

TRANSPOSITION DES GROS VAISSEAUX

Dr Régis GAUDIN
DU REANIAMTION DES CARDIOPATHIES CONGÉNITALES - PARIS



Introduction

- réparation à l'étage atrial
 - Senning / Mustard
 - indications
 - . TGV simple avec VG « dépréparé »
 - . vs cerclage préparatoire + switch
- réparation à l'étage artériel : switch
 - TGV simple : période néonatale
 - ± CIV
 - ± coarctation

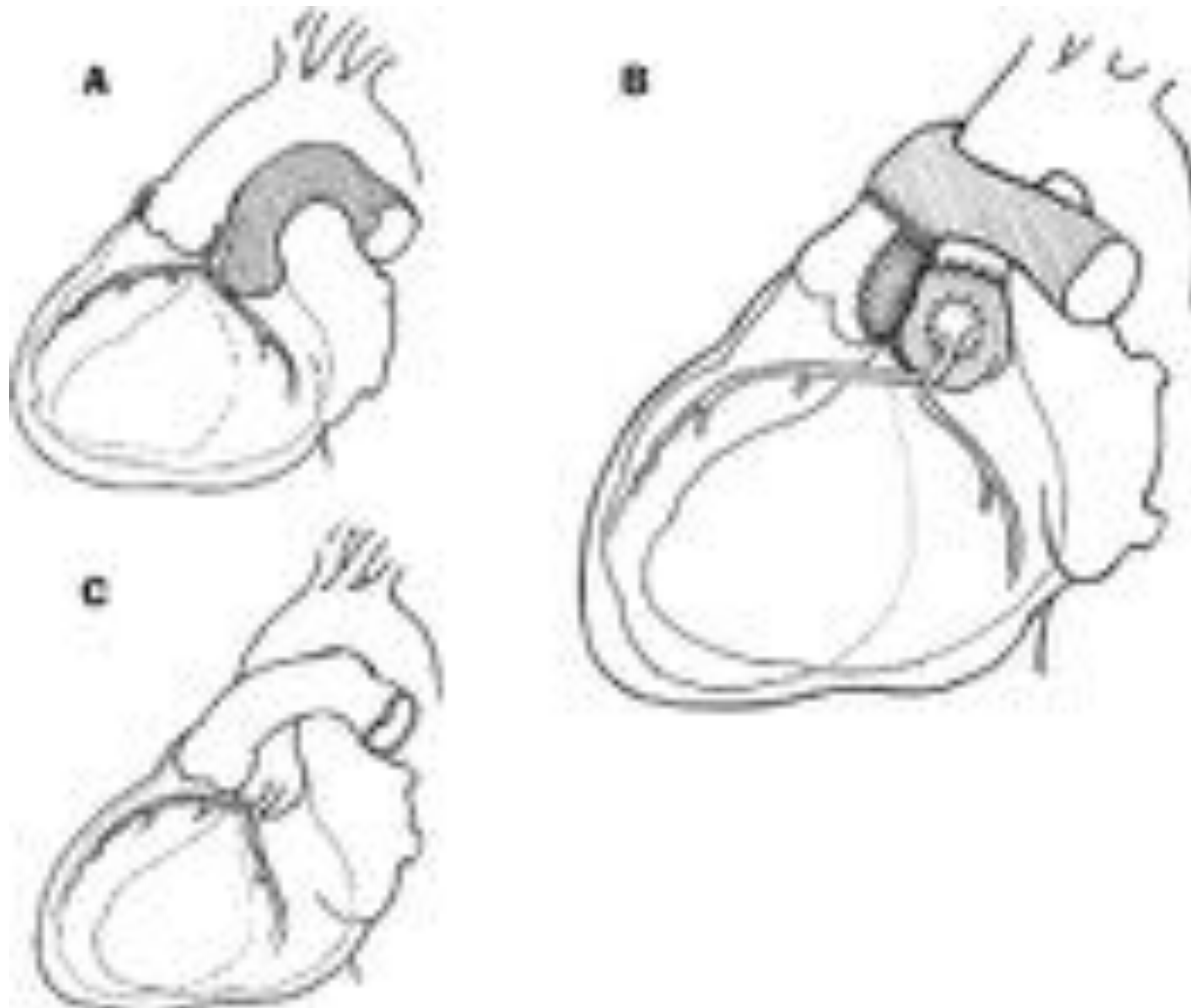
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Chirurgie en un temps



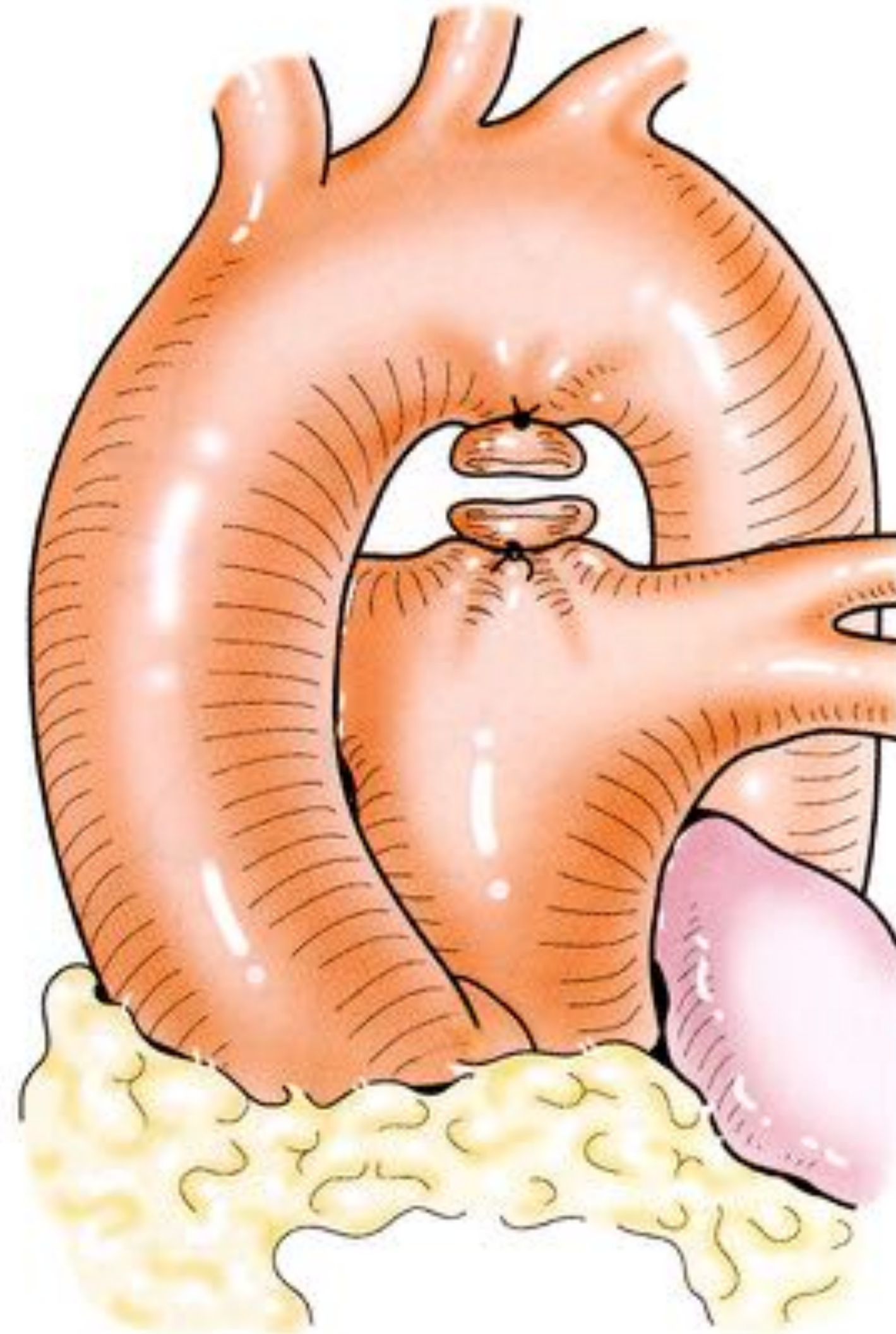
Introduction



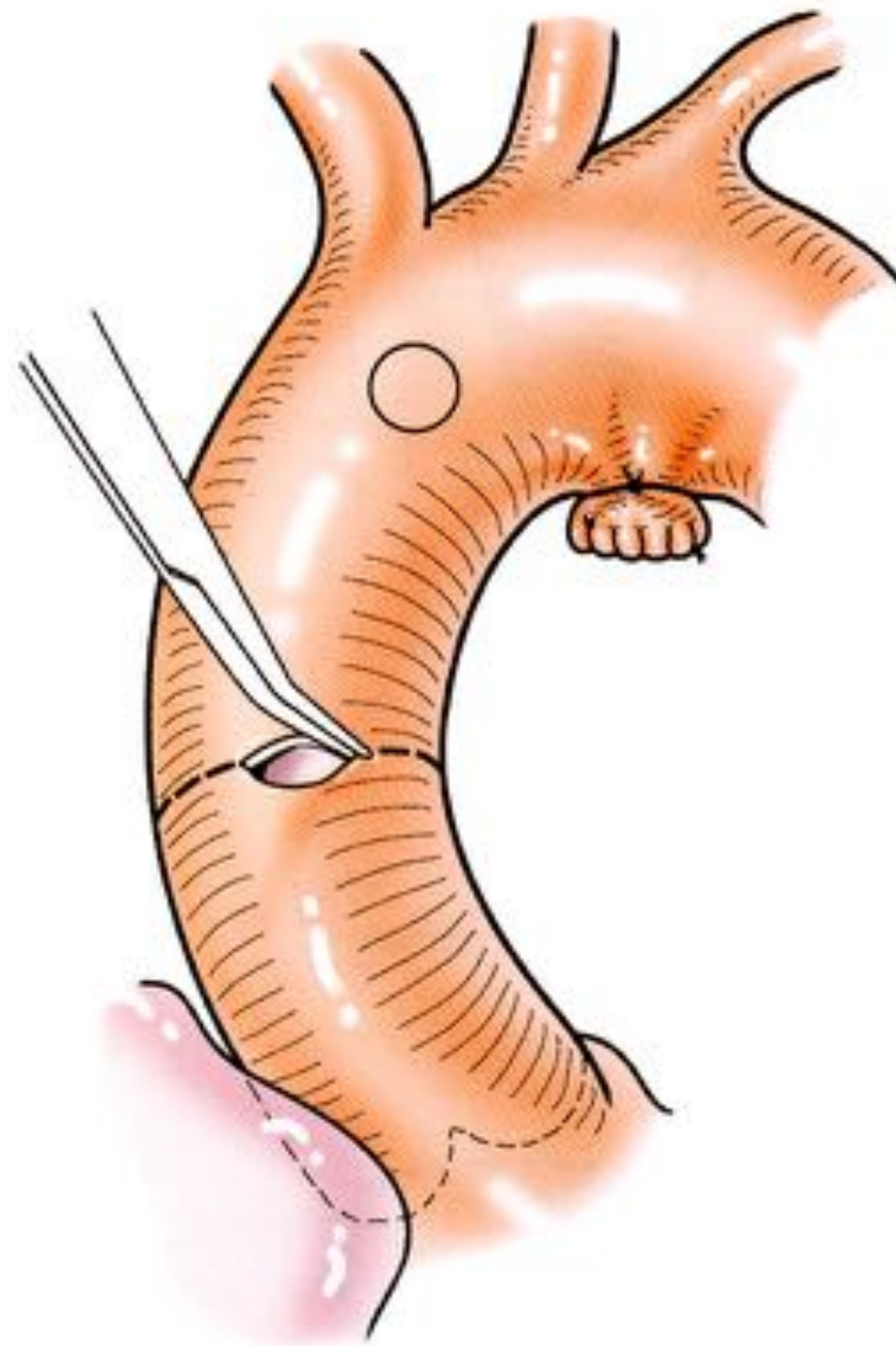
Anatomie coronaire

- « normale » : 60%
- boucle antérieure et/ou postérieure : 35%
- entre gros vaisseaux (intramurale) : 5%

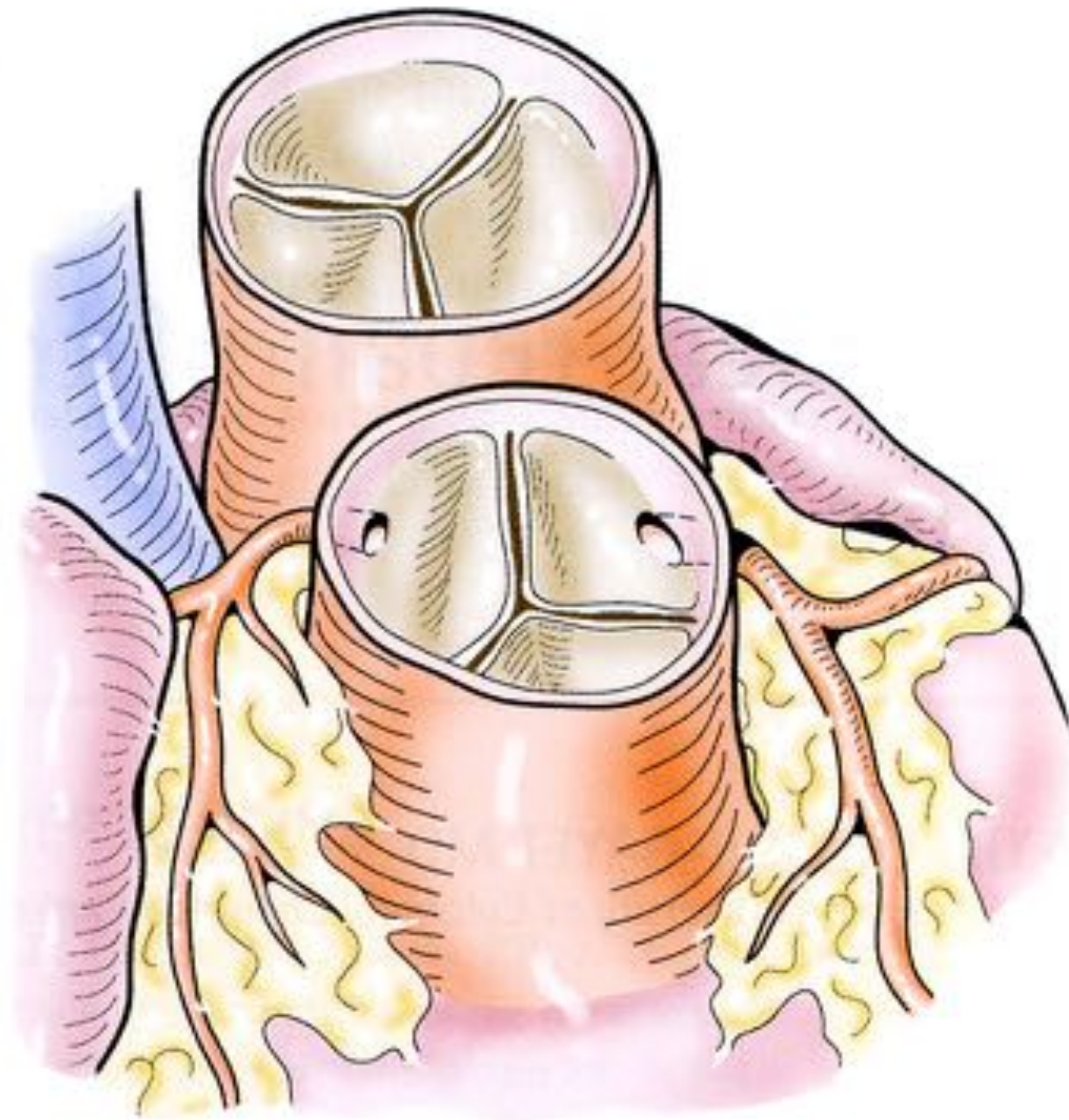
Ligature du canal artériel



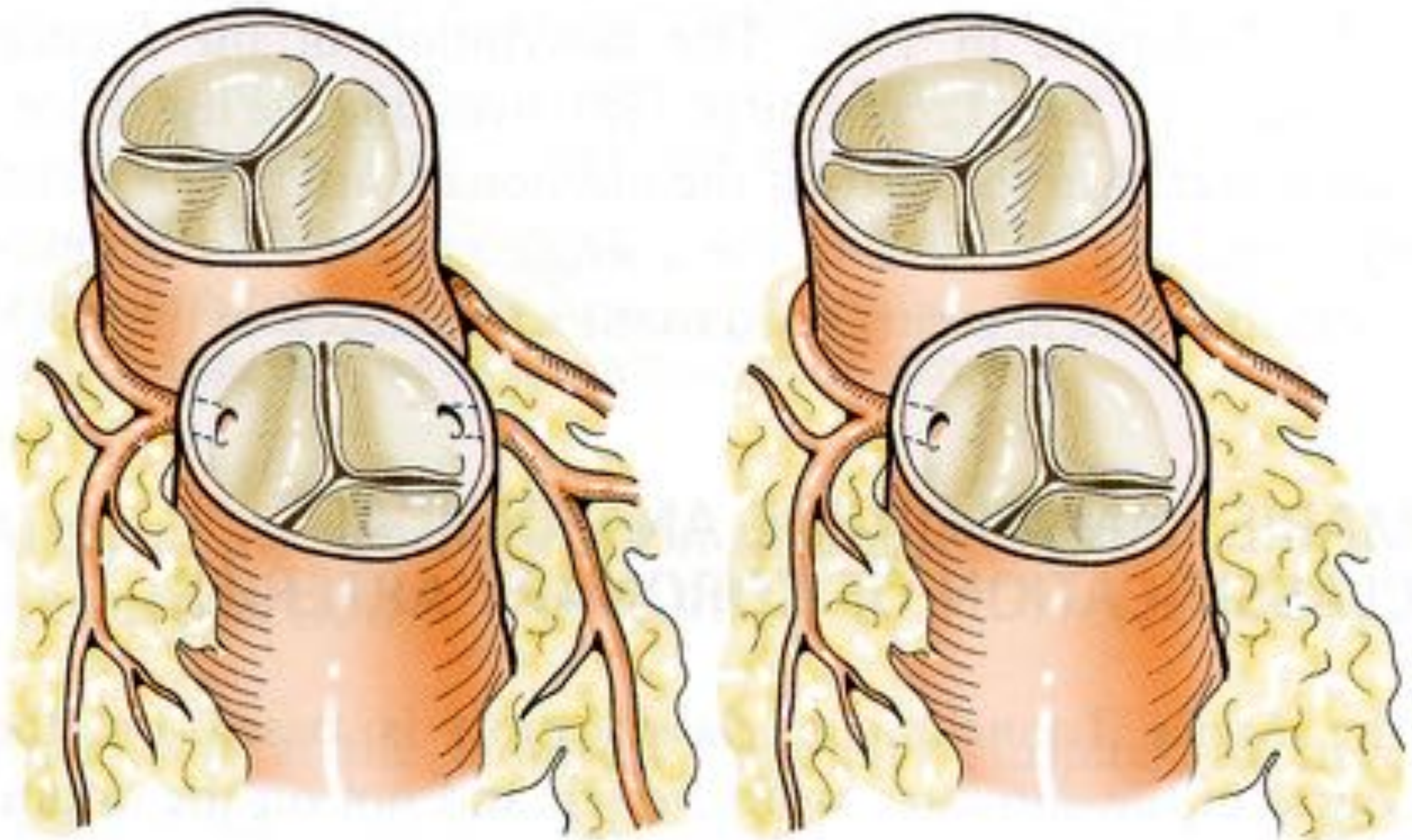
Section de l'aorte



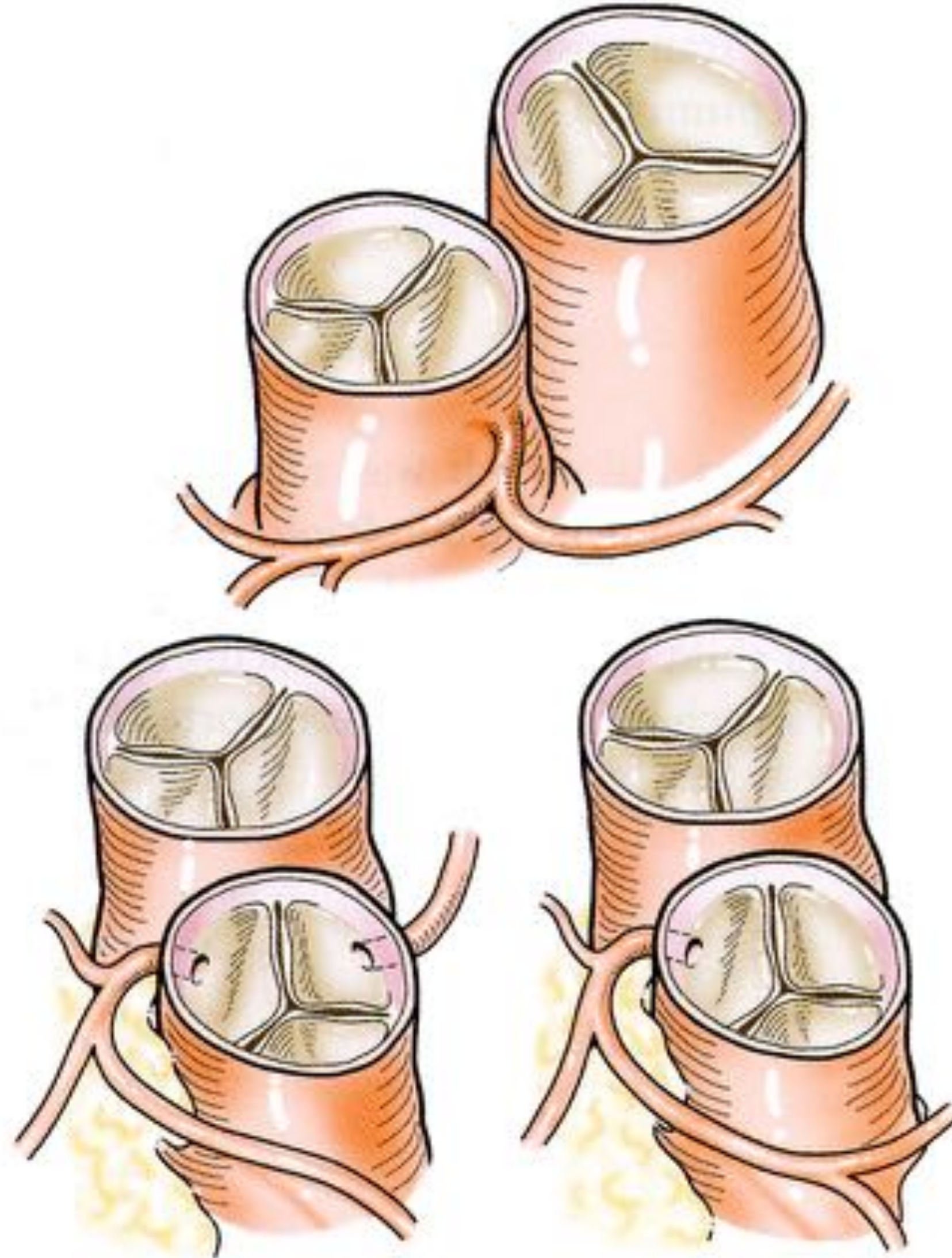
Anatomie des coronaires



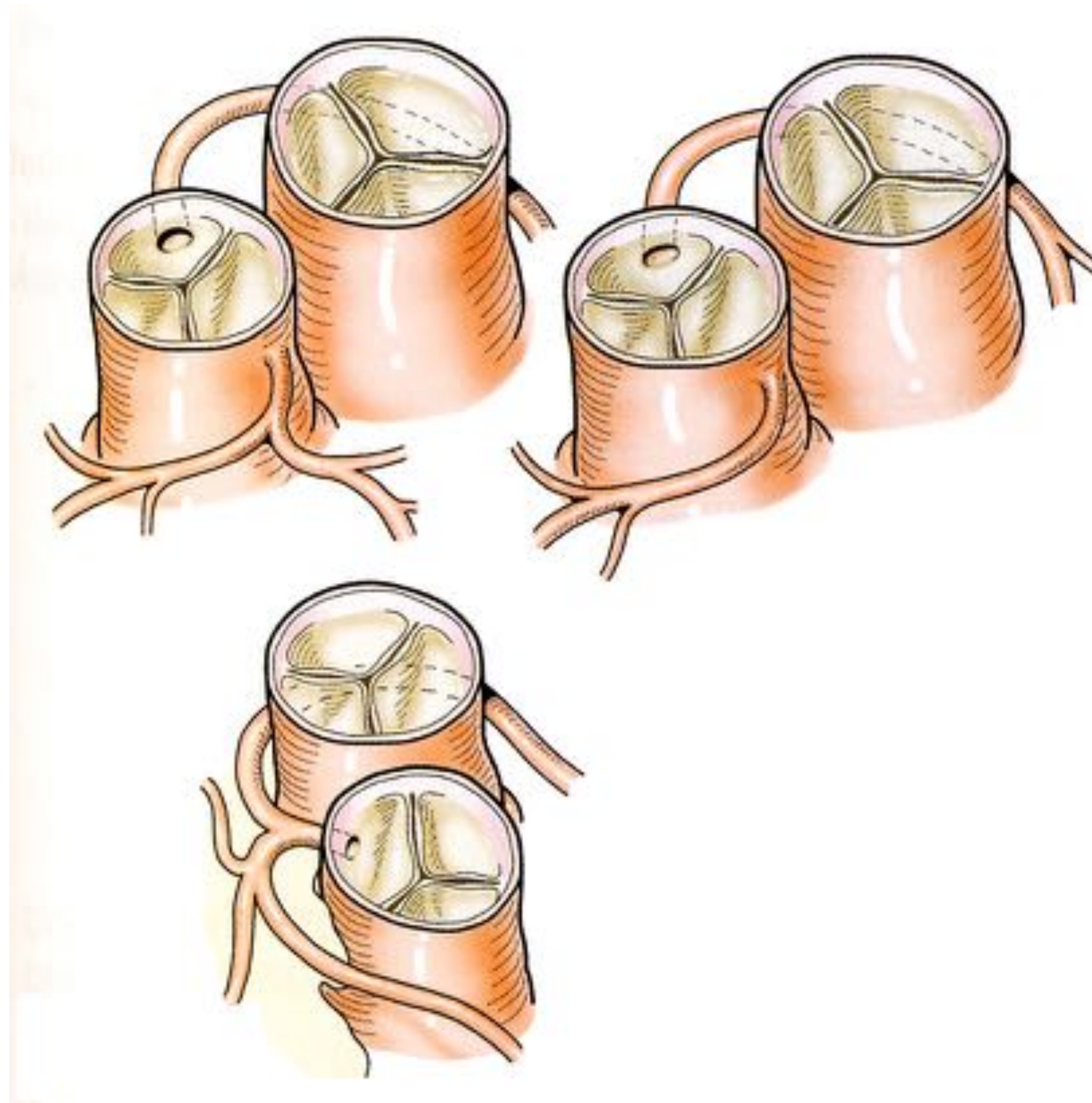
Anatomie des coronaires



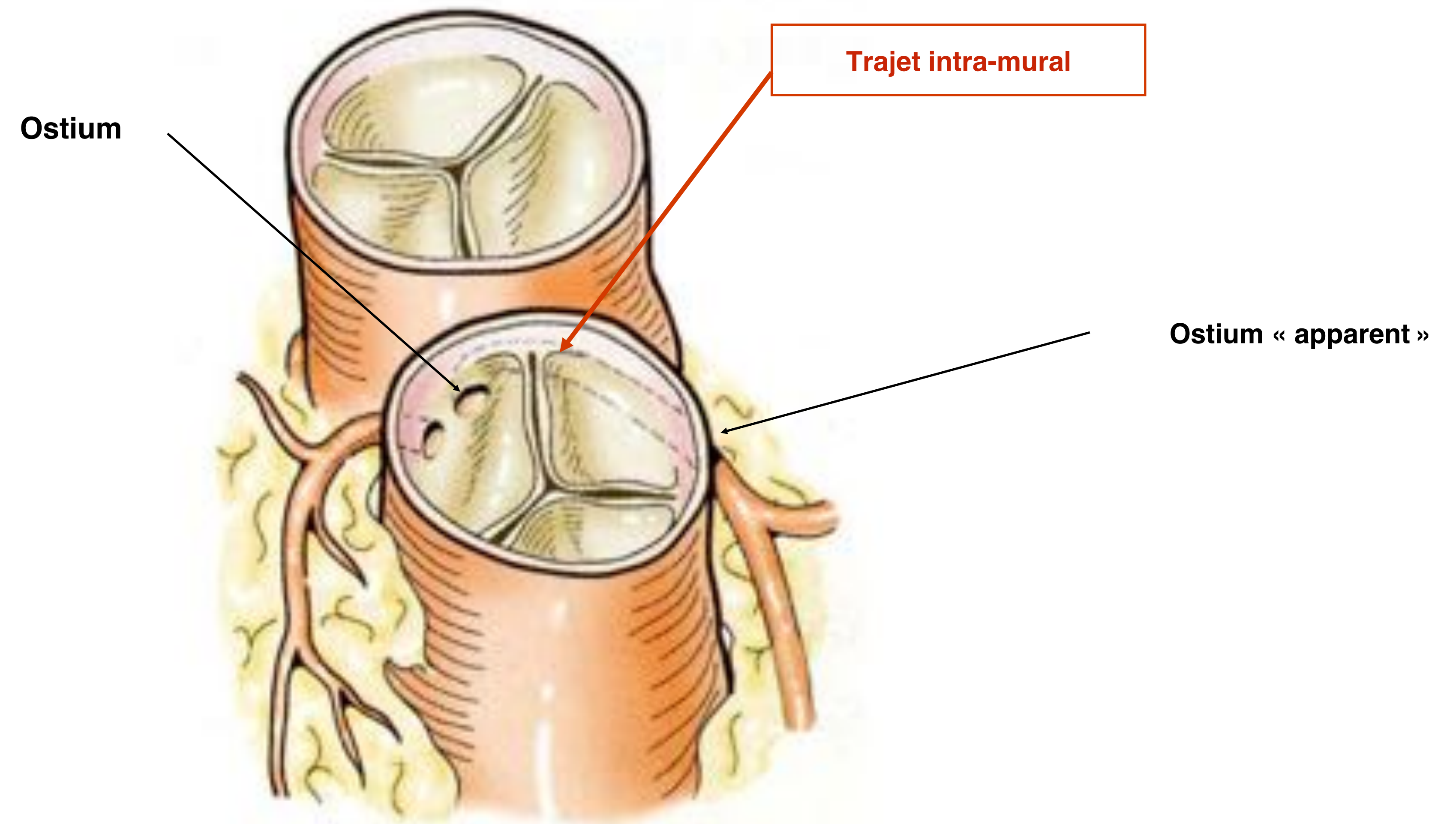
Anatomie des coronaires



Anatomie des coronaires



Coronaire intra-murale



Coronaire intra-murale

Intramural coronary arteries and outcome of neonatal arterial switch operation[☆]

Olivier Metton^a, Davide Calvaruso^a, Régis Gaudin^a, Shafi Mussa^a,
Olivier Raisky^a, Damien Bonnet^b, Daniel Sidi^b, Pascal R. Vouhé^{a,*}

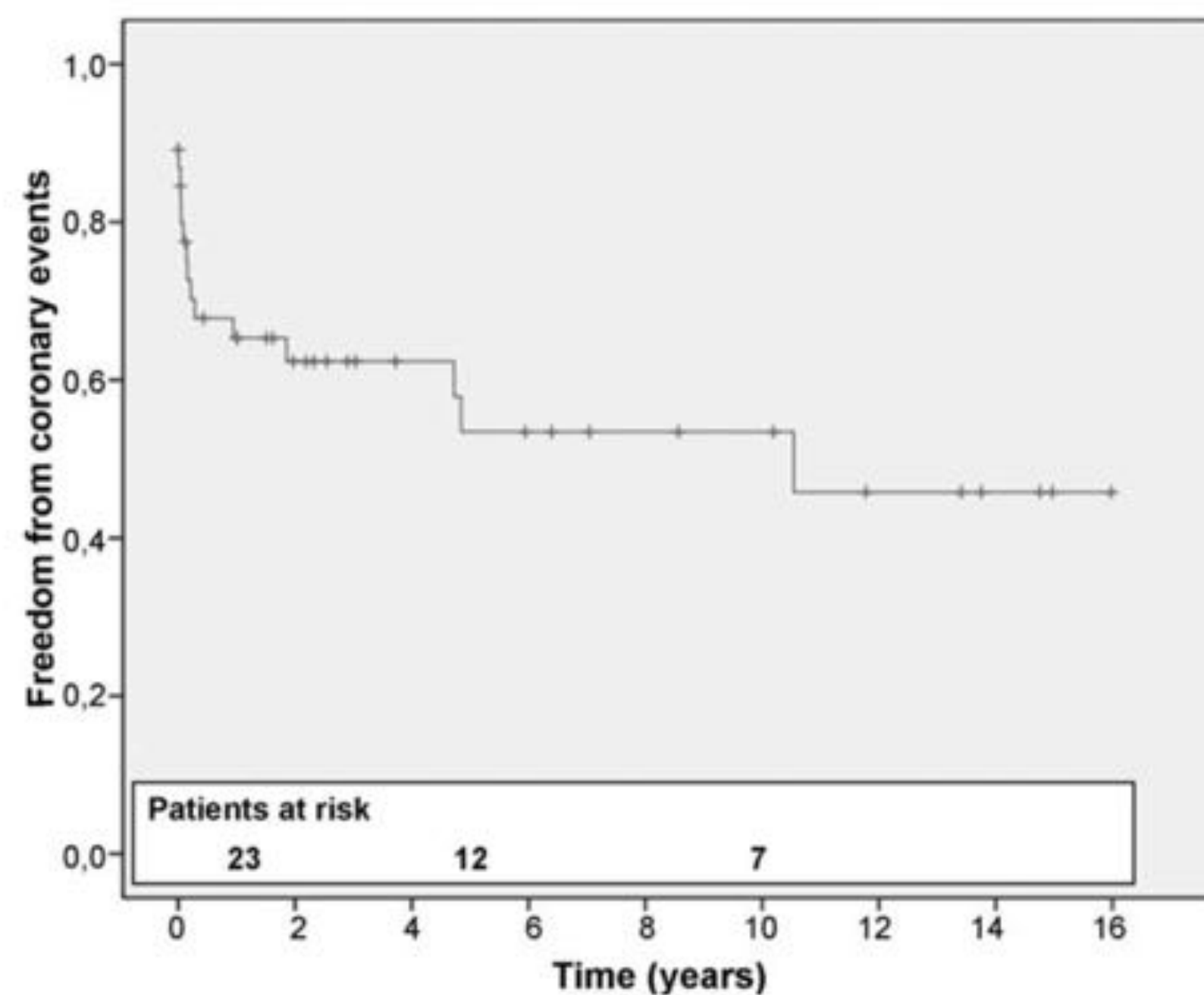
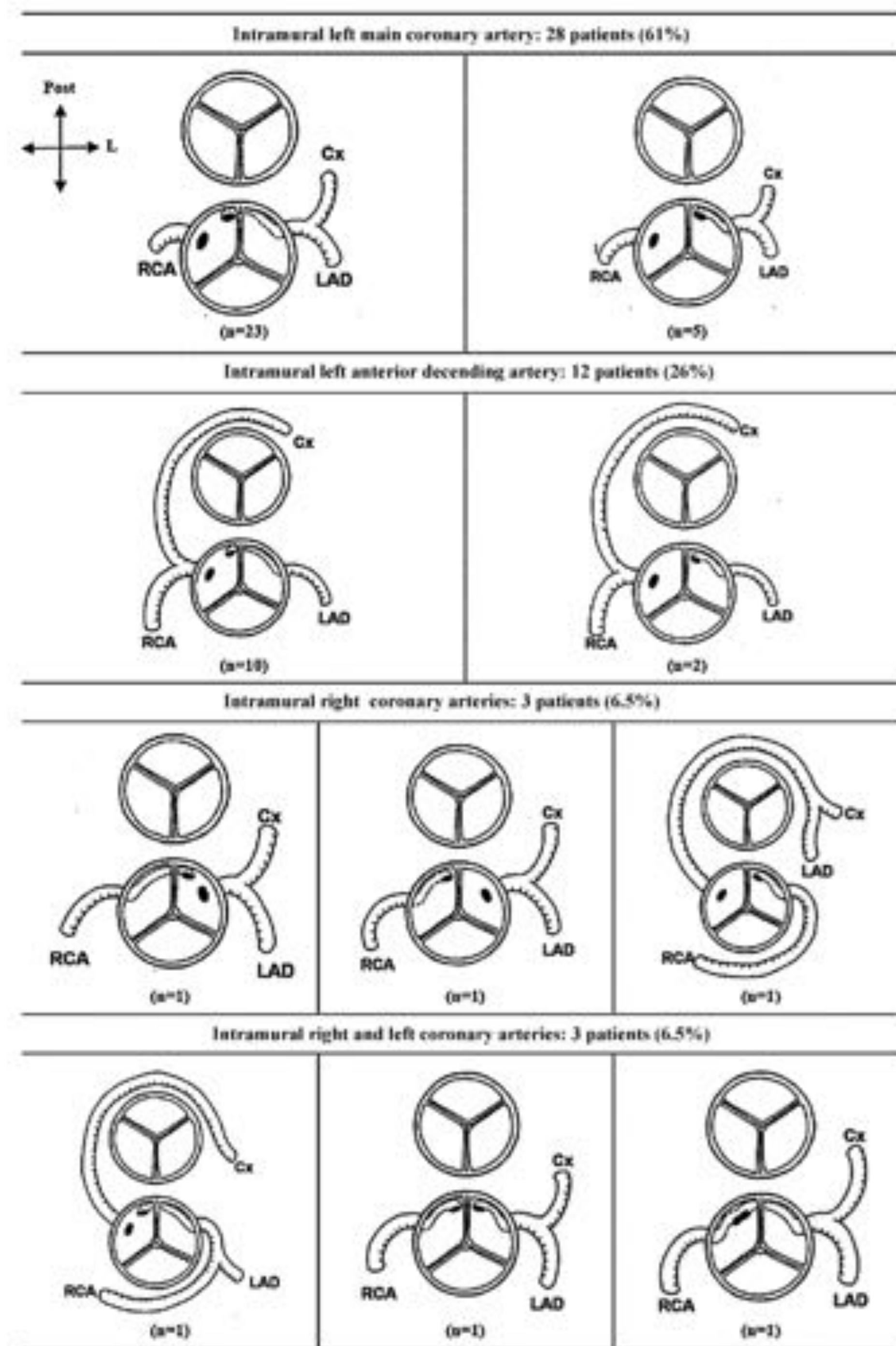
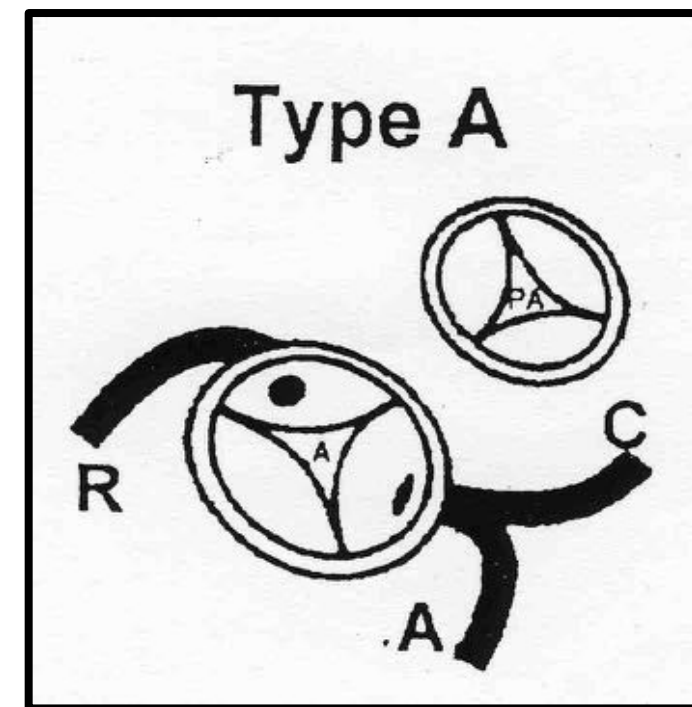


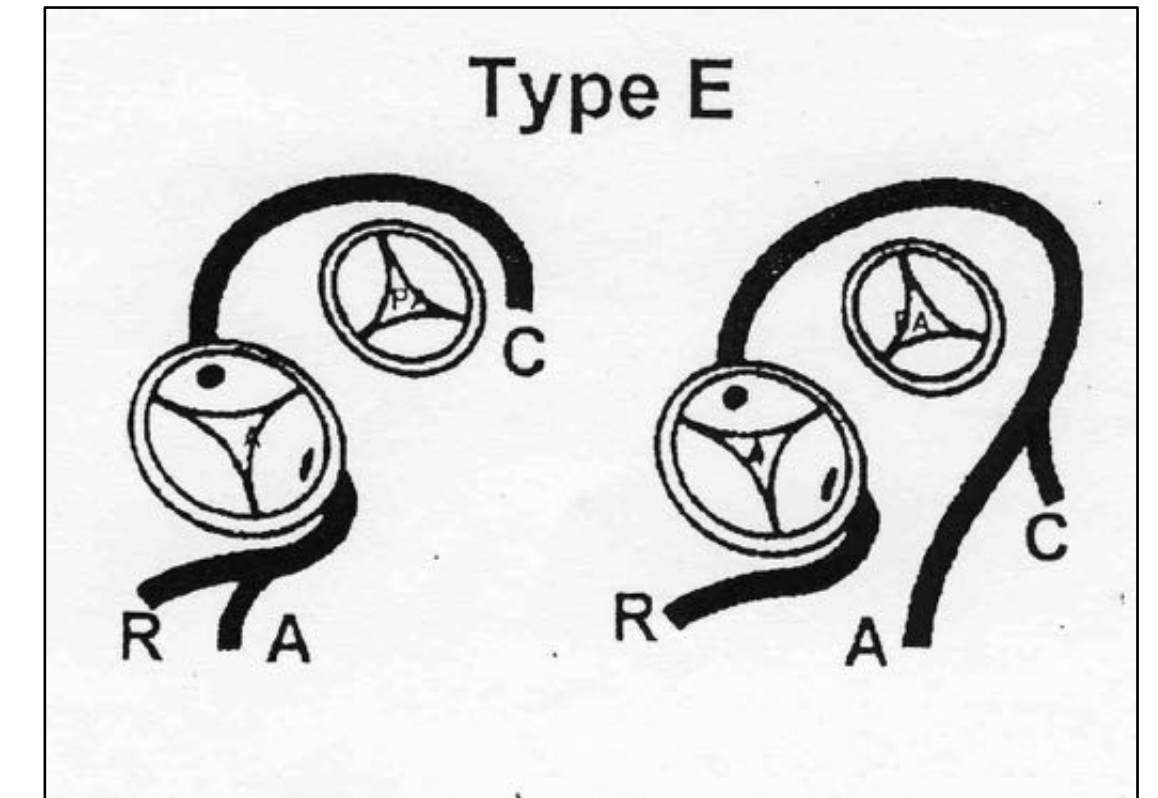
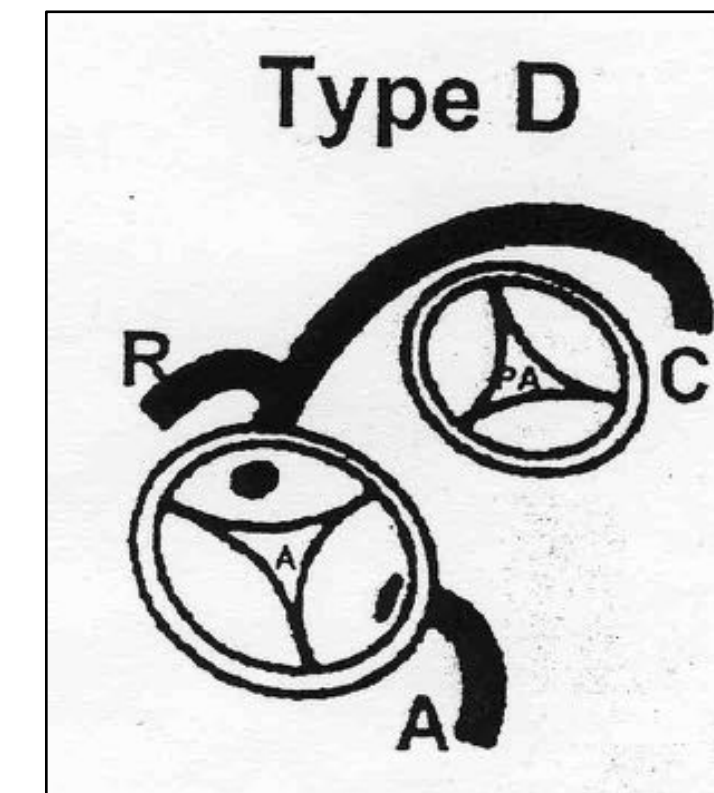
Fig. 4. Actuarial freedom from coronary events.



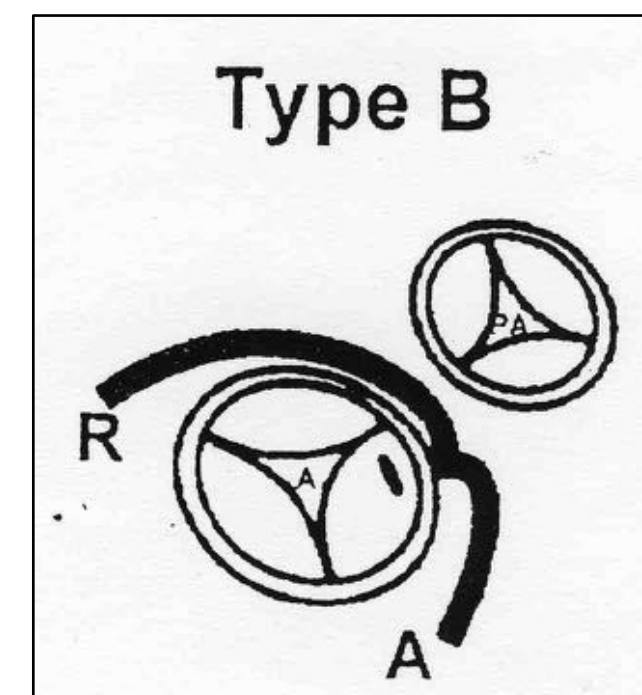
Anatomie des coronaires



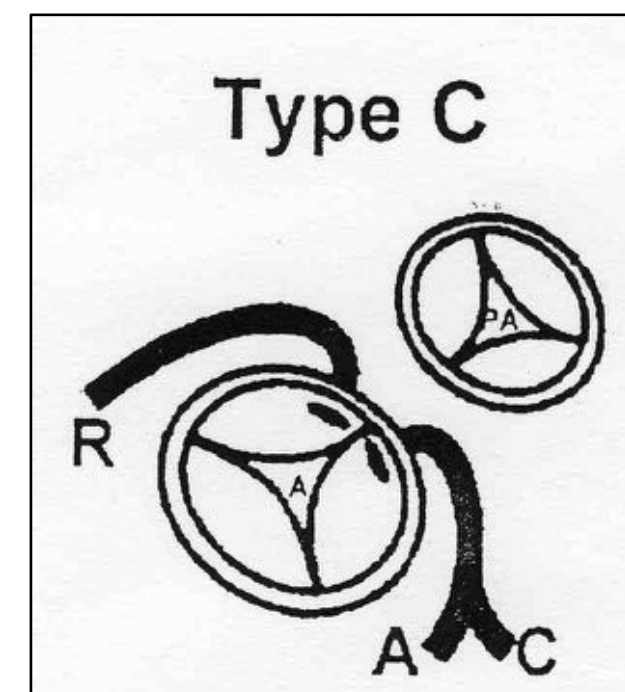
« Normal »



« Boucles »



« Coronaire unique »



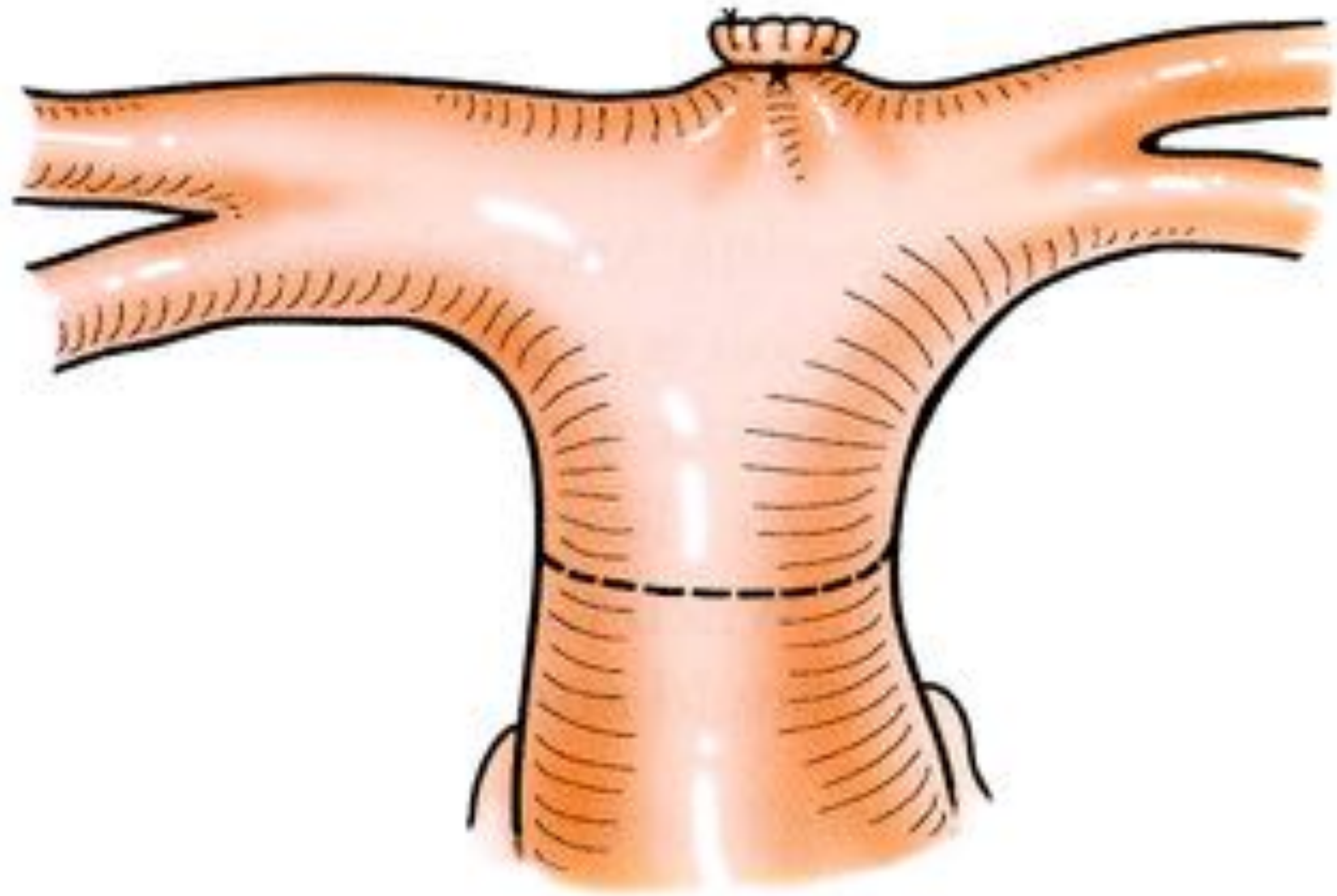
« Coronaire intra-murale »

Anatomie des coronaires

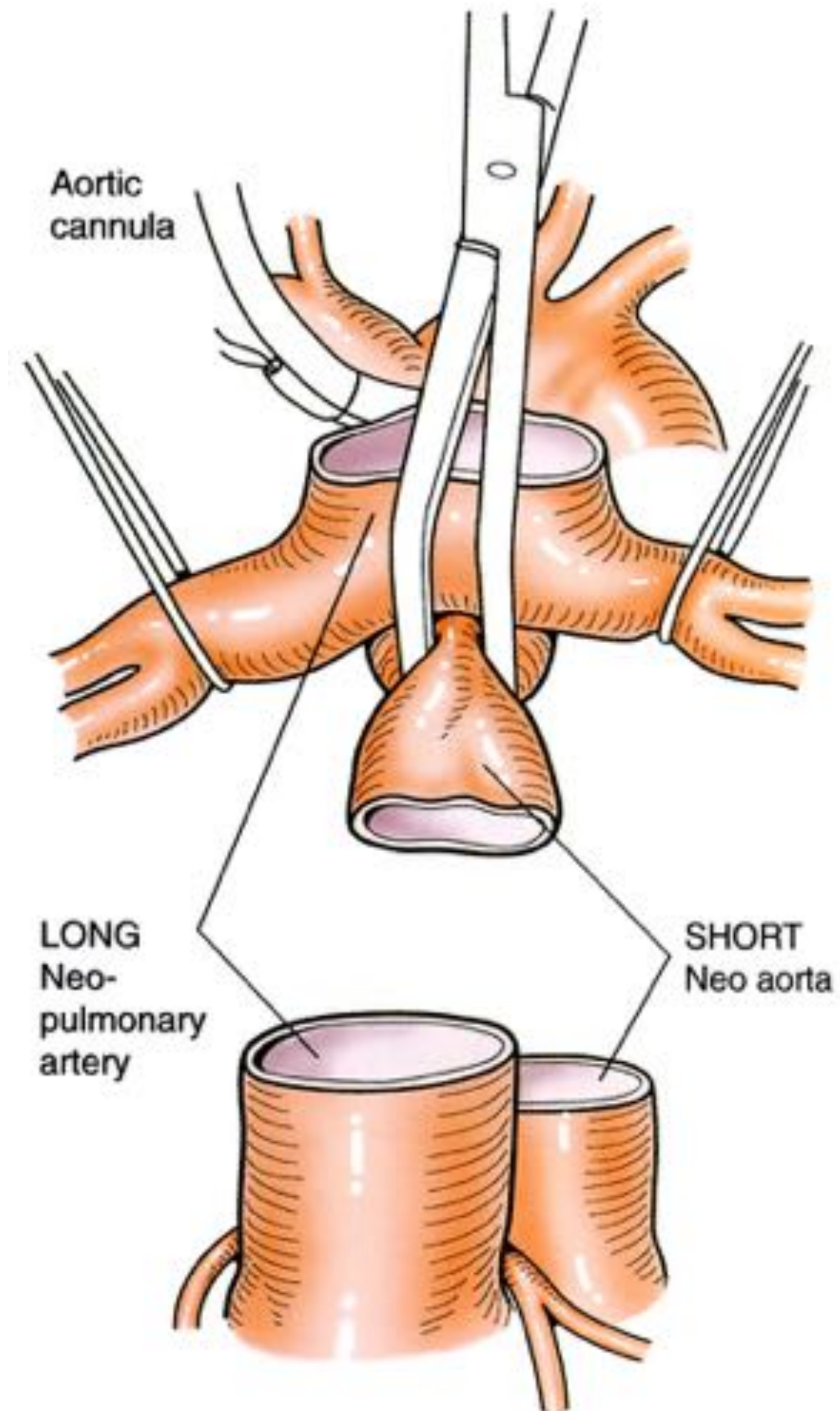
Facteurs influençant la réimplantation

- Discongruence aorto-pulmonaire
- Malalignement des commissures
- Position non Ant / Post des gros vaisseaux

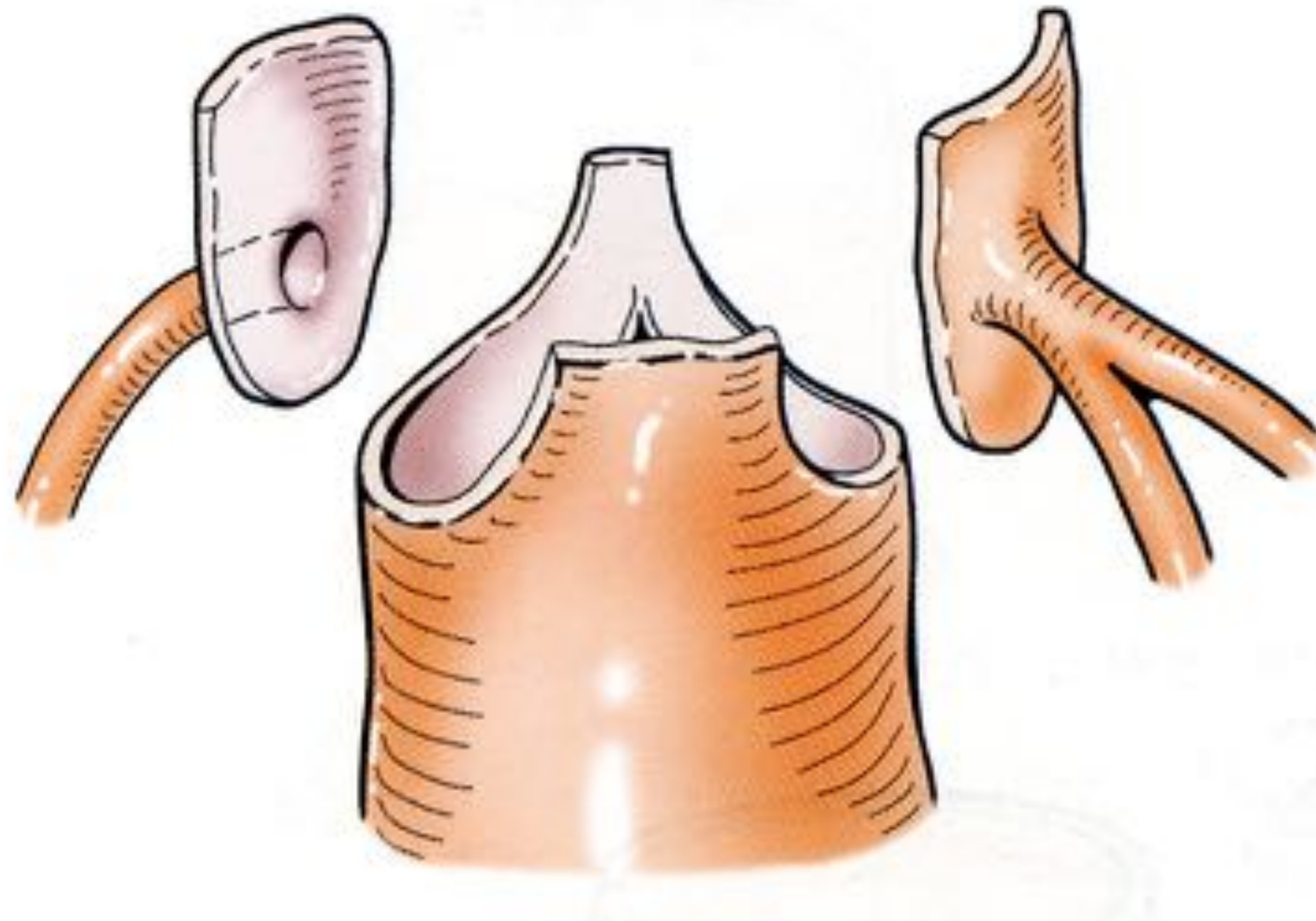
Section de l'AP



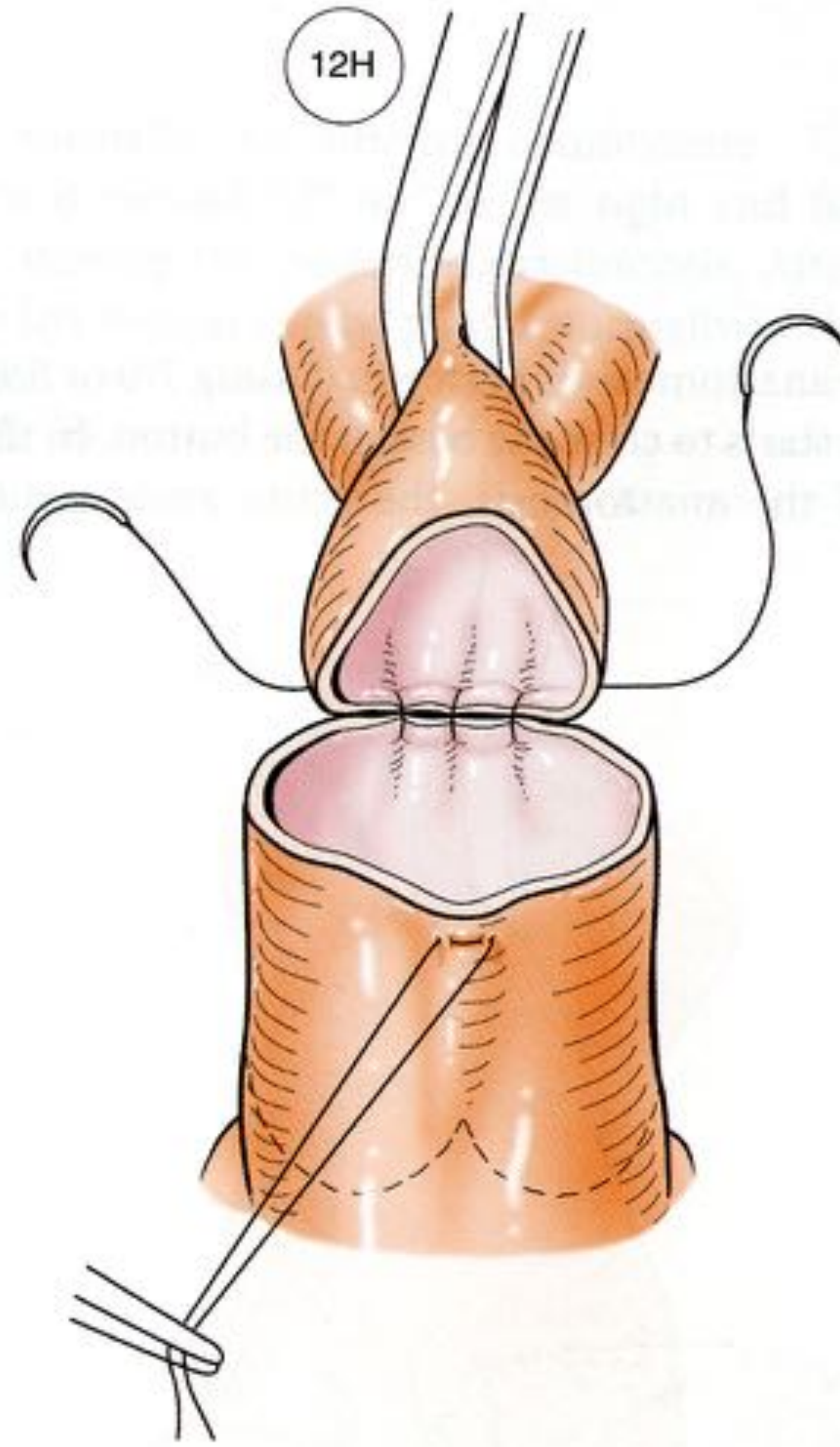
Manoeuvre de Lecompte



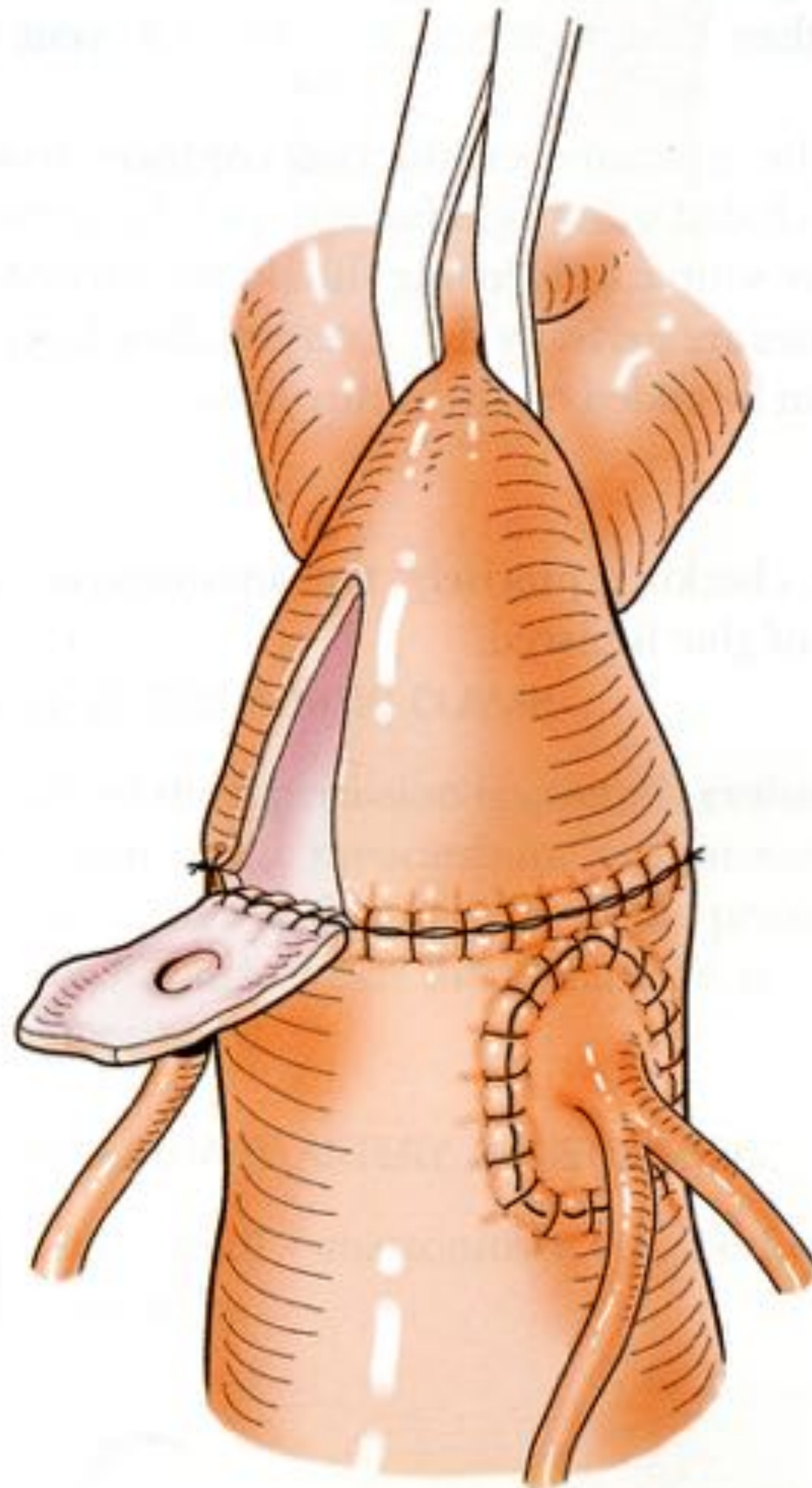
Prélèvement des coronaires



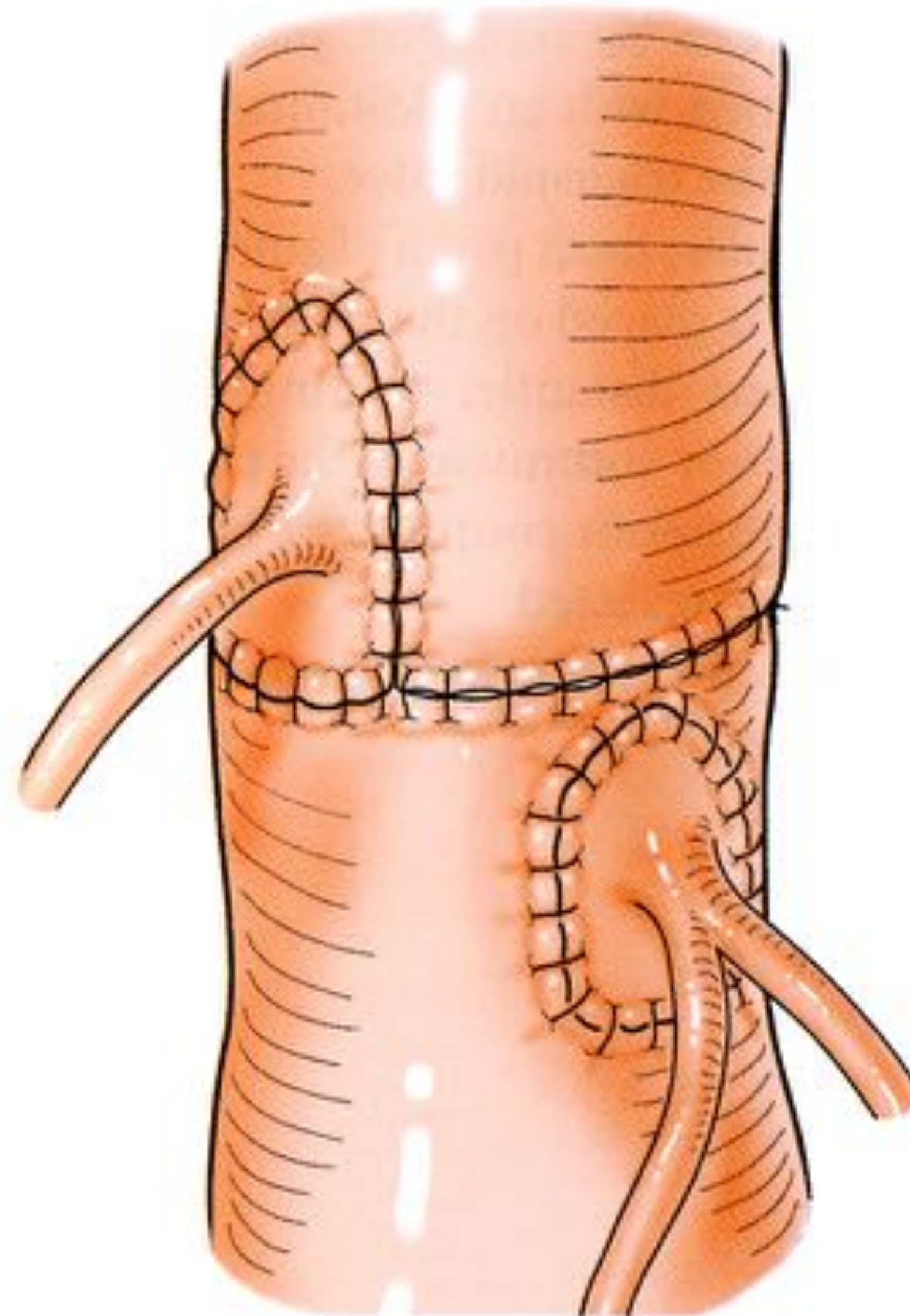
Reconstruction aorte



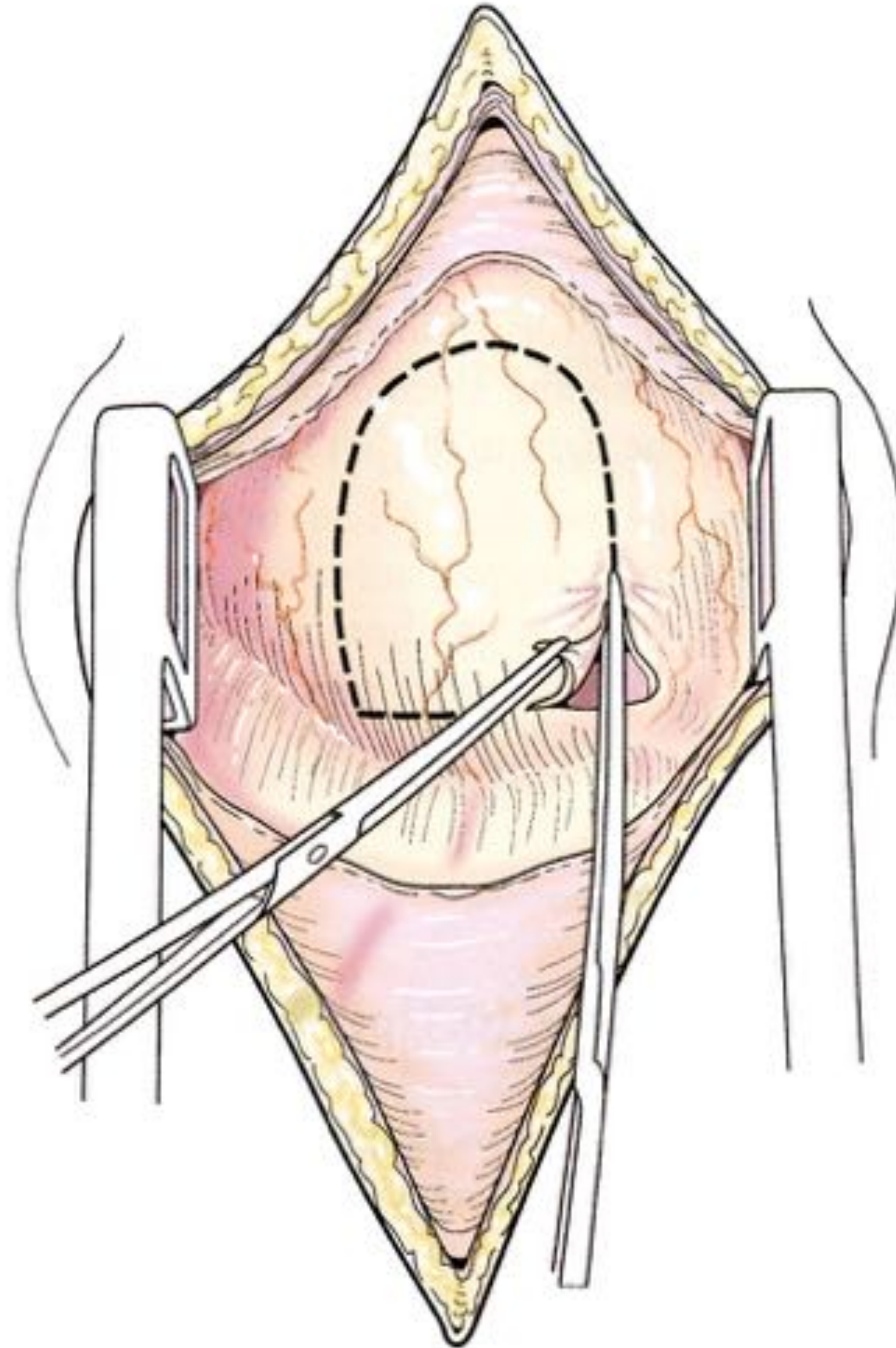
Réimplantation coronaires



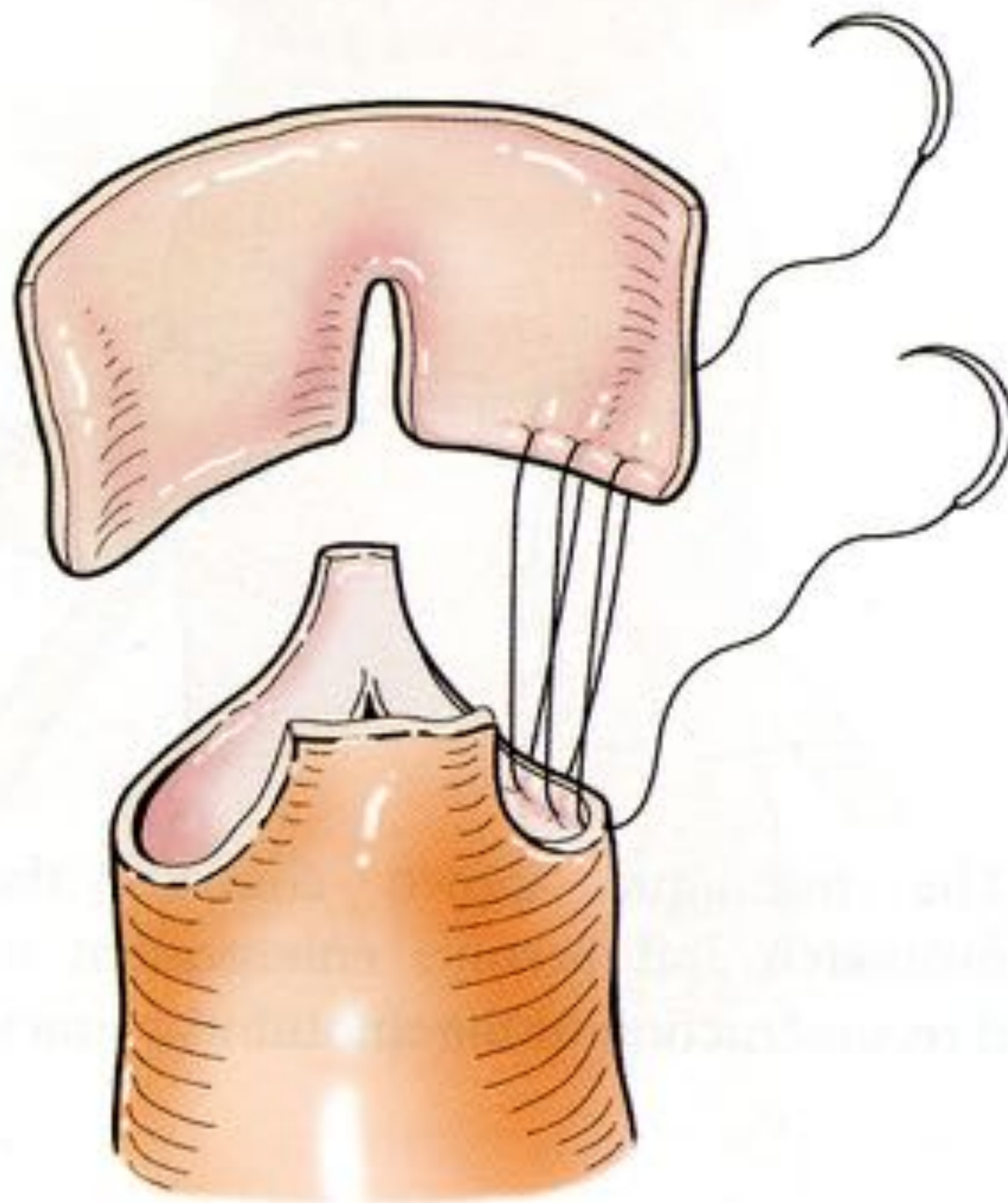
Réimplantation coronaires



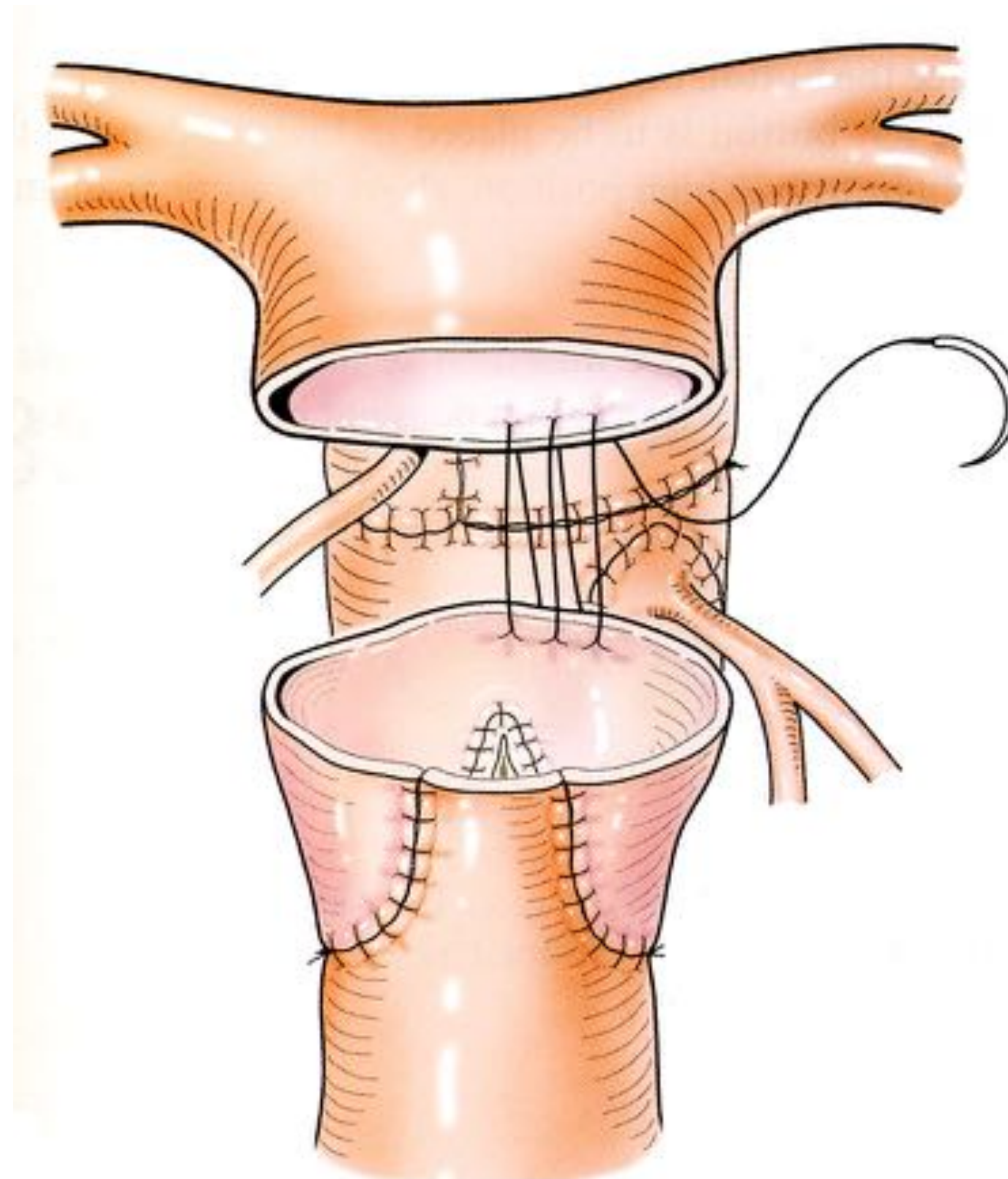
Prélèvement péricarde frais



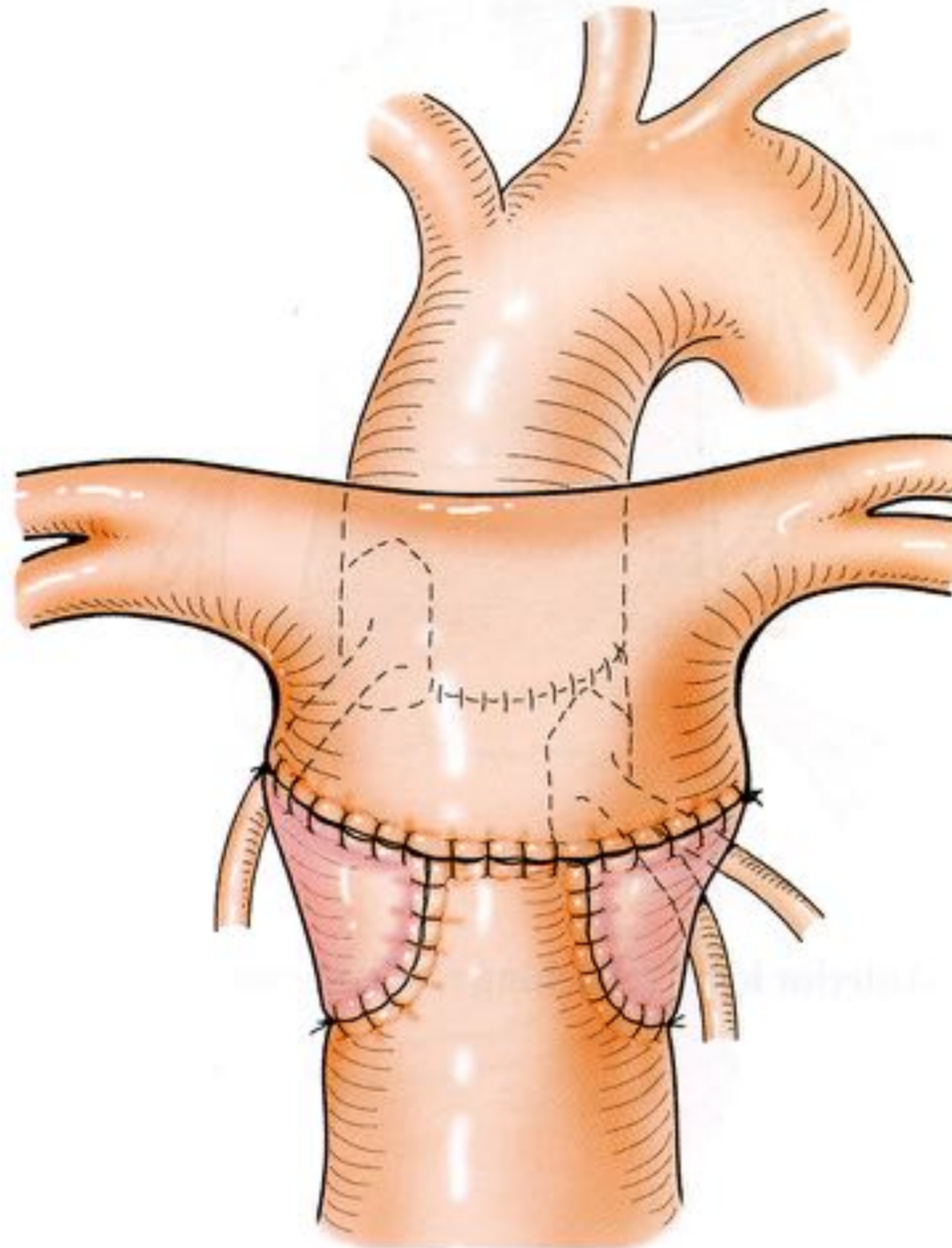
Reconstruction culot pulmonaire



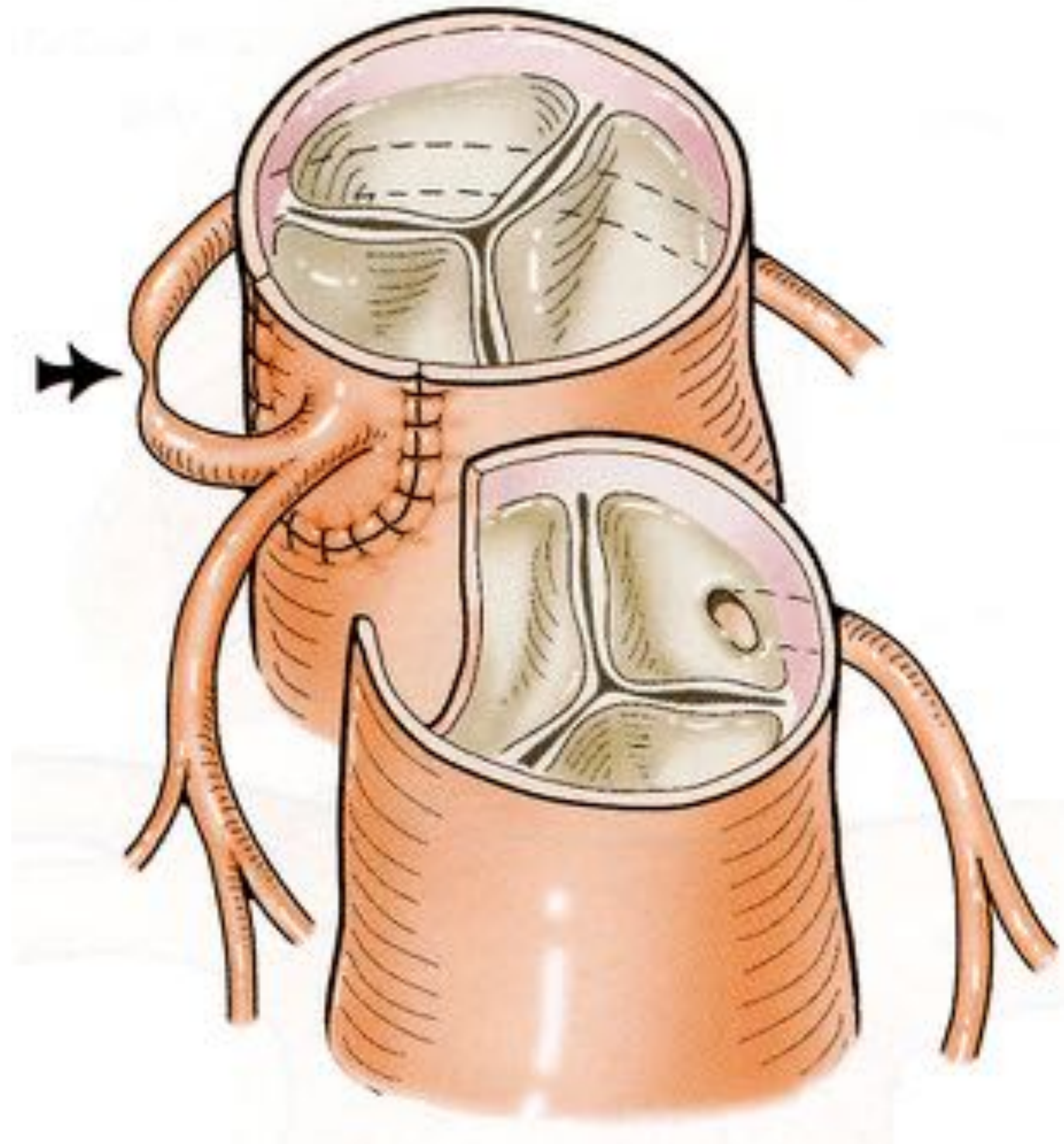
Reconstruction voie pulmonaire



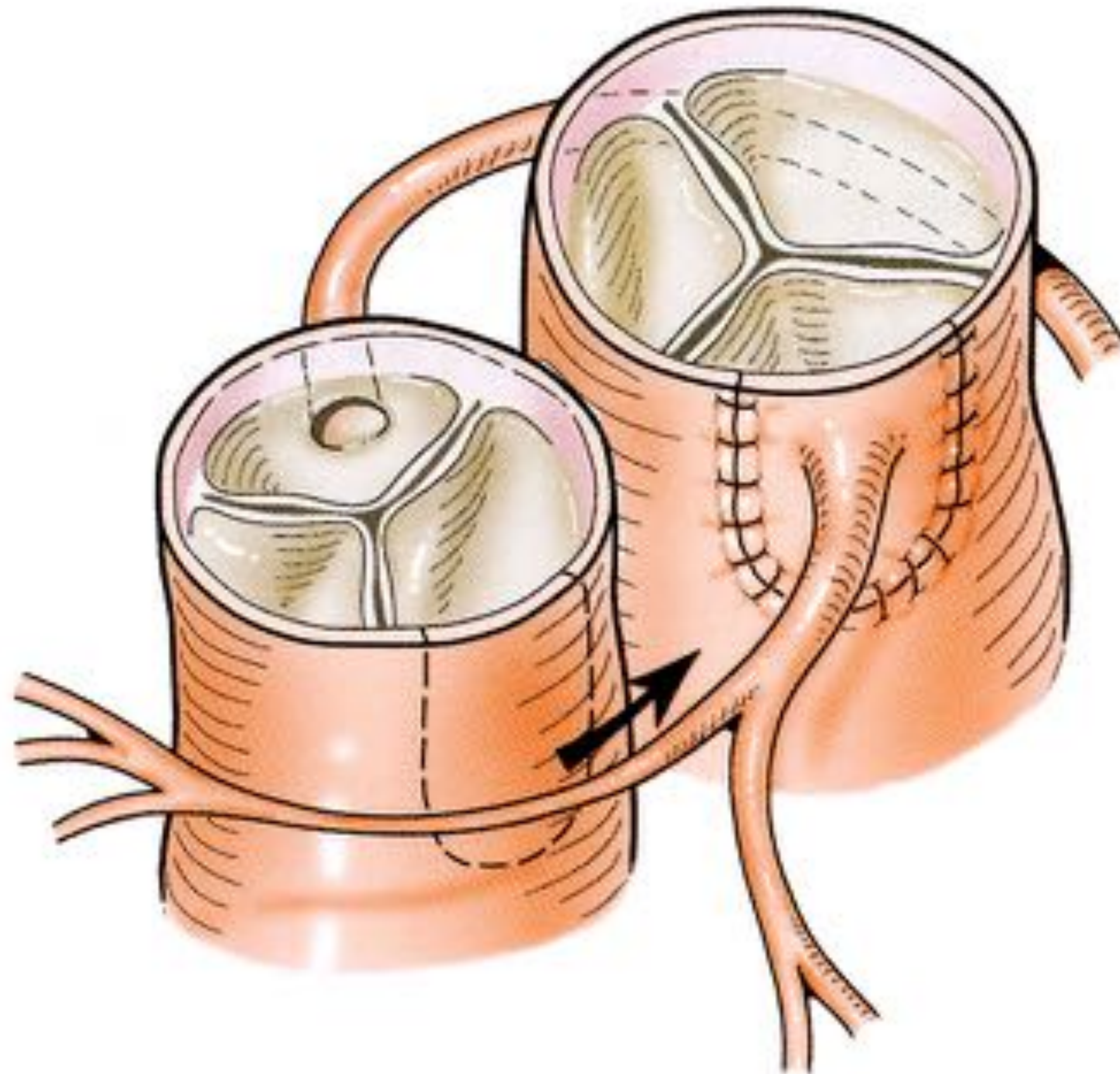
Reconstruction voie pulmonaire



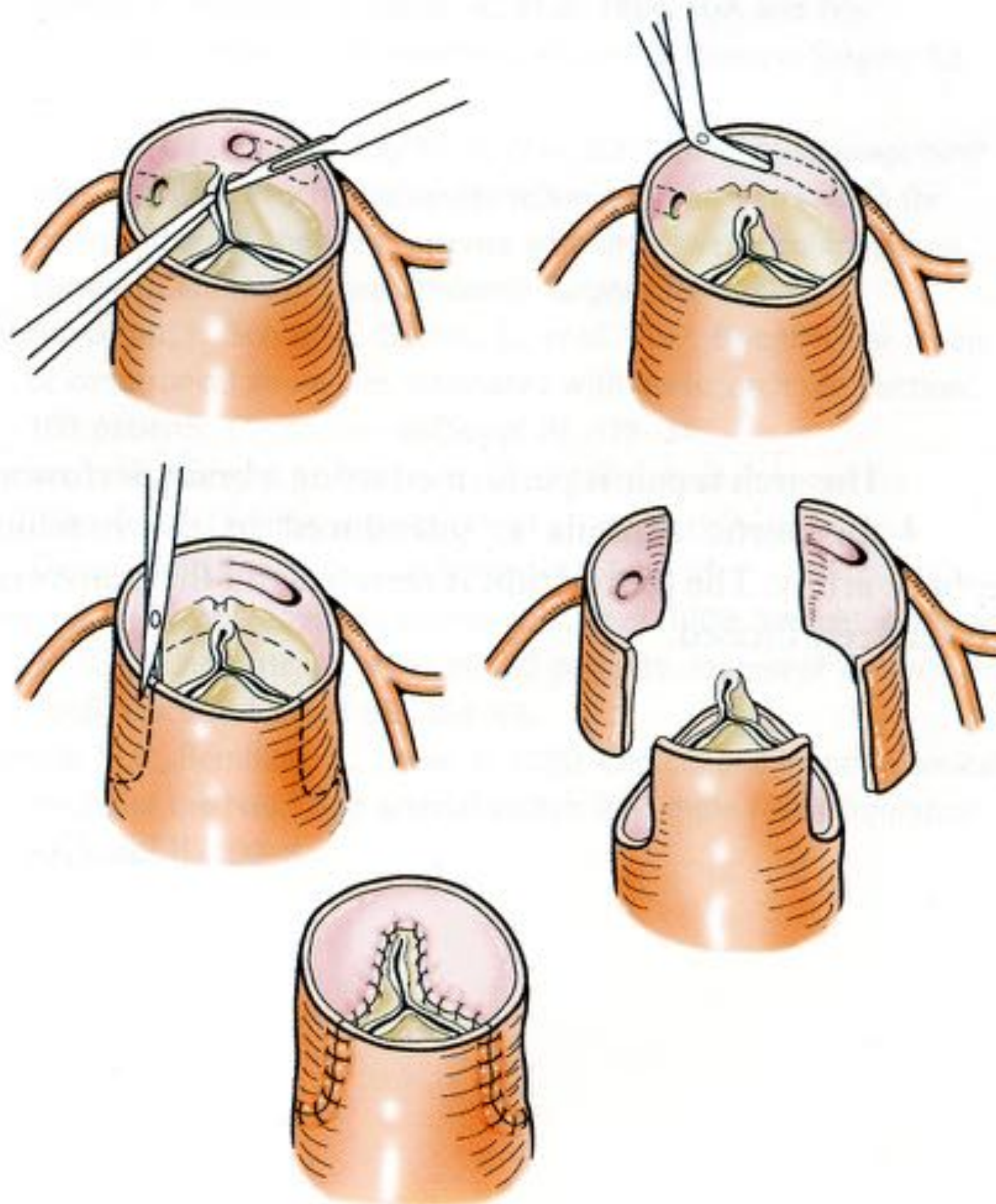
Coronaires - complications

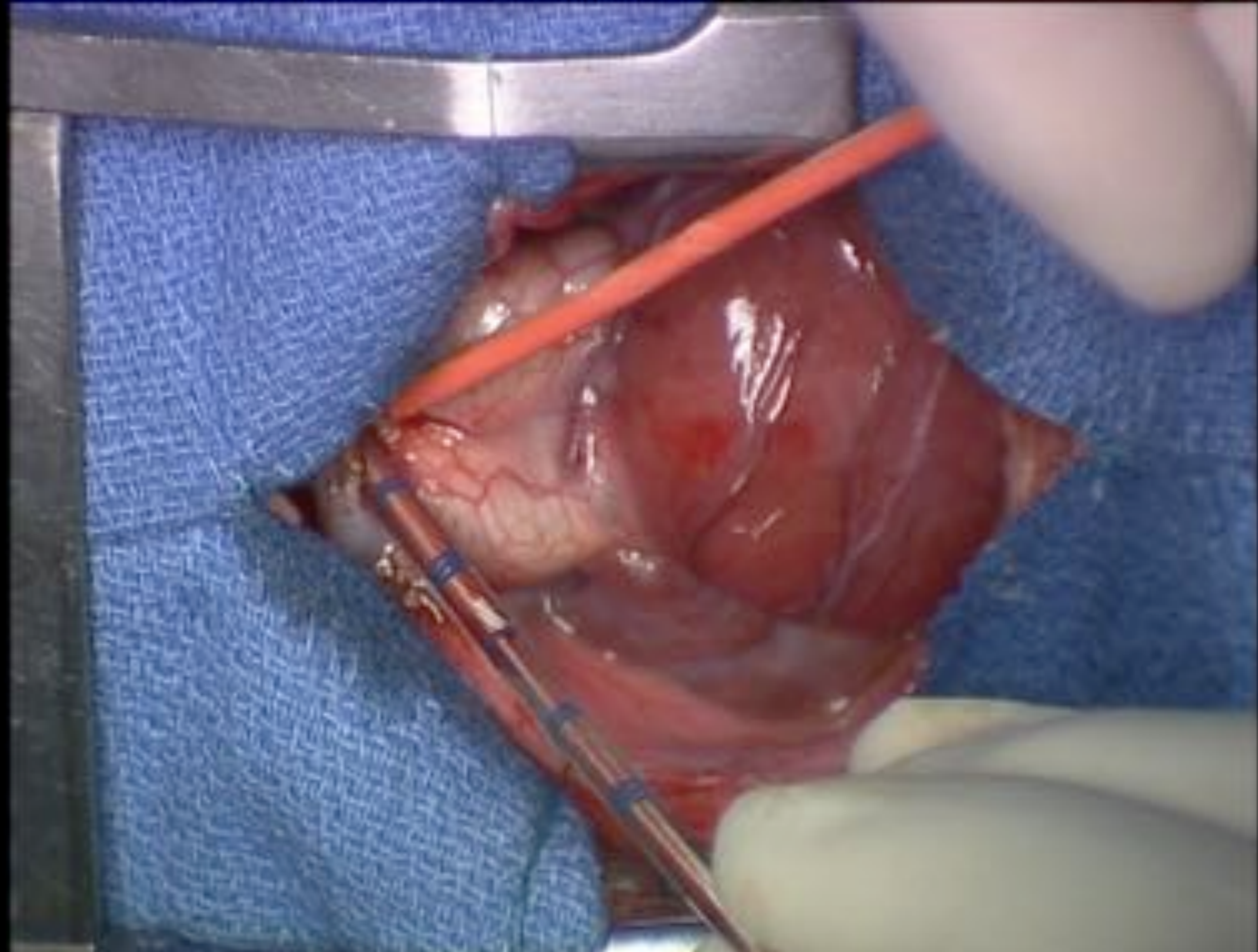


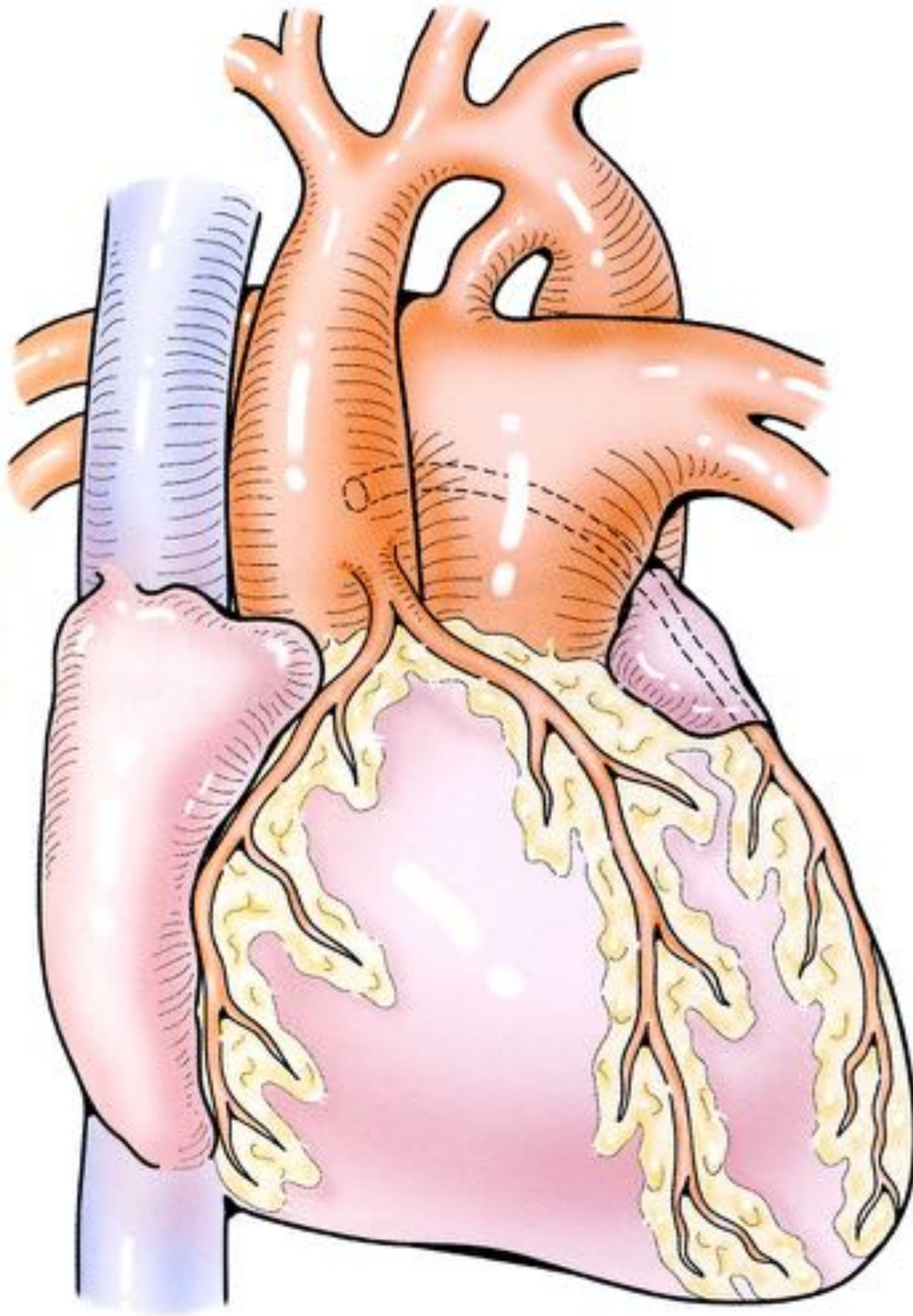
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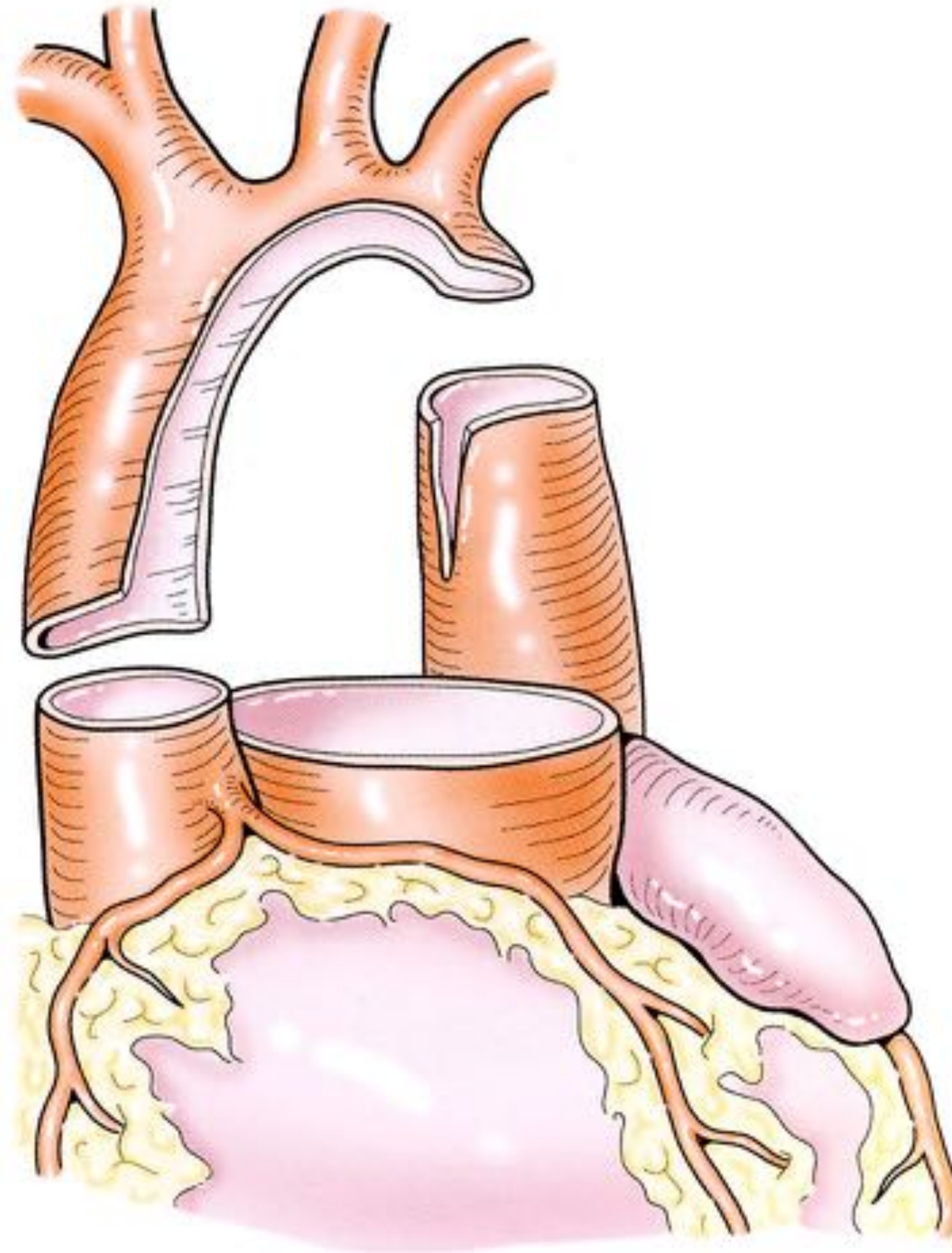


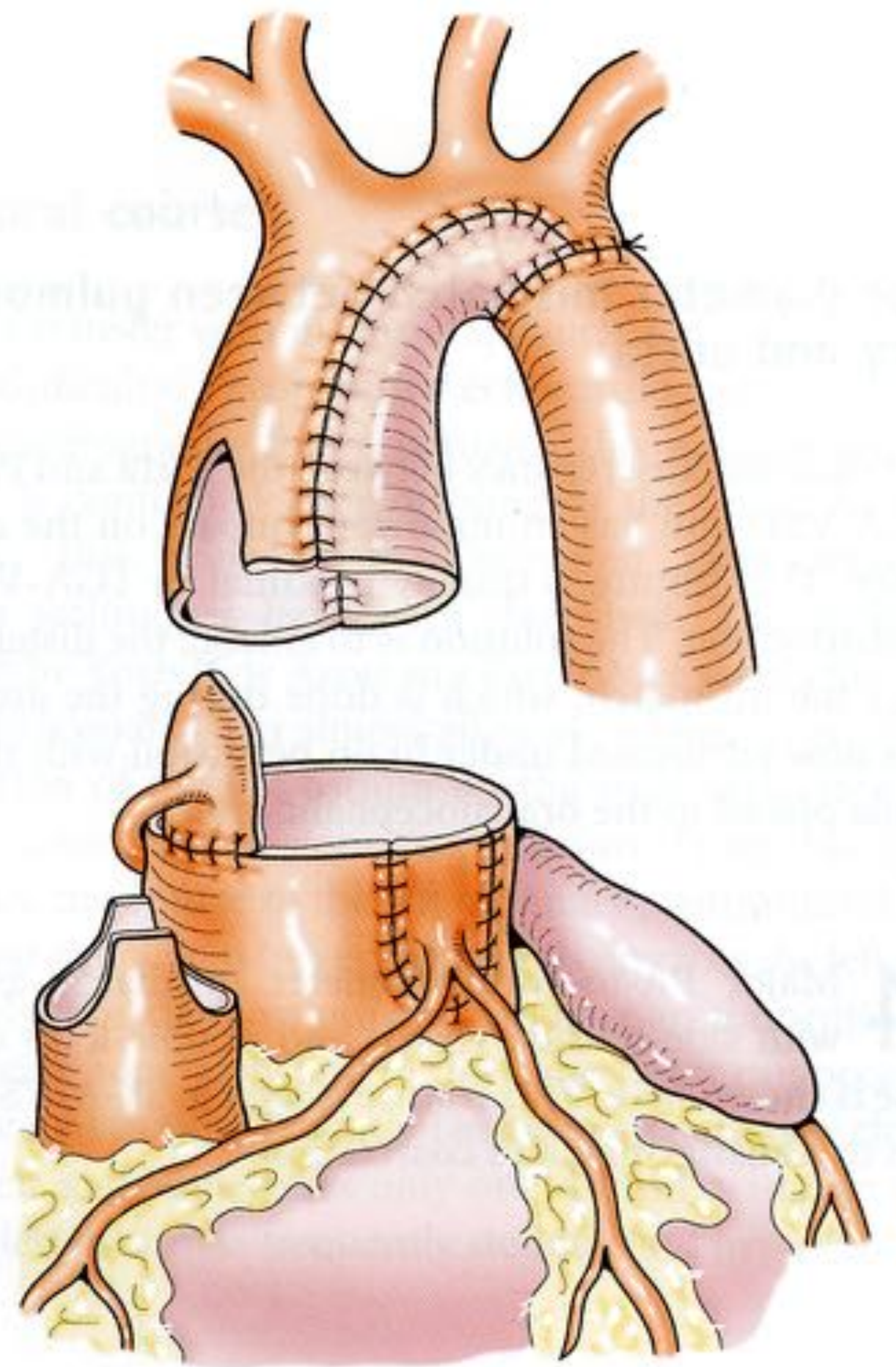
Coronnaire intra-murale - technique











Problèmes postopératoires

- ischémie coronarienne
 - révision peropératoire
 - sternum ouvert
 - réintervention précoce
- préparation VG
 - patience
 - assistance circulatoire

Introduction

Problèmes tardifs

- sténose coronaire
 - coronarographie
 - réintervention
- sténose voie pulmonaire
- insuffisance aortique
- HTAP (arteriolite pulmonaire)

Arigato

