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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6988

Title: Colonoscopy-induced ischemic colitis in patients without risk factors

Reviewer code: 00035901

Science editor: Qi, Yuan

Date sent for review: 2013-10-31 20:44

Date reviewed: 2013-10-31 23:46

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The authors demonstrated two cases of colonoscopy-induced ischemic colitis in patients without risk factors, and discussed about the pathogenesis. This study will be interesting for the readers of WJG. To improve the quality of this paper, the authors should show the following data which would be closely related the occurrence of ischemic colitis; 1) The authors should demonstrate whether they used CO2 gas at the first colonoscopy examination, and the discuss the safety of the use of CO2 gas. 2) The authors should demonstrate the examination time at the first colonoscopy examination, and discuss the time as a risk of complication of colonoscopy.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6988

Title: Colonoscopy-induced ischemic colitis in patients without risk factors

Reviewer code: 02530755

Science editor: Qi, Yuan

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is an interesting case report and the discussion is clear and exhaustive. Nevertheless, the reference list needs to be largely updated: indeed, through a quick and gross Medline search I was able to trace at least 17 further reports of ischemic colitis presumably induced by either bowel preparation or colonoscopy itself, as detailed below: 1: Cheng YC, Wu CC, Lee CC, Lee TY, Hsiao KC. Rare complication following screening colonoscopy: ischemic colitis. *Dig Endosc.* 2012 Sep;24(5):379. doi: 10.1111/j.1443-1661.2011.01231.x. PubMed PMID: 22925295. 2: Baudet JS, Castro V, Redondo I. Recurrent ischemic colitis induced by colonoscopy bowel lavage. *Am J Gastroenterol.* 2010 Mar;105(3):700-1. doi: 10.1038/ajg.2009.637. PubMed PMID: 20203651. 3: Dong Q, Wang Q, Li Y. Ischemic colitis after colonoscopy in a female patient. *Am J Gastroenterol.* 2009 Aug;104(8):2123-4. doi: 10.1038/ajg.2009.216. Epub 2009 May 19. PubMed PMID: 19455113. 4: Kao KT, Jain A, Sheinbaum A. Ischemic colitis following routine screening colonoscopy: a case report. *Endoscopy.* 2009;41 Suppl 2:E100. doi: 10.1055/s-0028-1119622. Epub 2009 May 5. PubMed PMID: 19418419. 5: Arhan M, Onal IK, Odemis B, Ibi? M, Sa?maz N. Colonoscopy-induced ischemic colitis in a young patient with no risk factor. *Am J Gastroenterol.* 2009 Jan;104(1):250-1. doi: 10.1038/ajg.2008.28. PubMed PMID: 19098885. 6: Yüksel O, Bolat AD, K?klü S, Altiparmak E, Albayrak M, Caner S. Ischemic colitis, an unusual complication of colonoscopy. *South Med J.* 2008 Sep;101(9):972-3. doi: 10.1097/SMJ.0b013e31817ed2a5. PubMed PMID: 18708963. 7: Nozawa H, Akiyama Y, Sunaga S, Tsurita G. Ischemic colitis following colonoscopy in an elderly patient on cardiovascular medication. *Endoscopy.* 2007 Feb;39 Suppl 1:E344-5. doi: 10.1055/s-2007-995329. PubMed PMID: 18273789. 8: Lopez Morra HA, Fine SN, Dickstein G. Colonic ischemia with laxative use in young adults. *Am J Gastroenterol.* 2005 Sep;100(9):2134-6. PubMed PMID: 16128966. 9: Versaci A, Macri A, Scuderi G,



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Bartolone S, Familiari L, Lupattelli T, Famulari C. Ischemic colitis following colonoscopy in a systemic lupus erythematosus patient: report of a case. *Dis Colon Rectum*. 2005 Apr;48(4):866-9. PubMed PMID: 15750796. 10: Munakata M, Kasai M, Kon K, Sakata Y. [A case of ischemic colitis induced by preparation in colonoscopic examination]. *Nihon Shokakibyō Gakkai Zasshi*. 2002 Nov;99(11):1334-8. Review. Japanese. PubMed PMID: 12462052. 11: Nakamuta K, Shirono K, Matsunaga K, Murata I, Hayakawa Y, Murase K, Kohno S. [A case of ischemic colitis with skip lesions induced by colonoscopy]. *Nihon Shokakibyō Gakkai Zasshi*. 2000 Oct;97(10):1283-7. Japanese. PubMed PMID: 11075594. 12: Yoshikawa T, Sasaki K, Kunimoto M, Sasaki K, Hirata K. [Two cases of ischemic colitis caused by colonoscopy examination]. *Nihon Shokakibyō Gakkai Zasshi*. 1999 Dec;96(12):1381-5. Review. Japanese. PubMed PMID: 10643303. 13: Prignet JM, Gilles B, Duval JL, Chauveau E, Carrère C. [Ischemic colitis after a colonoscopy]. *Gastroenterol Clin Biol*. 1998 Dec;22(12):1116-7. French. PubMed PMID: 10051994. 14: Chaussade S, Roseau G. [Ischemic colitis during colonoscopy: progression toward stenosis]. *Presse Med*. 1998 May 2-9;27(17):836. French. PubMed PMID: 9767895. 16: Oh JK, Meiselman M, Lataif LE Jr. Ischemic colitis caused by oral hyperosmotic saline laxatives. *Gastrointest Endosc*. 1997 Mar;45(3):319-22. PubMed PMID: 9087846. 17: Wheeldon NM, Grundman MJ. Ischaemic colitis as a complication of colonoscopy. *BMJ*. 1990 Nov 10;301(6760):1080-1. PubMed PMID: 2249072; PubMed Central PMCID: PMC1664204. Further, among the endoscopic sign suggestive for ischemic colitis the "single stripe sign" described by Zuckerman et al (*Am J Gastroenterol*. 2003;98:2018-22) needs to be cited. Finally, I believe that a revision by a mother-tongue English speaker is necessary



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6988

Title: Colonoscopy-induced ischemic colitis in patients without risk factors

Reviewer code: 00033708

Science editor: Qi, Yuan

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The manuscript entitled “colonoscopy-induced ischemic colitis in patients without risk factors” by Sang Ok Lee, et al. showed 2 cases suggestive of ischemic colitis after colonoscopy. Ischemic colitis is rare in young people around forty years of age and ischemic colitis after colonoscopy is of interest. Although clinical course of these two cases seem to be resembling ischemic colitis, information to diagnose them as ischemic colitis is not considered to be sufficiently provided. Specific 1) Were there hemosiderin deposits in the colon histology? In case 1, it cannot be evaluated by the picture shown in Figure 3. In case 2, biopsy samples were not taken. 2) Was infectious colitis ruled out by fecal bacterial culture in these two cases? 3) Both of two cases were subjected “routine screening colonoscopy”. What do you mean by routine? Did these two young female people perform colonoscopy as routine medical checkup? Did they perform colonoscopy without any symptoms? 4) How did you confirm that these patients do not have risk factors for ischemia? It is written that no prior medical history. But did you perform examination about risk factors of ischemia after the onset of the disease? Minor 1) How long was the procedure time of colonoscopy in the two cases? Was carbon dioxide insufflations used? How did you deny the procedures were not traumatic? 2) Were the patients obese?