

<b>Products</b>	AquaShield™ water bottle system
<b>Procedural Area</b>	Endoscope Care and Accessories
<b>Article</b>	Gluteraldehyde Colitis Following Endoscopy: Clinical and Pathological Features and Investigation of an Outbreak
<b>Publication</b>	West AB. Kuan S. Bennick M. LaGarde S. Gluteraldehyde Colitis Following Endoscopy: Clinical and Pathological Features and Investigation of an Outbreak. Gastroenterology 1995;108:1250-1255
<b>URL</b>	<a href="http://www.gastrojournal.org/article/0016-5085(95)90227-9/abstract">http://www.gastrojournal.org/article/0016-5085(95)90227-9/abstract</a>
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<b>Purpose</b>	Investigate an outbreak of Gluteraldehyde-induced colitis and describe the clinical and pathological features.
<b>Key Points</b>	<p><b>Background</b></p> <ul style="list-style-type: none"> <li>• Gluteraldehyde is a chemical used to high level disinfect endoscopes.</li> <li>• Mucosal exposure to this chemical can cause colitis (inflammation of the bowel) with necrosis and ulcerations.</li> <li>• Patients afflicted with this experience severe abdominal cramps, rectal bleeding, a high temperature, and chills.</li> </ul> <p><b>Study Methods</b></p> <ul style="list-style-type: none"> <li>• 4 cases of Gluteraldehyde-induced colitis at a health maintenance organization were investigated.</li> </ul> <p><b>Results</b></p> <ul style="list-style-type: none"> <li>• 3 cases were the result of exposure to Gluteraldehyde due to inadequately rinsed endoscopes.</li> <li>• 1 case was the result of an inadequately rinsed water bottle.</li> </ul>
<b>Conclusions</b>	Inadequate adherence to established cleaning guidelines can result in residual amounts of this toxic chemical being left in the endoscope and reusable water bottle system.
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