

Competing interests: None

Endoscopy_UCTN_Code_CPL_1AJ_2AB

C. Grimes, P. Aughwane, M. Klein
Department of Surgery, Chase Farm Hospital, Enfield, Middlesex EN2 8JL, UK

Fig. 1 Polyp in the distal sigmoid.

Fig. 2 Removal of polyp.

Fig. 3 **a, b** Erythematous reaction.

Bibliography
DOI 10.1055/s-0029-1243985
Endoscopy 2010; 42: E128
© Georg Thieme Verlag KG Stuttgart · New York ·
ISSN 0013-726X

Corresponding author
C. Grimes
Department of Surgery
Chase Farm Hospital
The Ridgeway
Enfield, Middlesex EN2 8JL
UK
carisgrimes@doctors.org.uk

This document was downloaded for personal use only. Unauthorized distribution is strictly prohibited.