

## ANSWERING REVIEWERS



December 9, 2015

Dear Editor,

Please find enclosed the revised manuscript in Word format (file name: ESPS-23316-cleared.doc).

**Title:** Rupture of sigmoid colon caused by compressed air

**Authors:** Wan-Bin Yin, Ji-Lin Hu, Yuan Gao, Xian-Xiang Zhang, Mao-Shen Zhang, Guang-Wei Liu, Xue-Feng Zheng, Yun Lu

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript No:** 23316

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated.

Yes, we have updated the format according to the guidelines for Case report.

2 Revisions have been made according to the comments of the reviewers.

**Reviewer 00058361**

**Comment 1:** First sentence: delete in industry: i.e. Compressed air has been generally used since the beginning of the 20th century for various applications.

**Reply:** We have changed the sentence as “Compressed air has been generally used since the beginning of the 20th century for various applications”.

**Comment 2:** Second page: About 2 hours before his arrival to hospital a

colleague placed, as means of a practical jok, a compressed air nozzle 10 cm distant from his anus. Roentgenograms taken .... X-rays taken to relieve the tension within the pneumoperitoneum.

**Reply:** We have revised the sentences as " About 2 hours before his arrival to hospital a colleague placed, as means of a practical jok, a compressed air nozzle 10 cm distant from his anus. X-rays taken in the supine showed a large volume of air in the abdominal cavity and elevated diaphragm (Figure 1). A nasogastric tube was inserted and peritoneocentesis was done with a 23-gauge needle to relieve the tension within the pneumoperitoneum."

**Reviewer 00186781**

**Comment 1:** What keywords were used for PubMed search?

**Reply:** A PubMed literature search was performed using key words "colon" and "compressed air", and only English language articles were collected.

**Comment 2:** What were the indications for computed tomography if the diagnosis was clear based on complaints, anamnesis, physical examination and X-rays?

**Reply:** Computed tomography of the abdomen showing a large volume of air in the abdominal cavity will confirm the diagnosis. Although most cases are diagnosed on the initial visit, some cases of delayed colonic rupture have been occasionally reported

**Comment 3:** What was the type and extent of peritonitis?

**Reply:** A diagnosis of perforation of the gastrointestinal tract and acute diffuse secondary peritonitis was made.

**Comment 4:** Why was ileostomy performed?

**Reply:** Considering the rupture of sigmoid colon and intra-abdominal fecal contamination, ileostomy was performed to prevent intestinal fistula.

3 References and typesetting were corrected

Yes, we have checked all the references cited, giving both PMID and DOI.

Once again, thank you very much for your comments and suggestions, and for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

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