

直肠神经内分泌肿瘤的临床病理特征及误诊原因分析

《现代肿瘤医学》[ISSN:1672-4992/CN:61-1415/R] 期数: 2019年03期 页码: 436-439 栏目: 论著 (消化·泌尿系肿瘤) 出版日期: 2018-12-29

Title: Analysis on the clinicopathologic characteristics of rectal neuroendocrine tumors and the reasons for its misdiagnosis

作者: 曾艳; 李理; 汪芸; 张玲; 解荣庆; 路迎冬
中国中医科学院广安门医院病理科, 北京 100053

Author(s): Zeng Yan; Li Li; Wang Yun; Zhang Ling; Xie Rongqing; Lu Yingdong
Department of Pathology,Guang'anmen Hospital, China Academy of Chinese Medical Sciences, Beijing 100053, China.

关键词: 直肠神经内分泌肿瘤; 临床病理特征; 回顾性分析; 误诊

Keywords: rectal neuroendocrine tumors; clinicopathological features; retrospective study; misdiagnosis

分类号: R735.3 + 7

DOI: 10.3969/j.issn.1672-4992.2019.03.019

文献标识码: A

摘要: 目的: 探讨直肠神经内分泌肿瘤的临床和病理特征, 减少误漏诊。方法: 回顾性分析22例经病理证实的直肠神经内分泌肿瘤的临床资料和组织学表现及误漏诊情况。结果: 22例直肠神经内分泌肿瘤中1例曾漏诊, 15例曾误诊, 其中误诊为混合痔8例, 直肠息肉5例, 肛瘘2例。结论: 直肠神经内分泌肿瘤临床极易误诊, 病理学表现具有诊断提示意义, 临床和病理医师提高对直肠神经内分泌肿瘤病变的认识, 将其列入诊断和鉴别诊断思路, 可减少和避免漏诊、误诊。

Abstract: Objective: To investigate the pathological and clinical features of rectal neuroendocrine tumors in order to reduce the misdiagnosis and missed diagnosis rates.Methods: The clinical data, histopathological changes and misdiagnosis and missed diagnosis reasons of 22 cases of rectal neuroendocrine tumors were investigated retrospectively.Results: In 22 cases of rectal neuroendocrine tumors,1 case was missed and 15 cases were misdiagnosed.8 patients were diagnosed as mixed hemorrhoids.5 patients were diagnosed as rectal polyp.2 patients were diagnosed as anal fistula.Conclusion: The clinical symptoms are not very specific.So misdiagnosis is very common.If we are aware of rectal neuroendocrine tumors in the differential diagnosis, improve the abilities of diagnosis, we can avoid missed diagnosis and misdiagnosis.

参考文献/REFERENCES

- [1] Bosman FT, Garneiro F, Hruban RH, et al.WHO classification of tumors of the digestive system [M] .Lyon: IARC Press, 2010: 11-20.
- [2] Chinese Gastroenteropancreatic Neuroendocrine Neoplasm Pathology Expert Group.Consensus opinion on pathological diagnosis of gastroenteropancreatic neuroendocrine neoplasm in China [J] .Chin J Pathol, 2011, 40 (4) : 257 - 262. [中国胃肠胰神经内分泌肿瘤病理专家组.中国胃肠胰神经内分泌肿瘤病理学诊断共识意见 [J] .中华病理学杂志, 2011, 40 (4) : 257 - 262.]
- [3] Cho MY, Kim JM, Sohn JH, et al.Current trends of the incidence and pathological diagnosis of gastroenteropancreatic neuroendocrine tumors(GEP-NETs)in Korea 2000-2009: Multicenter study [J] .Cancer Res Treat, 2012, 44(3): 157-165.
- [4] Lin HH, Lin JK, Jiang JK, et al.Clinicopathological analysis of colorectal carcinoid tumors and patient outcomes [J] .World Journal of Surgical Oncology, 2014, 12(1): 366.
- [5] Kojima M, Ikeda K, Saito N, et al.Neuroendocrine tumors of the large intestine: Clinicopathological features and predictive factors of lymph node metastasis [J] .Front Oncol, 2016, 6(173): 3389.
- [6] Soga J.Early-stage carcinoids of the gastrointestinal tract: An analysis of 1 914 reported cases [J] .Cancer, 2005, 103(8): 1587-1595.
- [7] Untch BR, Bonner KP, Roggin KK, et al.Pathologic grade and tumor size are associated with recurrence-free survival in patients with duodenal neuroendocrine tumors [J] .J Gastrointest Surg, 2014, 18(3): 457-462.
- [8] Landry CS, Brock G, Scoggins CR, et al.A proposed staging system for rectal carcinoid tumors based on an

- analysis of 4 701 patients [J] .Surgery, 2008, 144(3): 460-466.
- [9]Mitsuhashi K, Yamamoto I, Kurihara H, et al.Analysis of the molecular features of rectal carcinoid tumors to identify new biomarkers that predict biological malignancy [J] .Oncotarget, 2015, 6(26): 22114-22125.
- [10]Jetmore AB, Ray JE, Gathright JB Jr, et al.Rectal carcinoids.The most frequent carcinoid tumors [J] .Dis Colon Rectum, 1992, 35(8): 717-725.
- [11]Naunheim KS, Zeitels J, Kaplan EL, et al.Rectal carcinoid tumors.Treatment and prognosis [J] .Surgery, 1983, 94(4): 670-676.
- [12]Nagata K, Tajiri K, Shimada S, et al.Rectal neuroendocrine tumor G1 with a solitary hepatic metastatic lesion [J] .Intern Med, 2017, 56(3): 289-293.
- [13]Xu G, Wang P, Xiao Y, et al.Local resection of rectal neuroendocrine tumor with first clinical manifestation of giant liver metastasis by transanal endoscopic microsurgery: A case report [J] .Medicine, 2017, 96(50): e9153.
- [14]Sun W, Lipsitz S, Catalano P, et al.Phase II/III study of doxorubicin with fluorouracil compared with streptozocin with fluorouracil or dacarbazine in the treatment of advanced carcinoid tumors: Eastern cooperative oncology group study E1281 [J] .J Clin Oncol, 2005, 23(22): 4897-4904.
- [15]Starzynska T, Londzin-Olesik M, Baldys-Waligorska A, et al.Colorectal neuroendocrine neoplasms: Management guidelines (recommended by the Polish Network of Neuroendocrine Tumours) [J] .Endokrynol Pol, 2017, 68(2): 250-260.
- [16]Yamashina T, Tumura T, Maruo T, et al.Underwater endoscopic mucosal resection: A new endoscopic method for resection of rectal neuroendocrine tumor grade1(carcinoid) \leq 10 mm in diameter [J] .Endosc Int Open, 2018, 6(1): E111-E114.
- [17]Takatsu Y, Fukunaga Y, Nagasaki T, et al.Short-and long-term outcomes of laparoscopic total mesenteric excision for neuroendocrine tumors of the rectum [J] .Dis Colon Rectum, 2017, 60(3): 284-289.

备注/Memo: -

更新日期/Last Update: 2018-12-29