

诺守健康 瓣行未来

■ 瓣膜成形环

MEMO 3D™

-实现真正的三维运动,可以在心动周期维持二尖瓣环的非平面鞍状形态。

临床数据证实,植入的MEMO 3D在心动周期中可适应二尖瓣环的马鞍状生理运动¹⁻⁴

MEMO 3D ReChord™

-通过创新的腱索置换引导系统,将人工腱索置换技术标准化。⁵⁻⁸



Reference :

- 1) Nishi et al, Annular dynamics of memo3D annuloplasty ring evaluated by 3D transesophageal echocardiography. General Thoracic and Cardiovascular Surgery, Received: 22 August 2017 / Accepted: 9 January 2018
- 2) Ryomoto et al, Physiological mitral annular dynamics preserved after ring annuloplasty in mid-term period. Gen Thorac Cardiovasc Surg (2017) 65:627–632
- 3) Fattouch et al, A Comparison of 2 Mitral Annuloplasty Rings for Severe Ischemic Mitral Regurgitation: Clinical and Echocardiographic Outcomes. Semin Thoracic Surg 28:261–268 | 2016
- 4) Santarpino et al, First-in-man implantation of a Sorin Memo 3D ring: Mitral annular flexibility is still preserved at 5 years of follow-up! International Journal of Cardiology 159 (2012) e23–e24
- 5) Bouchez et al, Comparison of the sustainability of mitral annular dynamics between two semi-rigid annuloplasty devices. European Journal of Cardio-Thoracic Surgery 0 (2019) 1–9
- 6) Glauber et al, Minimally invasive mitral valve repair using a semi-rigid annuloplasty ring with a new chordal sizing system: theMemo3D ReChord. Ann CardiothoracSurg 2015;4(3):298-300.
- 7) Wan et al, Mitral valve repair using a semirigid ring: patient selection and early outcomes. Asian Cardiovascular & Thoracic Annals 0(0) 1–6 The Author(s) 2016.
- 8) Prinzing et al, Initial Experience With a New Mitral Ring Designed to Simplify Length Determination of Neochords. (Ann ThoracSurg 2018;105:1784–9).

适应症:

Memo 3D 拟用于修复二尖瓣功能不全。对于患者是否需要二尖瓣修复成形术,须由医师检查患者病变并比较不同治疗方式的短期和长期风险和利益后作出决定。

禁忌症:

总体而言,如果通过其它治疗方法可以达到良好的效果,则不应进行瓣膜修复成形手术。在下列情况下,不应使用成形环:严重的组织病变,伴有腱索的回缩;先天性畸形,且瓣膜组织少;瓣膜瓣叶大面积钙化;进展期细菌性心内膜炎。

潜在不良事件:

使用机械的人造成形环时,有出现潜在并发症的可能,包括:死亡、再次手术和器械取出、残留瓣膜返流或瓣膜返流复发、狭窄;血栓栓塞;溶血、房室阻滞、心内膜炎、心输出量降低、右心衰、感染等。

仅供专业人士使用。更多信息请查阅相关产品说明书

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