



首页

最新一期

期刊动态

过刊浏览

医学视频

在线投稿

期刊检索

期刊订阅

合作科室

国

登

您的位置: [首页](#)>> [文章摘要](#)

[中文](#) [English](#)

预防性应用抗生素预防乳腺癌手术后手术部位感染的Meta分析

王勇, 张晶晶, 李珊, 阮翊

467000 河南平顶山, 中国平煤神马医疗集团总医院普外一区

阮翊, Email: ruanyiqjzx@sohu.com

摘要:目的 系统评价预防性应用抗生素预防乳腺癌手术后手术部位感染的疗效。方法 检索1975-2013年发表的所有预防性使用抗菌药物对乳腺癌手术后手术部位感染影响的随机对照试验, 进行荟萃分析。选择符合纳入标准的随机对照试验7项, 共2220例患者; 共有150例发生感染, 感染率为6.76%。其中1115例, 有53例发生感染, 感染率为4.75%; 对照组1105例, 有97例发生感染, 感染率为8.75%。分析显示, 预防性使用抗菌药物组可以减少手术部位感染48% (OR 0.52, 95% CI 0.37~0.73, P=0.0002)。抗生素能有效降低乳腺癌手术后手术部位感染率。

关键词: 乳腺肿瘤; Meta分析; 预防性应用抗生素; 手术部位感染

[评论](#) [收藏](#) [全](#)

文献标引: 王勇, 张晶晶, 李珊, 阮翊. 预防性应用抗生素预防乳腺癌手术后手术部位感染的Meta分析[J]. 中华临床医师杂志(电子版), 2013, 7(13): 5989-5992. [复制](#)

参考文献:

- [1] Lefebvre D, Penel N, Deberles MF, et al. Incidence and surgical wound infection after breast cancer surgery. Presse Medicale, 2000, 29:1927-1932. :[PubMed](#)
- [2] Witt A, Yavuz D, Walchetseder C, et al. Preoperative core needle biopsy as an independent risk factor for wound infection after breast surgery. Obstetrics and Gynecology, 2003, 101:700-704.
- [3] Vazquez-Aragon P, Lizan-Garcia M, Cascales-Sanchez P, et al. Nosocomial infection risk factors in a general surgery setting: a prospective study. Journal of Infection, 2003, 46:100-105.
- [4] Amland PF, Andenaes K, Samdal F, et al. A prospective double-blind, placebo-controlled study of a single dose of azithromycin on postoperative wound infections in plastic surgery. Plastic and Reconstructive Surgery, 1995, 96:1378-1383. :[PubMed](#)
- [5] Bold RJ, Mansfield PF, Berger DH, et al. Prospective randomised, double-blind study of prophylactic antibiotics in axillary lymph node dissection. American Journal of Surgery, 1998, 176:200-204.
- [6] Paaajanen H, Hermunen H. Does preoperative core needle biopsy increase surgical wound infection rate? A retrospective study. European Journal of Surgical Oncology, 2003, 29:100-104.

期刊导读

7卷13期 2013年7月 [最新]



期刊存档

期刊存档

[查看目录](#)

期刊订阅



在线订阅



邮件订阅



RSS

作者中心



资质及晋升信息



作者查稿



写作技巧



投稿方式



作者指南

编委会

期刊服务



建议我们



会员服务



广告合作



继续教育

breast cancer surgery? Randomized study of antibiotic prophylaxis. *Surgical Infection* [PubMed]

[7] Platt R, Zaleznik DF, Hopkins CC, et al. Perioperative antibiotic prophylaxis for breast surgery. *N Engl J Med*, 1990, 322:153-160. : [PubMed]

[8] Wagman LD, Tegtmeier B, Beatty JD, et al. A prospective, randomized double-blind trial of antibiotics at the time of mastectomy. *Surgery, Gynecology and Obstetrics*, 1990, 170:12-16.

[9] Hall JC, Willsher PC, Hall JL. Randomized clinical trial of single-dose antibiotic prophylaxis for non-reconstructive breast surgery. *British Journal of Surgery*, 2006, 93:1342-1346. : [PubMed]

[10] Gulluoglu BM, Guler SA, Ugurlu MU, et al. Efficacy of Prophylactic Antibiotic Administration in Breast Cancer Surgery in Overweight or Obese Patients A Randomized Controlled Trial. *Ann Surg*, 2013, 257:37-43. : [PubMed]

[11] Bray F, McCarron P, Parkin DM. The changing global pattern of female breast cancer mortality. *Breast Cancer Research*, 2004, 6:229-239. : [PubMed]

[12] D' Amico DF, Parimbelli P, Ruffolo C. Antibiotic prophylaxis in clean surgery: a randomized trial in hernia repair. *J Chemother*, 2001, 13:108-111. : [PubMed]

[13] Vilar-Compte D, Rosales S, Hernandez-Mello N, et al. Surveillance, control, and prevention of surgical site infections in breast cancer surgery: a 5-year experience. *Am J Infect Control*, 2007, 35:679. : [PubMed]

[14] Penel N, Fournier C, Giard S, et al. A prospective evaluation of antibiotic prophylaxis for breast cancer surgery following previous chemotherapy. *Bull Cancer*, 2004, 91:445-449.

[15] Bunn F, Jones DJ, Bell-Syer S. Prophylactic antibiotics to prevent surgical site infections in breast cancer surgery. *Cochrane Database Syst Rev*, 2012, 1:CD005360. : [PubMed]

[16] Penel N, Yazdanpanah Y, Chauvet MP, et al. Prevention of surgical site infections in breast cancer surgery by targeted prophylaxis antibiotic in patients at high risk of surgical site infection. *Surg Oncol*, 2007, 96:124-129. : [PubMed]

[17] Mangram AJ, Horan TC, Pearson ML, et al. Guideline for prevention of surgical site infection, 1999. Hospital Infection Control Practices Advisory Committee. *Infect Control Epidemiol*, 1999, 20:250-278; quiz 279-280. : [PubMed]

循证医学

预防性应用抗生素预防乳腺癌手术后手术部位感染的Meta分析

王勇, 张晶晶, 李珊, 阮翊. . *中华临床医师杂志: 电子版* 2013;7(13):5989-5992.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

放疗联合甘氨双唑钠增敏治疗食管鳞癌的Meta分析

蒋俊, 权循凤, 张丽, 汪义纯. . *中华临床医师杂志: 电子版* 2013;7(13):5993-5997.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

