



# 中华临床医师杂志 (电子版)

## Chinese Journal of Clinicians (Electronic Edition)

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

### 期刊导读

8卷11期 2014年6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

您的位置: 首页&gt;&gt; 文章摘要

中文

English

## 封堵器植入后感染性心内膜炎的初步认识及诊治进展

杨呈伟, 李炯俏, 徐仲英, 赵世华, 吴文辉

266034 山东省, 青岛阜外心血管病医院放射科(杨呈伟、李炯俏); 中国医学科学院 北京协和医院放射科(徐仲英、赵世华); 首都医科大学附属北京安贞医院介入放射科(吴文辉)

吴文辉, Email: wenhuiwu2007@hotmail.com

青岛市公共领域科技支撑计划(12-1-3-14-nsh)

**摘要:**经导管封堵术主要用于治疗先天性心脏病间隔缺损,也用于其他心内或心外漏。封堵器植入后感染性心内膜炎(IE)非常罕见,资料较完整者仅有18例报道,但堵装置临床应用的日益广泛,该类并发症须引起足够重视,甚至对封堵术前、术后需要重新评价。本文对封堵器植入后IE的初步认识及诊治进展进行综述。

**关键词:**心内膜炎, 亚急性细菌性; 介入治疗, 封堵器

**文献标引:**杨呈伟, 李炯俏, 徐仲英, 赵世华, 吴文辉. 封堵器植入后感染性心内膜炎的初步认识及诊治进展[J]. 中华临床医师杂志(电子版), 2014, 8(10):1910-1914. 复制

### 参考文献:

[1] Franke J, Steinberg DH, Sievert H. Interventional treatment of congenital heart disease using minimally invasive techniques[J]. Minim Invasive Ther Allied Technol, 2009, 18(3): 110-121.

[2] Zhao SH, Hu DY. To advance the standardization and internationalization of the treatment of structural heart disease in China[J]. Zhonghua Xin Xue Guan Bi Xue Za Zhi, 2012, 96(2): 962.

[3] Mandegar MH, Roshanali F. Prosthetic valve malfunction after Amplatzer Duct Occluder device placement for atrial septal defect leak[J]. Ann Thorac Surg, 2011, 91(2): 614.

[4] Kennedy JL, Mery CM, Kern JA, et al. Mitral stenosis caused by a paravalvular leak after mitral valve repair[J]. Ann Thorac Surg, 2012, 93(6): 2058-2066.

[5] 蒋世良, 徐仲英, 赵世华, 等. 先天性心脏病介入治疗并发症分析[J]. 中华临床医师杂志(电子版), 2014, 8(10): 976-980.

- [6] Bullock AM, Menahem S, Wilkinson JL. Infective endocarditis on septal defect[J]. Cardiol Young, 1999, 9(1): 65–67.
- [7] Goldstein JA, Beardslee MA, Xu H, et al. Infective endocarditis closure of a patent foramen ovale[J]. Catheter Cardiovasc Interv, 2002, 57(3): 381–385.
- [8] Calachanis M, Carrieri L, Grimaldi R, et al. Infective endocarditis of a patent foramen ovale[J]. Catheter Cardiovasc Interv, 2004, 63(3): 381–385.
- [9] Balasundaram RP, Anandaraja S, Juneja R, et al. Infective endocarditis with Amplatzer atrial septal occluder[J]. Indian Heart J, 2005, 57(2): 167–171.
- [10] Scheuerman O, Bruckheimer E, Marcus N, et al. Endocarditis after ventricular septal defect by transcatheter device[J]. Pediatrics, 2006, 117(6): e1256–e1258.
- [11] 卜丽萍, 王齐兵, 潘翠珍, 等. 巨大动脉导管未闭经导管介入封堵术后血管病杂志, 2006, 34(1): 77–78.
- [12] 张健发, 马依彤, 黄定, 等. 膜周部室间隔缺损Amplatzer封堵术后亚急性瓣膜病杂志, 2007, 22(5): 389.
- [13] 刘振江, 方臻飞, 胡信群, 等. 室间隔缺损介入封堵术后迟发性感染性心内膜炎, 2007, 35(6): 582.
- [14] Zhou T, Shen XQ, Zhou SH, et al. Complications associated with perimembranous ventricular septal defects[J]. Catheter Cardiovasc Interv, 2008, 71(1): 10–14.
- [15] Slesnick TC, Nugent AW, Fraser CD, et al. Images in cardiovascular endothelialization and late development of acute bacterial endocarditis after Amplatzer septal occluder device[J]. Circulation, 2008, 117(18): e326–e327.
- [16] 孙建涛, 吴炳祥, 李剑, 等. 动脉导管未闭封堵术后迟发性感染性心内膜炎, 2009, 43(3): 312–313.
- [17] Zahr F, Katz WE, Toyoda Y, et al. Late bacterial endocarditis after Amplatzer septal occluder device[J]. Am J Cardiol, 2010, 105(2): 279–280.
- [18] Walpot J, Amsel B, Rodrigus I, et al. Late infective endocarditis device presenting as a cystic mass[J]. Echocardiography, 2011, 28(6): E125–E128.
- [19] Kassis I, Shachor-Meyouhas Y, Khatib I, et al. Kingella endocarditis associated with a transseptal device[J]. Pediatr Infect Dis J, 2012, 31(1): 73–75.
- [20] Saint-Andre C, Iriart X, Ntsinjana H, et al. Residual shunt after implantation complicated by late endocarditis[J]. Circulation, 2012, 125(14): 1621–1623.
- [21] Tuluca A, Al-Najjar R, Cornwell LD, et al. Bioprosthetic mitral valve percutaneous device closure of severe paravalvular leak[J]. Ann Thorac Surg, 2013, 95(3): 851–854.

[22] Lee CY, Ling FS, Knight PA. Endocarditis of Amplatzer occluder closure of a mitral paravalvular leak[J]. Catheter Cardiovasc Interv, 2

[23] Aruni B, Sharifian A, Eryazici P, et al. Late bacterial endocardial device[J]. Indian Heart J, 2013, 65(4): 450–451.

[24] Sievert H, Babic UU, Hausdorf G, et al. Transcatheter closure of patent foramen ovale with ASDOS device (a multi-institutional European study)[J]. Circulation, 2005, 112(11): 1405–1413.

[25] Mellert F, Preusse CJ, Haushofer M, et al. Surgical management of transcatheter ASD closure[J]. The Thoracic and cardiovascular surgeon, 2005, 53(10): 610–614.

[26] 马依彤, 李维华, 马翔. 先天性心脏病介入治疗相关并发症分析[J]. 中华心血管病杂志, 2008, 36(10): 711–714.

[27] Chessa M, Carminati M, Butera G, et al. Early and late complications of transcatheter occlusion of secundum atrial septal defect[J]. J Am Coll Cardiol, 2005, 45(18): 3271–3276.

[28] Kreutzer J, Ryan CA, Gauvreau K, et al. Healing response to transcatheter closure of intracardiac defects in humans[J]. Catheter Cardiovasc Interv, 2001, 54(2): 186–191.

[29] Latson LA, McManus BM, Doer C, et al. Endocarditis risk of the transcatheter closure of patent ductus arteriosus[J]. Circulation, 1994, 90(10): 313–318.

[30] Shapira Y, Hirsch R, Kornowski R, et al. Percutaneous closure of Amplatzer occluders: feasibility, safety, and shortterm results[J]. J Histochemistry Cytochemistry, 2002, 54(3): 313–318.

[31] Durack DT, Lukes AS, Bright DK. New criteria for diagnosis of infective endocarditis: utilization of specific echocardiographic findings. Duke Endocarditis Study Group[J]. JAMA, 1994, 271(2): 200–209.

[32] Habib G, Hoen B, Tornos P, et al. Guidelines on the prevention of infective endocarditis (new version 2009): the Task Force on the Prevention of Infective Endocarditis of the European Society of Cardiology (ESC). European Society of Clinical Microbiology and Infectious Diseases (ESCMID) and the International Society (ISC) for Infection and Cancer[J]. Eur Heart J, 2009, 30(19): 2369–2413.

[33] Mulvagh SL, Rakowski H, Vannan MA, et al. American Society of Echocardiography Statement on the Clinical Applications of Ultrasonic Contrast Agents in Echocardiography, 2008, 21(11): 1179–1201; quiz 1281.

[34] Hoen B. Epidemiology and antibiotic treatment of infective endocarditis. Eur Heart J, 2006, 27(18): 1694–1700.

[35] Sliman R, Rehm S, Shlaes DM. Serious infections caused by Bacillus (Baltimore), 1987, 66(3): 218–223.

[36] Truninger K, Attenhofer Jost CH, Seifert B, et al. Long term f endocarditis: what characteristics identify patients who were treated s alone?[J]. Heart, 1999, 82(6): 714-720.

[37] Akowuah EF, Davies W, Oliver S, et al. Prosthetic valve endoca following medical or surgical treatment[J]. Heart, 2003, 89(3): 269-272

[38] Baddour LM, Bettmann MA, Bolger AF, et al. Nonvalvular cardiov [J]. Circulation, 2003, 108(16): 2015-2031.

[39] Wilson W, Taubert KA, Gewitz M, et al. Prevention of infective the American Heart Association: a guideline from the American Heart Ass Endocarditis, and Kawasaki Disease Committee, Council on Cardiovascular Council on Clinical Cardiology, Council on Cardiovascular Surgery and A Care and Outcomes Research Interdisciplinary Working Group[J]. Circulat

[40] Nishimura RA, Carabello BA, Faxon DP, et al. ACC/AHA 2008 guid disease: focused update on infective endocarditis: a report of the Amer Cardiology/American Heart Association Task Force on Practice Guidelines Cardiovascular Anesthesiologists, Society for Cardiovascular Angiograph of Thoracic Surgeons[J]. Circulation, 2008, 118(8) : 887-896.

## 综 述

### 封堵器植入后感染性心内膜炎的初步认识及诊治进展

杨呈伟, 李炯俏, 徐仲英, 赵世华, 吴文辉. .中华临床医师杂志: 电子版 2014;8(10):1910-1914.

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

### 急性缺血性卒中时间窗外溶栓治疗的现状

徐雅婧, 余丹. .中华临床医师杂志: 电子版 2014;8(10):1915-1919.

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

### 癫痫发病机制及治疗的研究进展

邱文娟, 胡小伟, 张正春. .中华临床医师杂志: 电子版 2014;8(10):1920-1924.

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

### 急性运动轴索性神经病的研究进展

张刚, 秦新月. .中华临床医师杂志: 电子版 2014;8(10):1925-1928.