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# Peritonitis with small intestinal perforation caused by a plastic bread bag clip: A case report

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## Highlights

- Plastic bread bag clips can cause serious adverse events like gastrointestinal perforation and penetration, when it is ingested.
- Bread bag clips need caution in handling, particularly in houses and facilities where young children, people with mental retardation, and/or elderly people with dementia live.
- In cases of accidental ingestion of bread bag clips careful observations should be made to allow for removal within reach of upper GI endoscopy.

## Abstract

**INTRODUCTION,** Cases of a foreign body ingestion often require surgical treatment due to perforation or penetration. There is a possibility that plastic bread bag clips also cause serious adverse events when they are ingested.

**PRESENTATION OF A CASE,** We report a rare case of peritonitis with small intestinal perforation caused by a plastic bread bag clip that needed surgical treatment. A 47-year-old man was taken to our hospital because of abdominal distension and vomiting. A computed tomography test demonstrated findings of small intestinal perforation, and a high-density object was seen in the jejunum. During emergency surgery, it was discovered that a plastic bread bag clip had caused the perforation.

**DISCUSSION,** Some cases of gastrointestinal tract perforation or bleeding due to the ingestion of bread bag clips have been reported overseas. Because bread bag clips are normally radiolucent, they are impossible to discover when accidentally ingested, so diagnosis is difficult unless the patient remembers the incident. The shape of plastic

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