

# Artificial chordae in mitral valve surgery

**R.G. Landes Co. - Mitral valve repair and mitral valve replacement**

Description: -

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Drug Therapy -- adverse effects -- prevention & control.

Phytotherapy -- China.

Drugs, Chinese Herbal.

Medicine, Traditional -- China.

Radiation -- adverse effects.

Medicine, Herbal.

Medicine, Chinese Traditional.

Drug Therapy -- adverse effects.

Chordae Tendineae -- surgery.

Heart Valve Prosthesis.

Mitral Valve -- surgery.

Chordae tendineae -- Surgery.

Heart valve prosthesis.

Mitral valve -- Surgery. Artificial chordae in mitral valve surgery

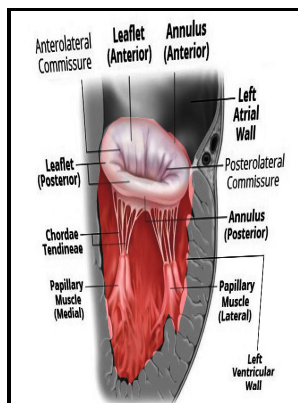
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Medical intelligence unit (Unnumbered)

Medical intelligence unit Artificial chordae in mitral valve surgery

Notes: Includes bibliographical references and index.

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#valve #reconstruction #in #children

## Artificial chordae for pediatric mitral and tricuspid valve repair

Matsui Y, Fukada Y, Naito Y, Sasaki S, Yasuda K: A new device for ensuring the correct length of artificial chordae in mitral valvuloplasty.

Methods: Between February 2001 and January 2006, artificial chords were used in 21 children with severe mitral or tricuspid valve regurgitation.

### Artificial chordae

Median age was 84 1-194 months. Valve restriction caused by artificial chordae was not found.

## Artificial chordae for pediatric mitral and tricuspid valve repair

Doi measured the length of the chordae of the posterior leaflet, opposing the prolapsing portion of the anterior leaflet by TEE.

### Mitral Valve Heart Surgery

However, a number of technical challenges remain, and there is an associated learning curve with this technique.

## Mitral valve repair and mitral valve replacement

No second run on CPB or conversion to valve replacement was necessary in any of the patients. In the last decades, several methods for mitral valve repair have been developed, to make the surgical feasibility easier, improve the long-term follow-up thus avoiding the need for reoperations. If you need heart surgery for another condition in addition to mitral valve disease, doctors may conduct surgery to treat both conditions at the same time.

### Artificial chordae

The mean observation period was  $28 \pm 18$  months.

## **Preoperative determination of artificial chordae tendineae length by transoesophageal echocardiography in totally endoscopic mitral valve repair**

Expanded polytetrafluoroethylene sutures have been used for replacement of chordae tendineae since 1985. In our experience, annuloplasty is mandatory in order correct the annular dilation and to support the repair. Failures of repair were unrelated to the artificial chordae.

### **Artificial Chordae for Mitral Valve Reconstruction in Children**

Your doctor may instruct you to incorporate healthy lifestyle changes — such as physical activity, a healthy diet, stress management and avoiding tobacco use — into your life. Table 4 Postoperative and follow-up outcomes Follow-up results within a mean of 19. This requires special expertise, but the advantages for the patient are significant, including improved life expectancy, avoidance of long-term anticoagulation, and better preservation of native heart function.

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