

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 34043

Title: Endoscopy is of low yield in the identification of gastrointestinal neoplasia in patients with dermatomyositis: A cross-sectional study

Reviewer's code: 02445721

Reviewer's country: Thailand

Science editor: Yuan Qi

Date sent for review: 2017-03-28

Date reviewed: 2017-03-29

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Re: Manuscript no. 34043 Name of Journal: World Journal of Gastroenterology Title: Endoscopy is of low yield in the identification of gastrointestinal neoplasia in patients with dermatomyositis: A cross-sectional study Short title/Running head: Kidambi, et al. Yield of endoscopy in dermatomyositis Reviewer's comment By searching keywords: endoscopy and dermatomyositis in Pubmed ; it showed 41 related articles whereas 37 related articles gastrointestinal were found for "neoplasia and dermatomyositis (DM)". Thus the strength of this topic is lacking information in this field which is the area of interest to get new knowledge for clinical practice. In addition, the authors used a chart review method which is better than the code based system to identify the definite diagnosis of dermatomyositis. 1. The nature of retrospective, cross-sectional study cause limitation to summary the benefit of endoscopy in this group of patients. The selection bias of enrolled patients showed that only 28.8% of DM patients underwent upper endoscopy, and 41.1% of DM patients underwent colonoscopy. Other confounders eg .

Epstein-Barr virus which had been reported that it related to gastric cancer in DM patients¹. The primary outcome of the study was the yield of endoscopy to identify GI neoplasia among dermatomyositis patients. However the age range of this sample size should be concerned². From this study, the mean age of patients at the time of endoscopy was 56.7 +/-14.4 years with a range 21-88 years. The elderly patients may contribute the higher incidence of GI malignancy which need more details. One study showed that age at disease diagnosis was a predictive factor of malignancy³. The result of endoscopy in this study is needed to be emphasize the whether signs or symptoms were present at the time of endoscopy. The symptoms and signs may cause higher diagnostic yield than asymptomatic DM cases as shown in this study..."Asymptomatic patients undergoing colonoscopy were more likely to have a normal exam than those with symptoms (86.3% versus 56.3%, respectively, $p = 0.01$)" ⁴. The result of no statistical differences in the yield of EGD for pre-malignant conditions stratified by age is needed to be rewrite due to the small subgroup population. ⁵. Long-term follow up is the essential information in this group of patients for example, one study showed that the gastrointestinal disorders is found in 8.0% of DM group⁴ therefore the authors should add more information of long-term follow up in this cohort⁵.
References ? 1. Yamashita K, Hosokawa M, Hirohashi S, et al. Epstein-Barr virus-associated gastric cancer in a patient with dermatomyositis. *Internal medicine* (Tokyo, Japan) 2001;40:96-9. ? 2. Marie I, Hatron PY, Levesque H, et al. Influence of age on characteristics of polymyositis and dermatomyositis in adults. *Medicine* 1999;78:139-47. ? 3. de Souza FH, Shinjo SK. Newly diagnosed dermatomyositis in the elderly as predictor of malignancy. *Revista brasileira de reumatologia* 2012;52:713-21. ? 4. Santo AH, Souza JM, Pinheiro CE, Souza DC, Sato EI. Trends in dermatomyositis- and polymyositis-related mortality in the state of Sao Paulo, Brazil, 1985-2007: multiple cause-of-death analysis. *BMC public health* 2010;10:597. ? 5. Maoz CR, Langevitz P, Livneh A, et al. High incidence of malignancies in patients with dermatomyositis and polymyositis: an 11-year analysis. *Seminars in arthritis and rheumatism* 1998;27:319-24.

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Name of journal: World Journal of Gastroenterology

Manuscript NO: 34043

Title: Endoscopy is of low yield in the identification of gastrointestinal neoplasia in patients with dermatomyositis: A cross-sectional study

Reviewer's code: 03317203

Reviewer's country: Australia

Science editor: Yuan Qi

Date sent for review: 2017-04-10

Date reviewed: 2017-04-27

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

Thank you for inviting me to review the article "Endoscopy is of low yield in the identification of gastrointestinal neoplasia in patients with dermatomyositis: a cross-sectional study". This is an observational study attempting to quantify the actual risk of GI malignancy in patients with dermatomyositis and the yield of routine screening endoscopy in this population. The study is performed by retrospective chart review after identifying patients with dermatomyositis and reviewing endoscopy results. The paper is well written with good numbers and a thorough search method and provides evidence for management of a rare condition. Only minor corrections are suggested. Tables and figures support the text well. Introduction: Actual numbers would strengthen this section. How common is dermatomyositis? What is the prevalence of GI malignancies and compare this to the equivalent normal population. Discussion: again, actual numbers and comparison with the normal population would strengthen the discussion including when discussing other studies. Otherwise a



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comprehensive discussion. Minor typographical errors only.