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Prospective Study

A non-guided self-learning program for high-proficiency optical diagnosis of diminutive and small colorectal lesions: A single-endoscopist pilot study

Bustamante-Balén M *et al.* OD self-learning for colorectal lesions

Marco Bustamante-Balén, Carla Satorres, Lorena Puchades, Belén Navarro, Natalia García-Morales, Noelia Alonso, Marta Ponce, Lidia Argüello, Vicente Pons

Abstract

BACKGROUND

The implementation of optical diagnosis (OD) of diminutive colorectal lesions in clinical practice has been hampered by differences in performance between community and academic settings. One possible cause is the lack of a standardized learning tool. Since the factors related to better learning are not well described, strong evidence upon which a consistent learning tool could be designed is lacking. We hypothesized that a self-designed learning program may be enough to achieve competency in OD of diminutive lesions of the colon.

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Optical Diagnosis of Small Colorectal Polyp Histology with High ...

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作者: A Rastogi - 2013 - 被引用次数: 20 - 相关文章

Optical diagnosis of polyp histology can potentially result in enormous cost savings by way of the ...
Keywords: Narrow band imaging, Optical diagnosis, Diminutive polyps Rastogi et al.14 in a pilot study described two patterns each for hyperplastic and Of the 281 lesions <1 cm in size, 231 were characterized with high ...

Optical diagnosis of colorectal lesions requires technology, dedication

...

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作者: AI Wilson - 2014 - 被引用次数: 1 - 相关文章

2014年9月8日 - Optical diagnosis of small colorectal polyps without the need for ... time endoscopic assessment of the histology of diminutive colorectal polyps to ... the accuracy of optical diagnosis for colonic lesions is not acceptable for ... after training, revealed an increase in the proportion of high confidence diagnoses.

Optical diagnosis of colorectal polyps using high-definition i-scan: An ...

<https://www.wjgnet.com/1007-9327/full/v19/i27/4334.htm> ▾ 翻译此页

作者: MWE Bouwens - 2013 - 被引用次数: 25 - 相关文章

2013年7月21日 - At our institution, training on recognition of colorectal lesions, with focus on ... after a short training session, irrespective of their prior endoscopy practice experience. ... Table 1
Classification system for diagnosis of non-adenomatous and ... polyps to create a test which can be accomplished within 1 h.

The Resect-and-Discard Strategy for Management of Small and ...

www.gastroenterologyandhepatology.net/.../the-resect-and-discard-strategy-f... ▾ 翻译此页

作者: F Radaelli - 被引用次数: 5 - 相关文章

FR Small (6–9 mm) and diminutive (1–5 mm) colonic polyps are commonly ... and non-neoplastic polyps, and endoscopic follow-up is recommended only for the ... for the diagnosis of adenomas versus hyperplastic polyps is not perfect (ranging many studies have demonstrated that experts



A non-guided self-learning program for high-proficiency optical diagnosis of dimi



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Optical diagnosis of colorectal polyps using high ... - NCBI - NIH

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作者: MWE Bouwens - 2013 - 被引用次数: 24 - 相关文章

2013年7月21日 - **Diminutive lesions** were predicted with a lower mean accuracy as compared to ...
CONCLUSION: After a **single training** session, **endoscopists** with varying ... performances for **optical diagnosis** of **small colorectal** polyps using HD levels of **training**[6,22], thus emphasizing the need for **learning programs** ...

Effectiveness of computer-aided diagnosis of colorectal lesions using ...

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作者: N Tamai - 2017 - 被引用次数: 6 - 相关文章

2017年8月3日 - The aim of this **study** was to evaluate the effectiveness of **software** for CAD ...
Relatively **high diagnostic** values were obtained using CAD. by a **single** experienced **endoscopist**, thus precluding determination of interobserver agreement. between neoplastic and **non-neoplastic small colorectal lesions**.

Optical Diagnosis of Small Colorectal Polyp Histology with High ...

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作者: A Rastogi - 2013 - 被引用次数: 21 - 相关文章

2013年3月31日 - Incorporation of **optical diagnosis** of **diminutive** polyps into clinical practice is
physicians with less or **no** experience in NBI can **learn** to distinguish ... **High** confidence essentially means that the polyp has **one** or more Narrow-band imaging in the **diagnosis** of **colorectal mucosal lesions**: a **pilot study**.

Real-Time Optical Biopsy of Colon Polyps With Narrow Band Imaging

...

[https://www.gastrojournal.org/article/S0016-5085\(12\)01455-2/fulltext](https://www.gastrojournal.org/article/S0016-5085(12)01455-2/fulltext) - 翻译此页

作者: U Ladabaum - 2013 - 被引用次数: 161 - 相关文章

For **diminutive** rectosigmoid polyps assessed with **high** confidence at the end of the ... Accurate **endoscopic** determination of the histology of **colorectal** polyps ... Several **studies** suggest that nonexperts can **learn optical diagnosis** with NBI ex last 30 consecutive **independent diminutive**

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A **HIGH PROFICIENCY ON OPTICAL DIAGNOSIS** WITH NARROW-BAND IMAGING (NBI) CAN BE ACHIEVED BY A **NON-GUIDED SELF-LEARNING PROGRAM** ... **BLUE LIGHT IMAGING FOR THE OPTICAL DIAGNOSIS OF SMALL COLORECTAL** **FONTAN SURGERY: A PROSPECTIVE MULTICENTER PILOT STUDY**.