

Généralités

Structure

Cavités

Vaisseaux

Nerfs

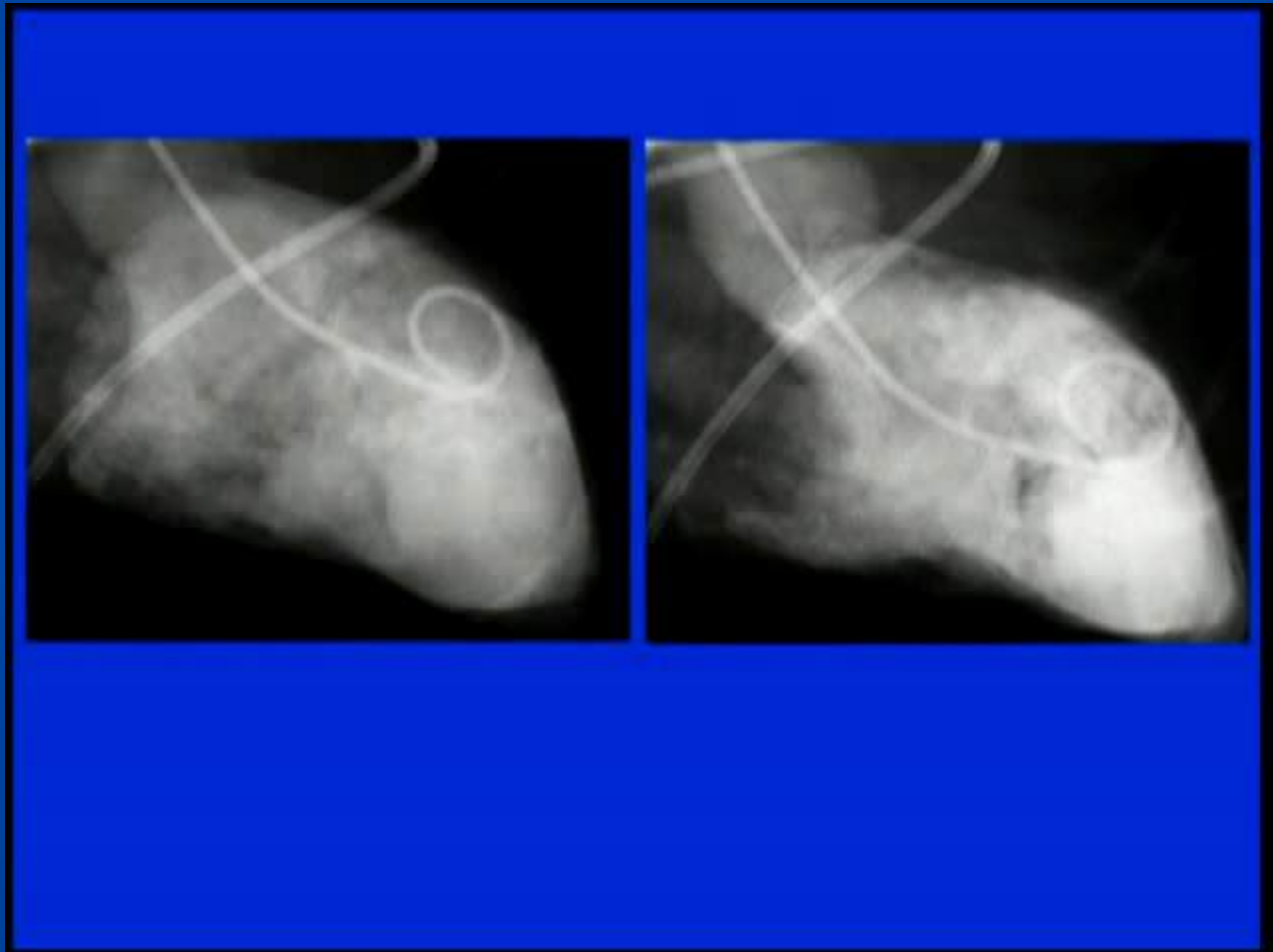
Rapports

★ **Introduction**

Embryologie



Ventriculographie → FE > 60 %



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La Valvule + Aorte Ascendante



Droites

- OD
- Tricusp.
- VD

Gauches

- OG
- Mitrale
- VG
- Aorte

La fonction

- 1 à 20 l/mn
- Systolo-diastolique
- Antéro et rétrograde

Les structures

- Un anneau
- Trigones fibreux
- Sigmoides aortiques
- Sinus de Valsalva
- Jonction sino-tubulaire



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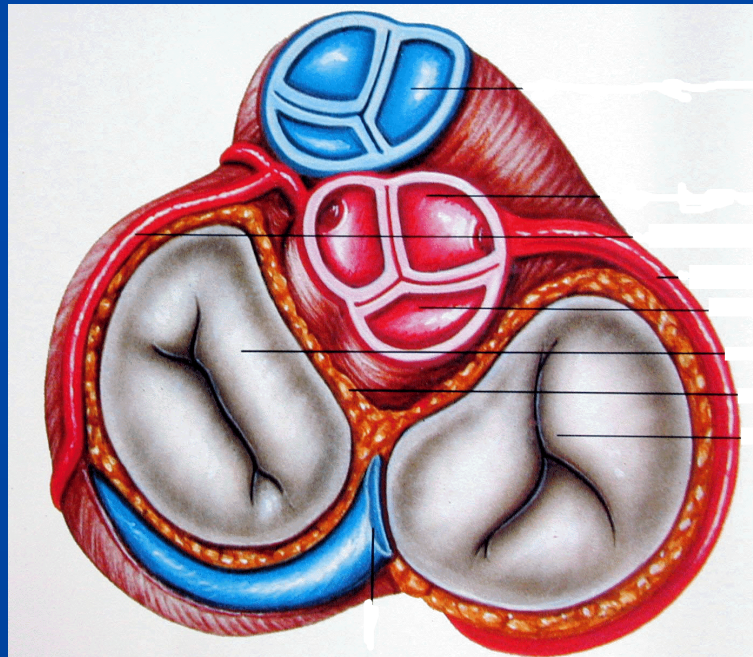
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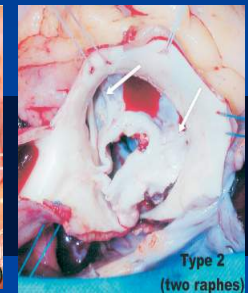
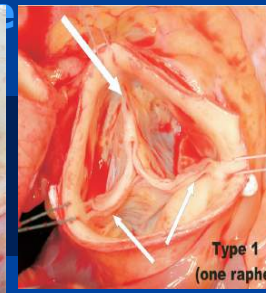
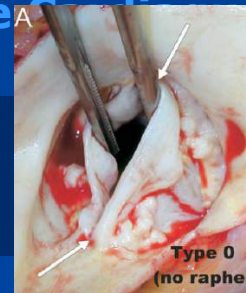


Rapports immédiats

VG
Valve mitrale
Septum fibro-musculaire
Trigones droit et gauche
Voie de conduction
Oreillettes
Coronaires

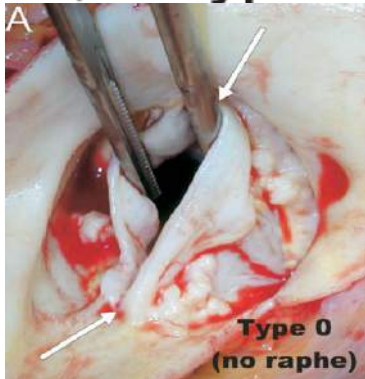
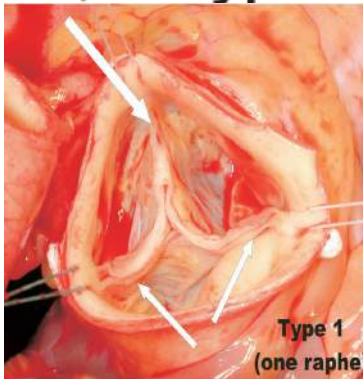
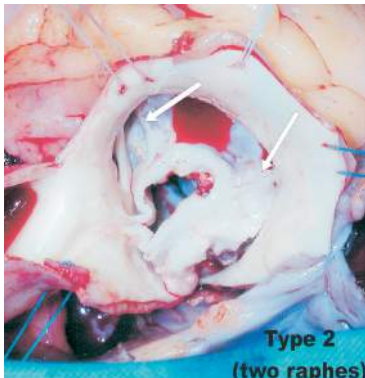
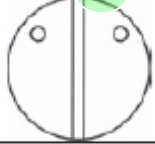
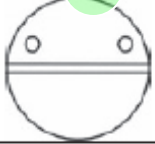


Tricuspidie

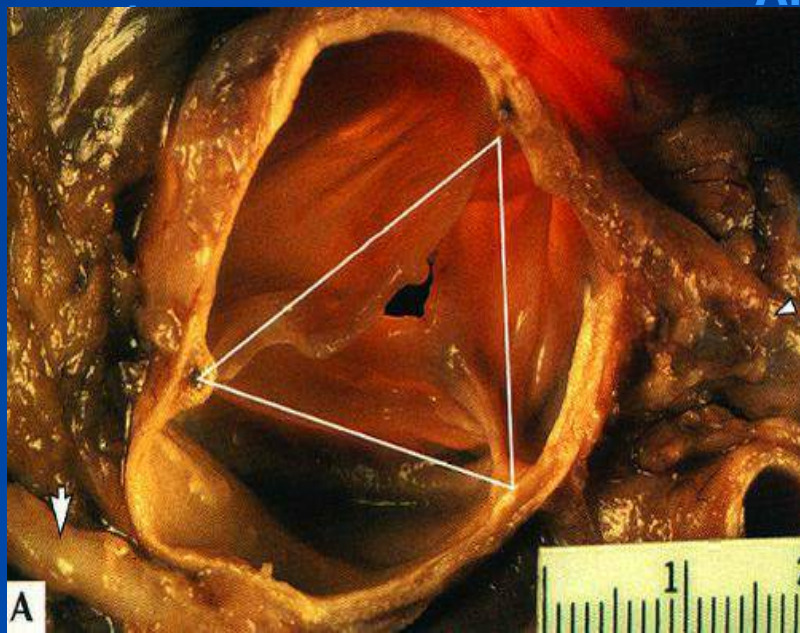


Commonly used terms		quadricuspid	tricuspid	bicuspid		
Scheme of morphological appearance						
functional characteristics	No of cusps	4	3	2	2	2
	No of raphes	0	0	0	1	2
morphological characteristics	No of cusps	4	3	purely bicuspid*	potentially tricuspid*	
				2	3 anlagen, (2 under- and 1 fully developed)	3 anlagen, (2 under- and 1 fully developed)
	Size of cusps	non-equal	equal	equal	non-equal	non-equal
	No of commissures	4	3	2	1 under- and 2 fully developed	2 under- and 1 fully developed

Bicuspid Valves

<u>main category:</u> number of raphes	0 raphe - Type 0		1 raphe - Type 1		2 raphes - Type 2			
	 21 (7)	 269 (88)	 14 (5)					
<u>1. subcategory:</u> spatial position of cusps in Type 0 and raphes in Types 1 and 2								
<u>2. subcategory:</u>								
V A L V U L A R	F U N C T I O N	I	6 (2)	1 (0.3)	79 (26)	22 (7)	3 (1)	6 (2)
		S	7 (2)	5 (2)	119 (39)	15 (5)	3 (1)	6 (2)
		B (I + S)		1 (0.3)	15 (5)	7 (2)	2 (1)	2 (1)
		No			3 (1)	1 (0.3)		

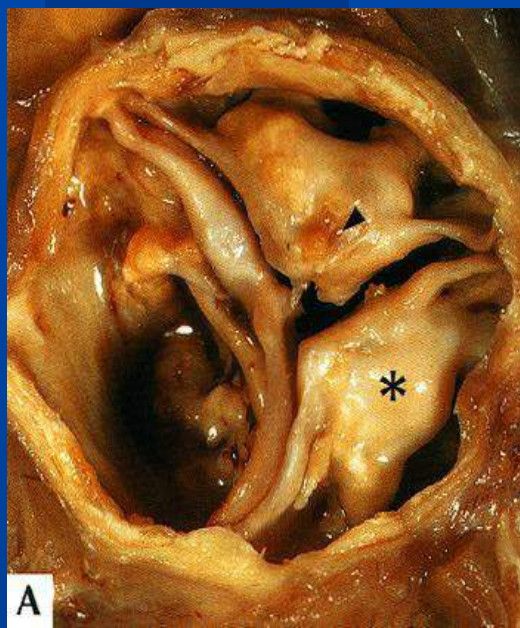
Pr J. B. J. Valvulopathie
Valve aortique normale



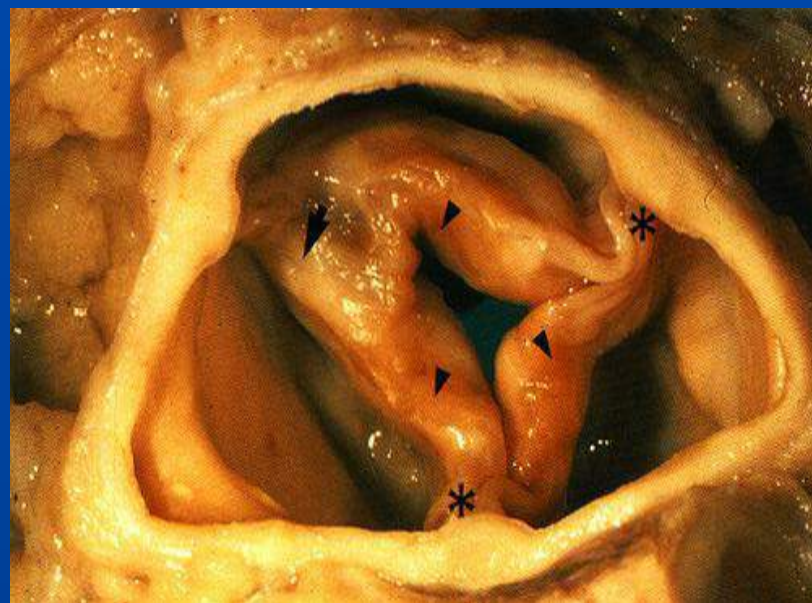
Valve aortique bicuspide non calcifiée



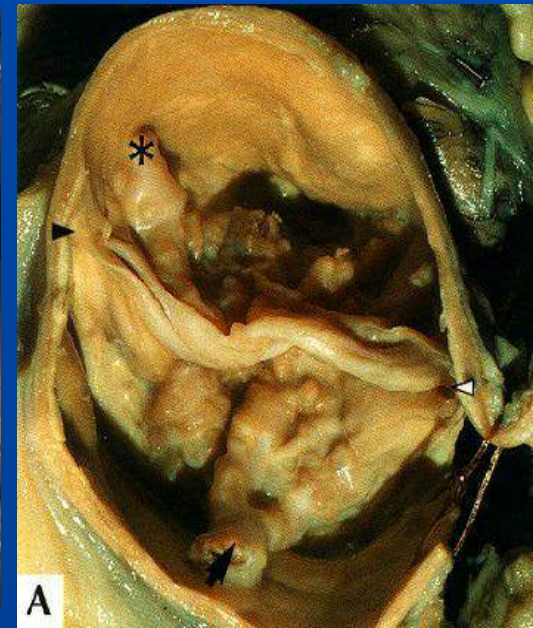
RAC dégénératif



RAC rhumatismal



RAC sur bicuspidie



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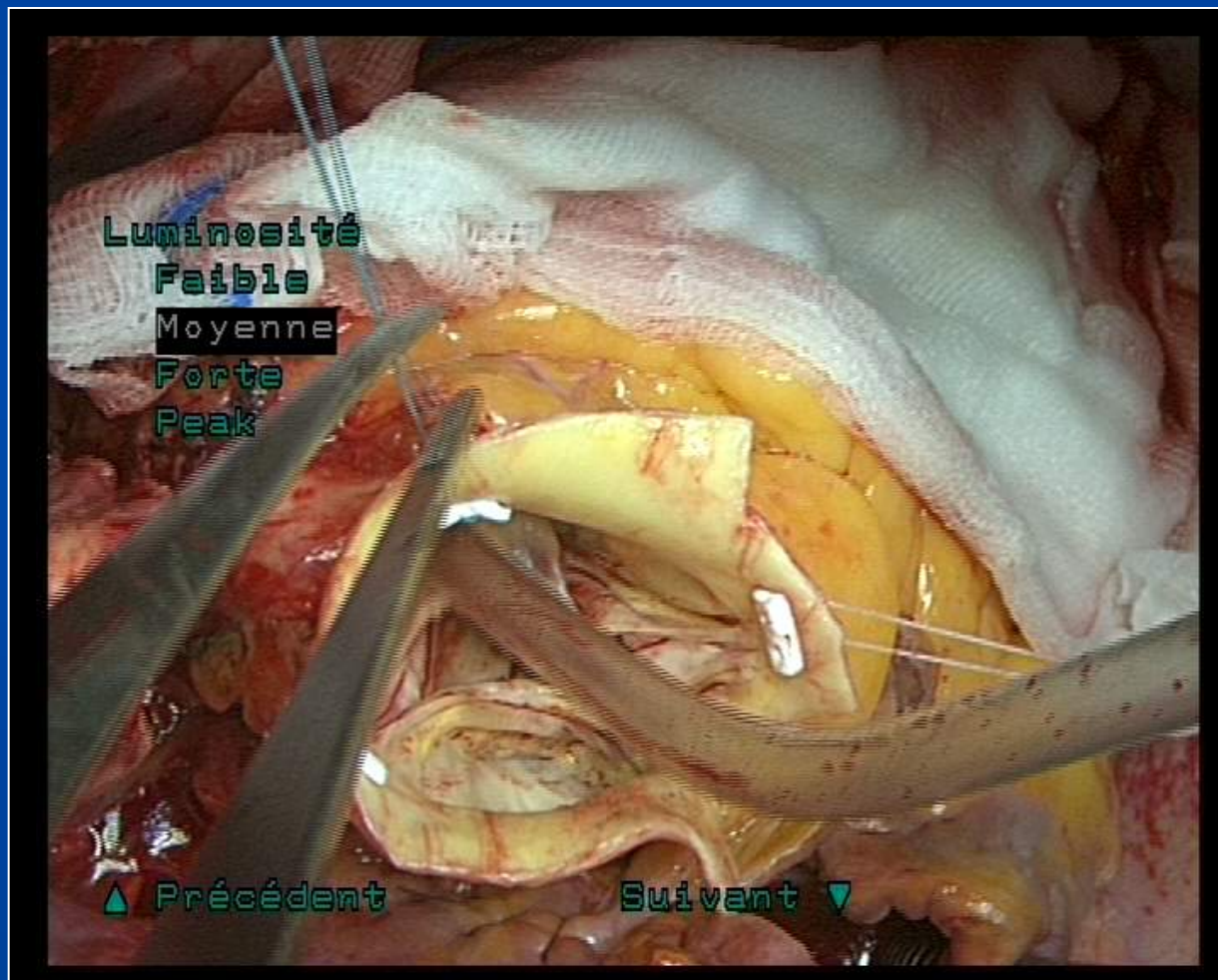
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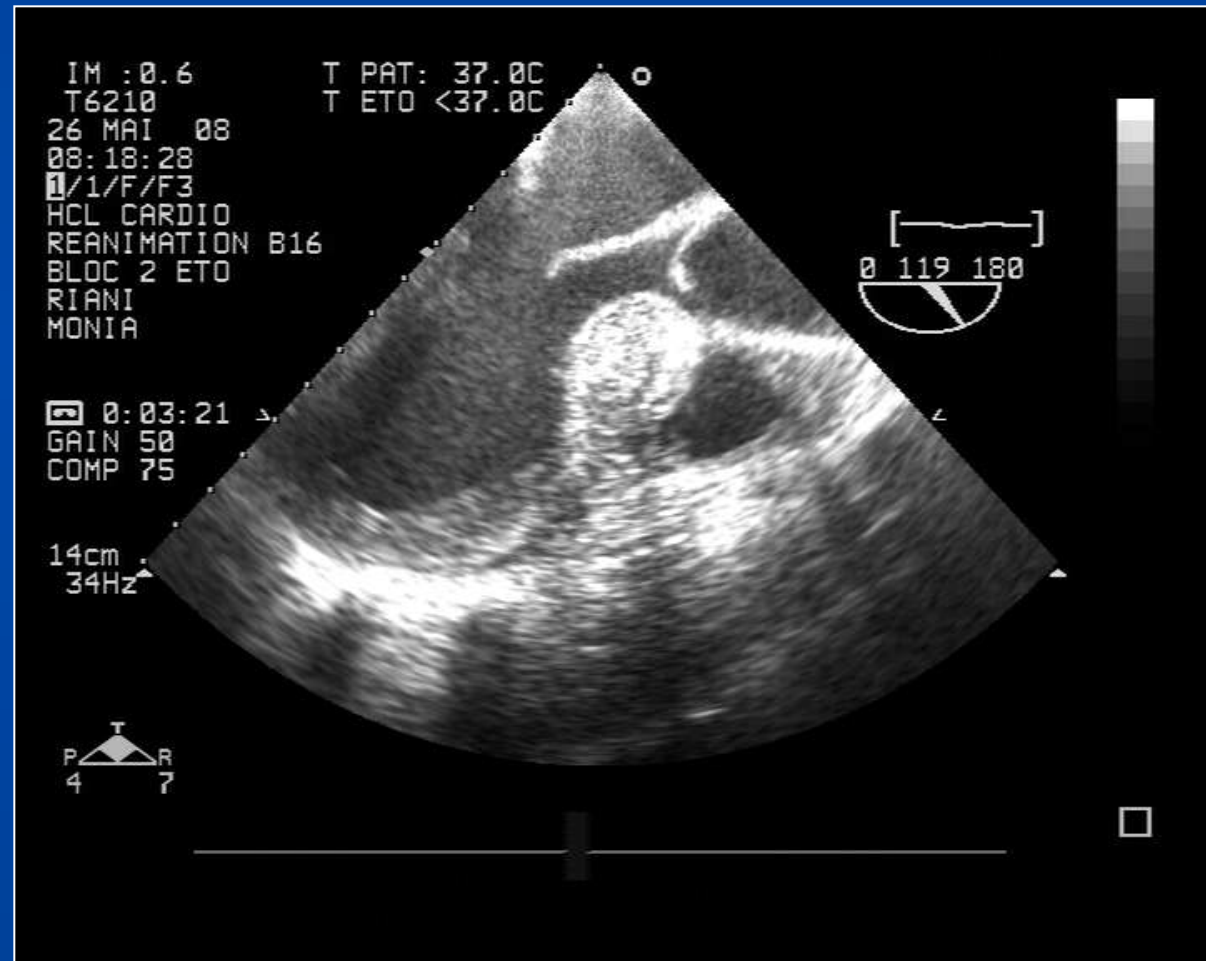
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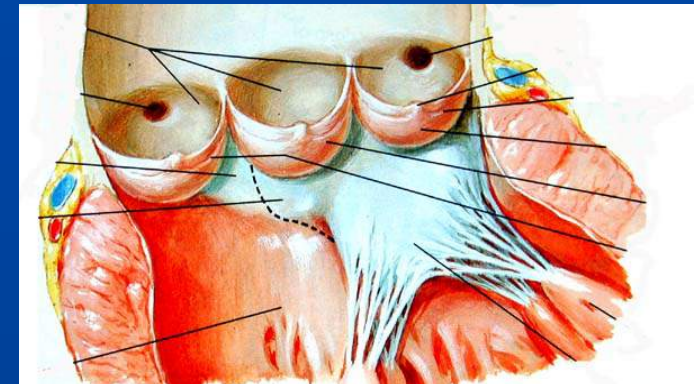
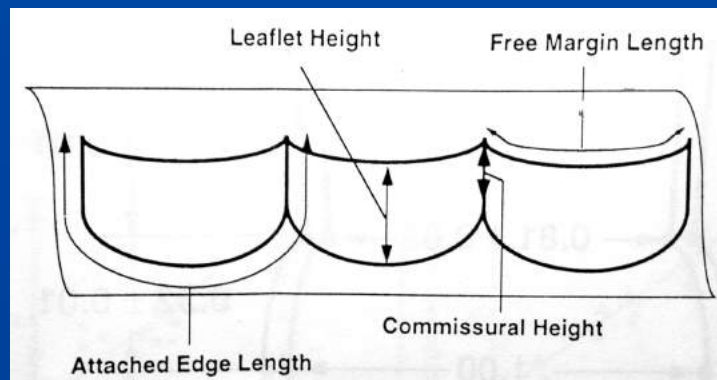
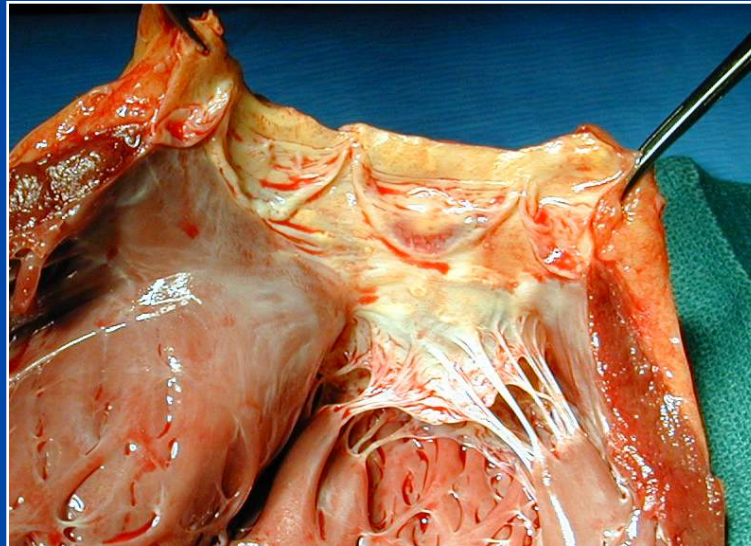
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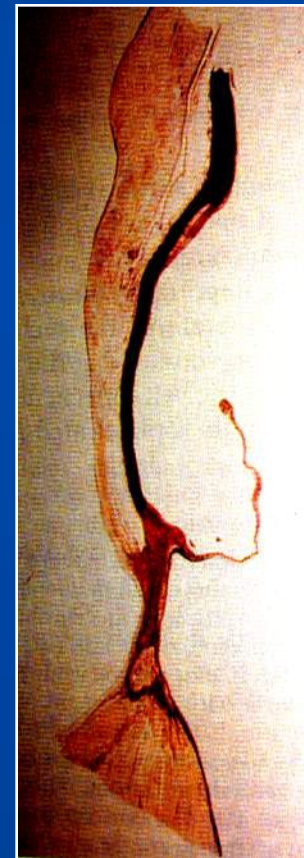
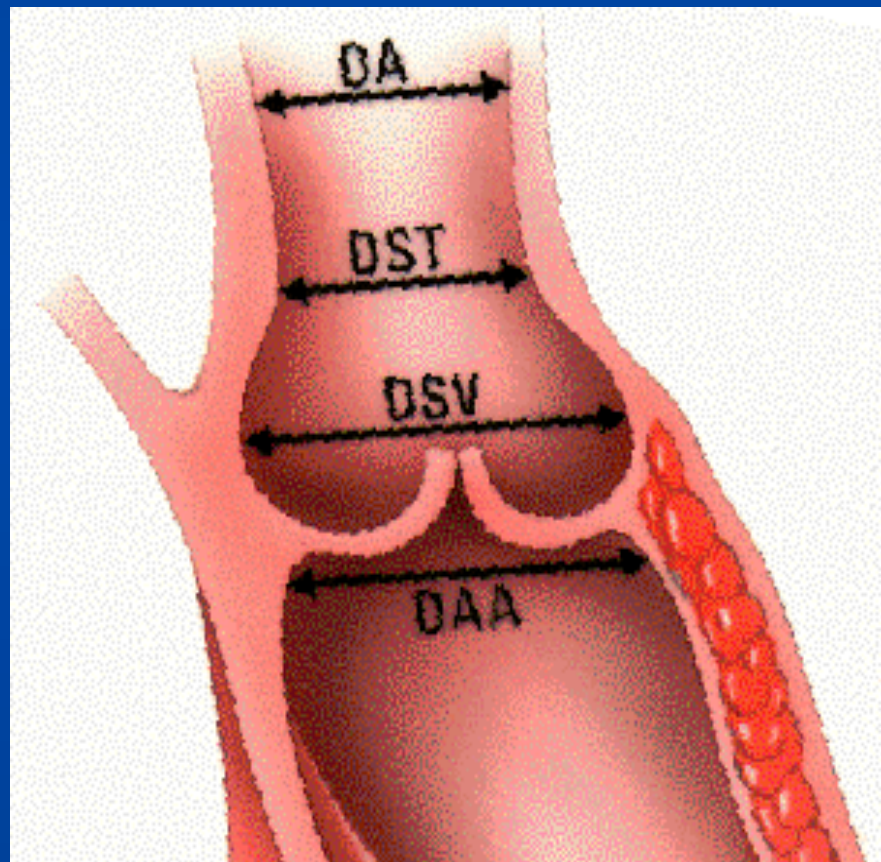
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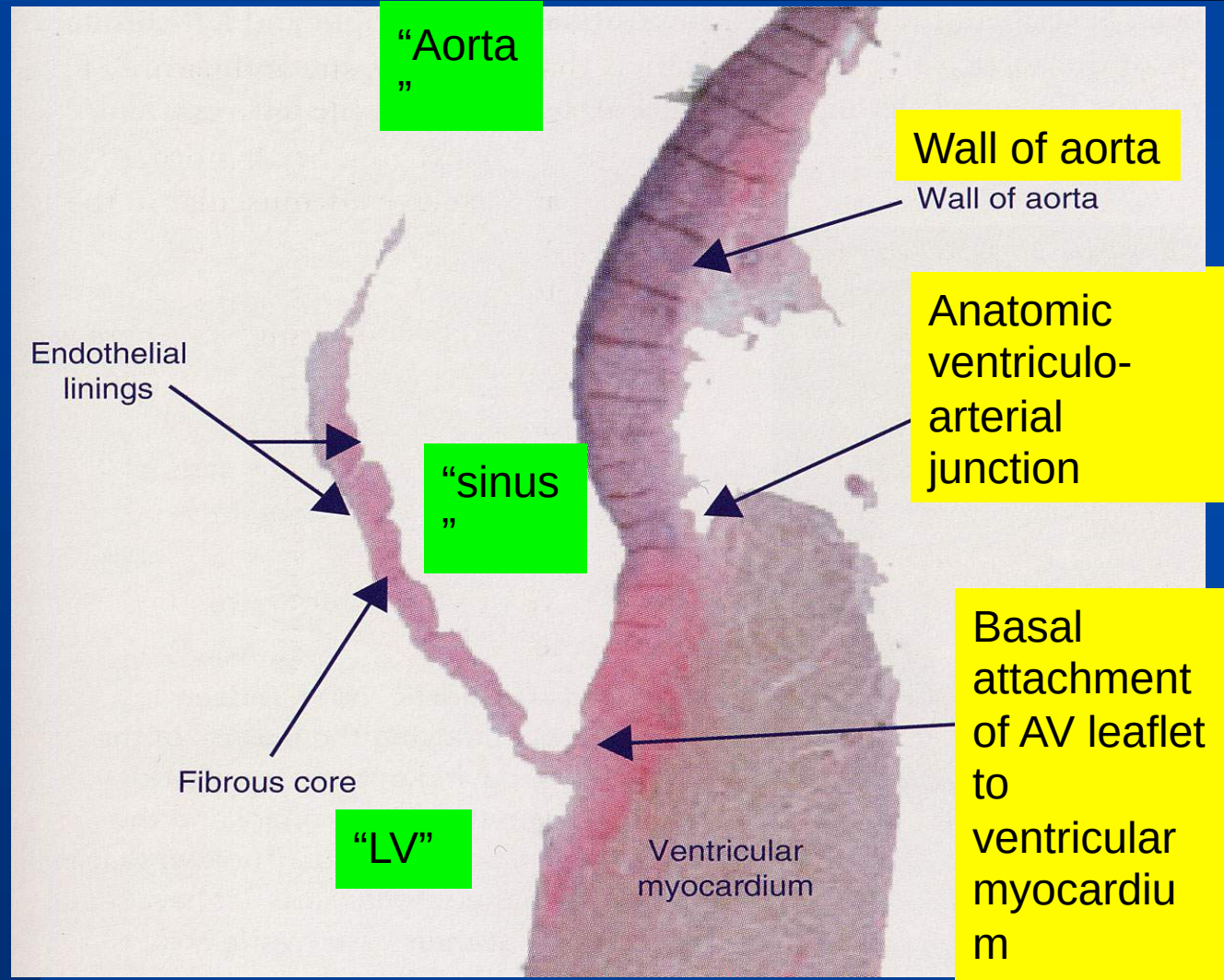
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Histology – Aortic Valve



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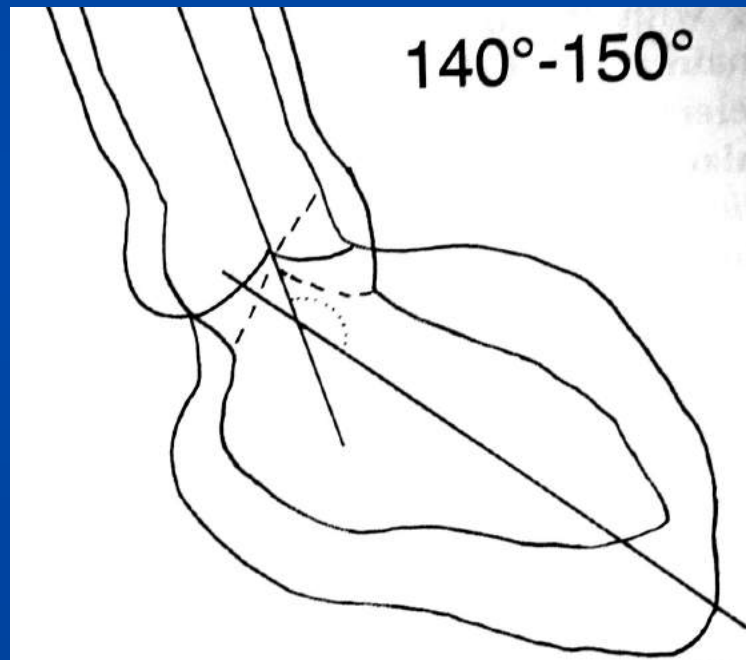
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(J Laas Ann Thorac Surg 1999;68:1096-9)



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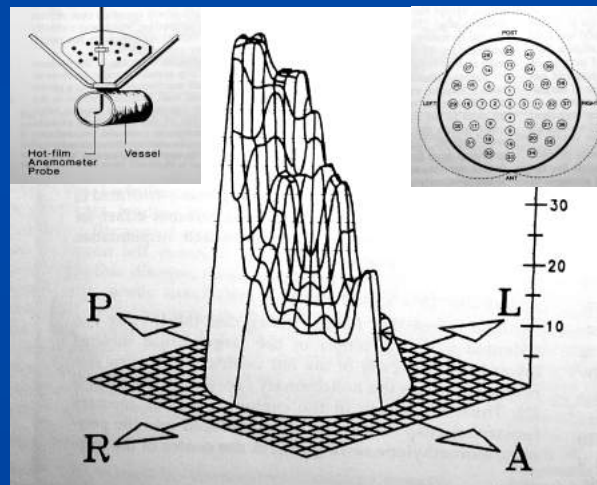
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(H Nygaard Eur J Cardio-thorac Surg 1992;6:609-17)



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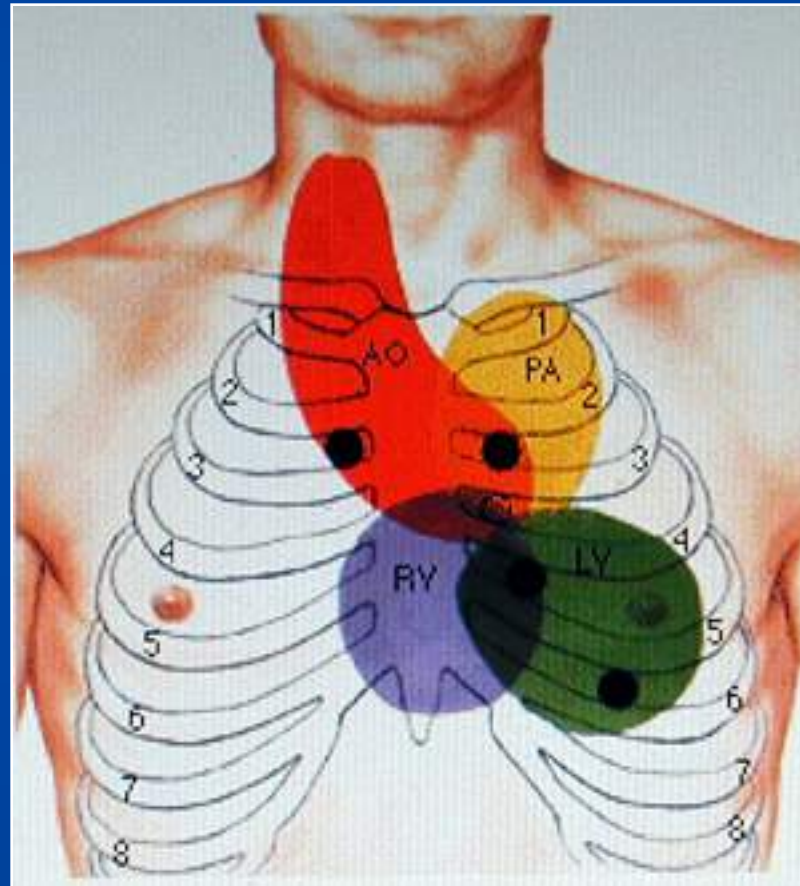
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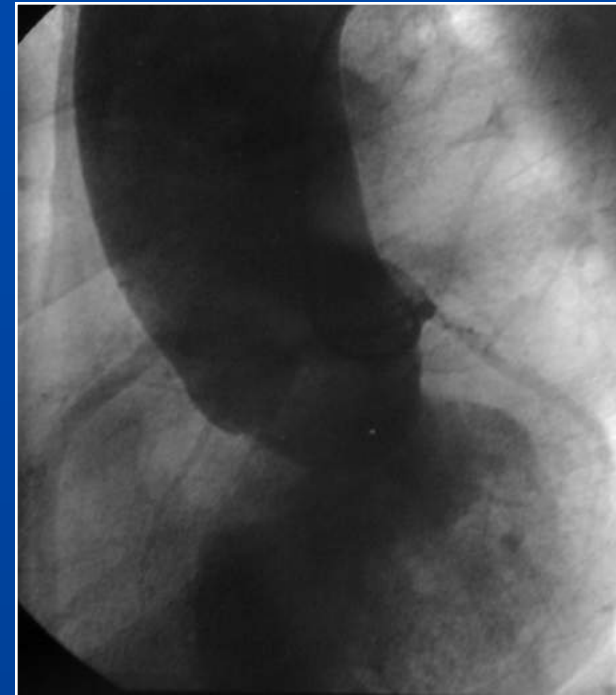
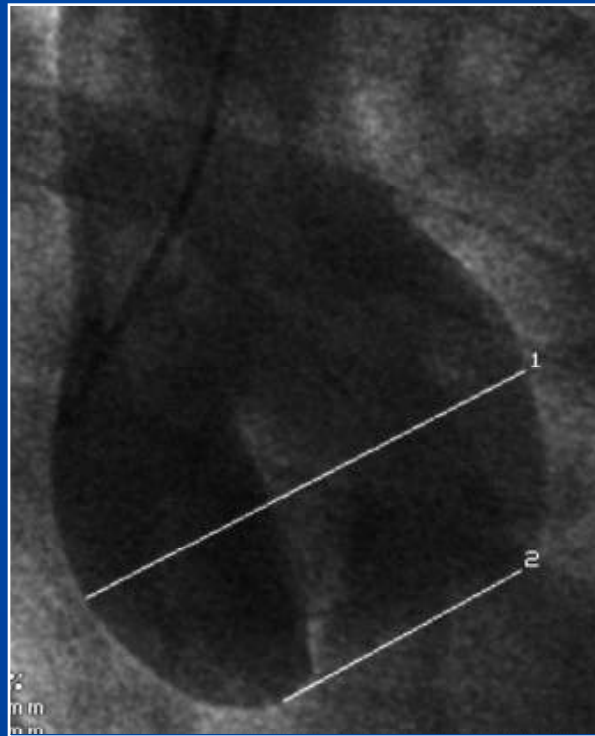
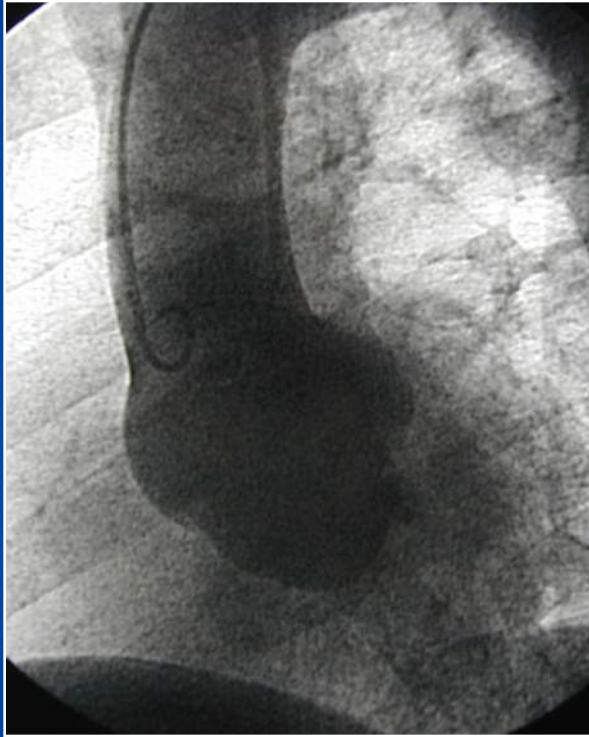
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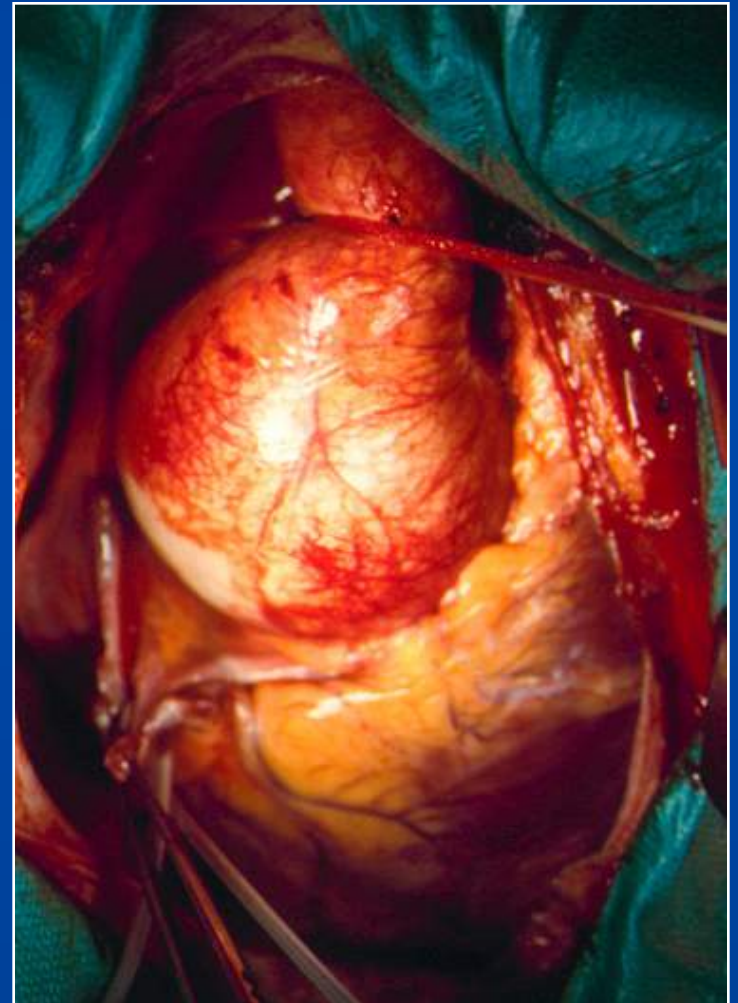
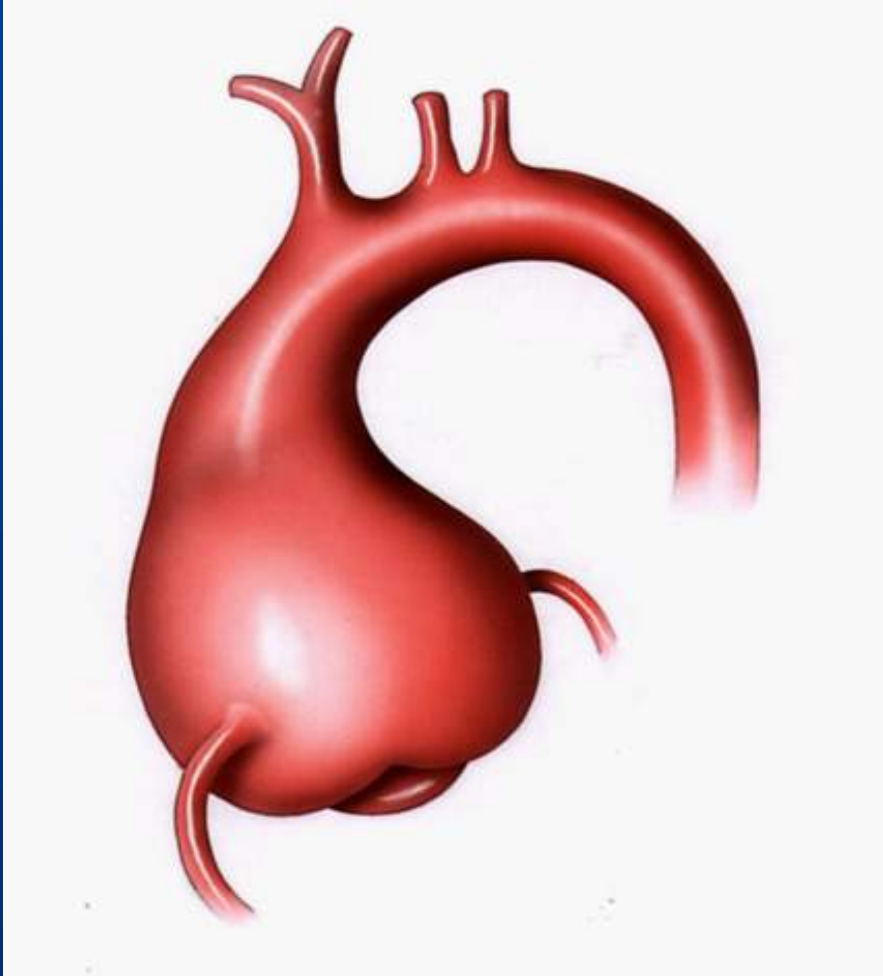
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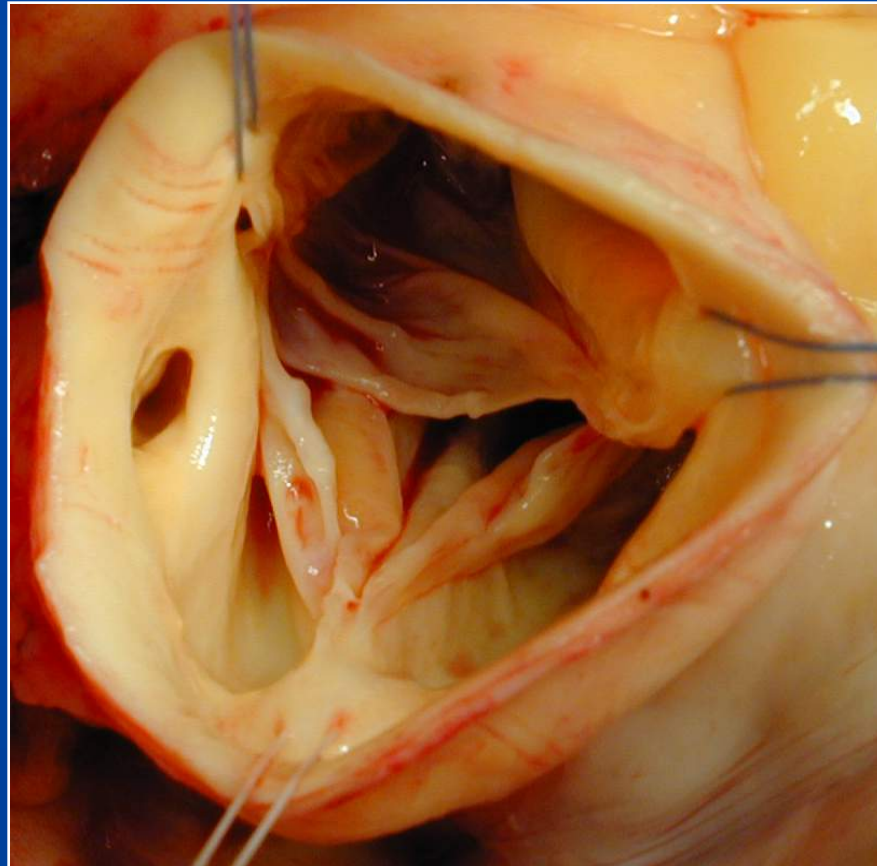
Dystrophie Aortique



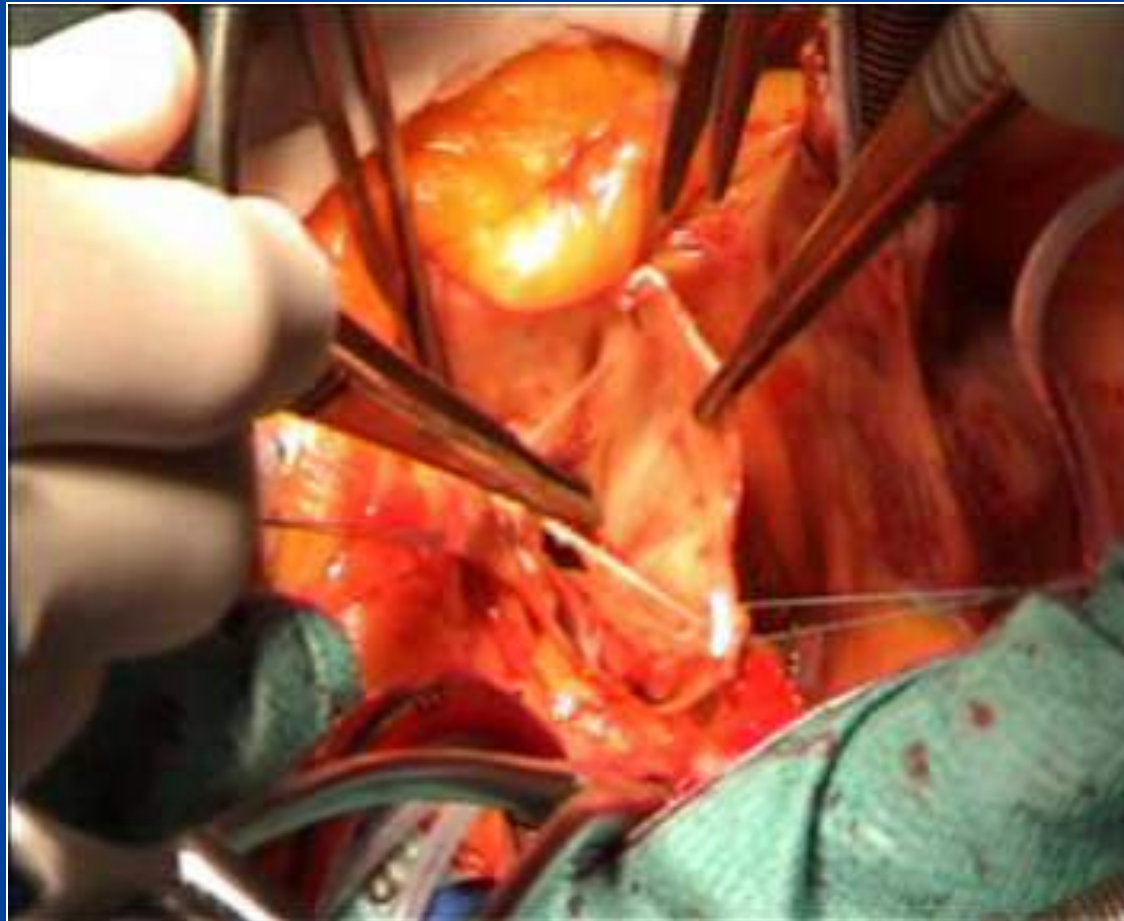
Dystrophie Aortique



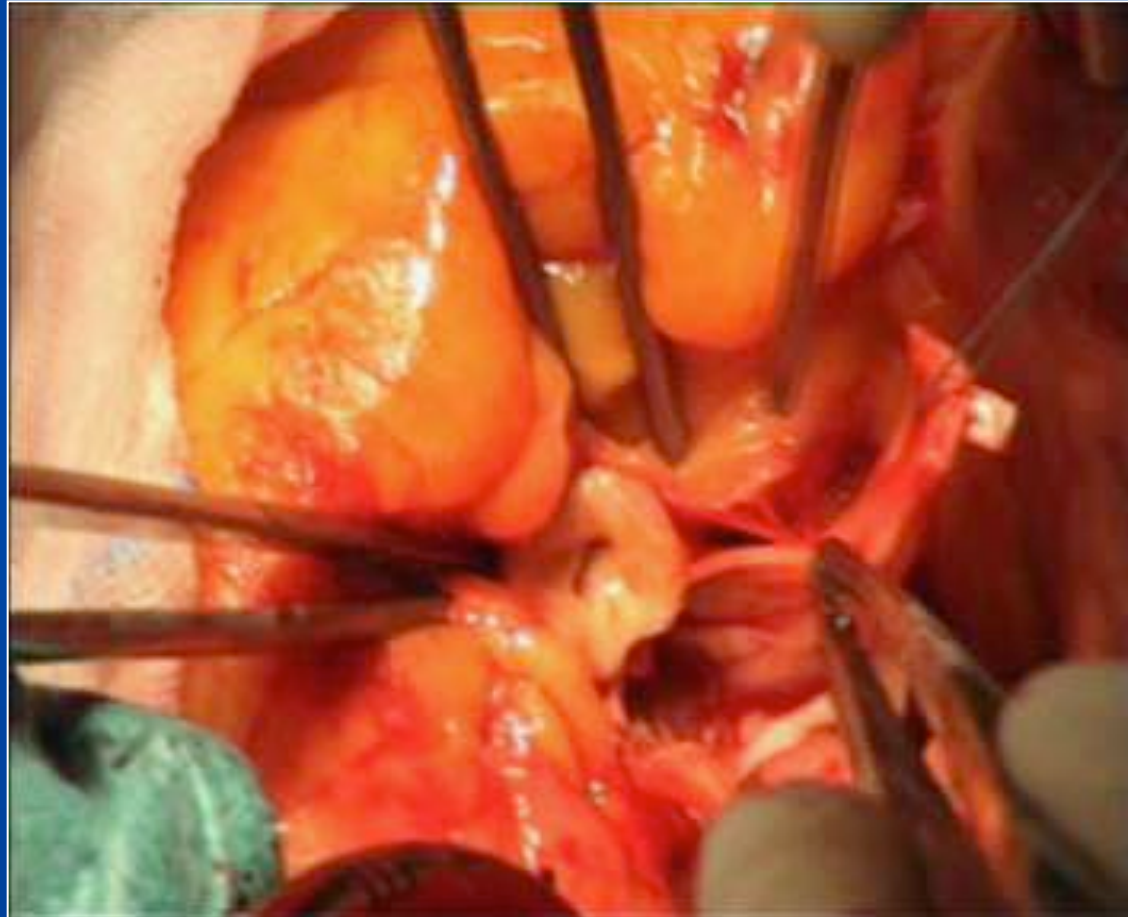
Surgical Technique



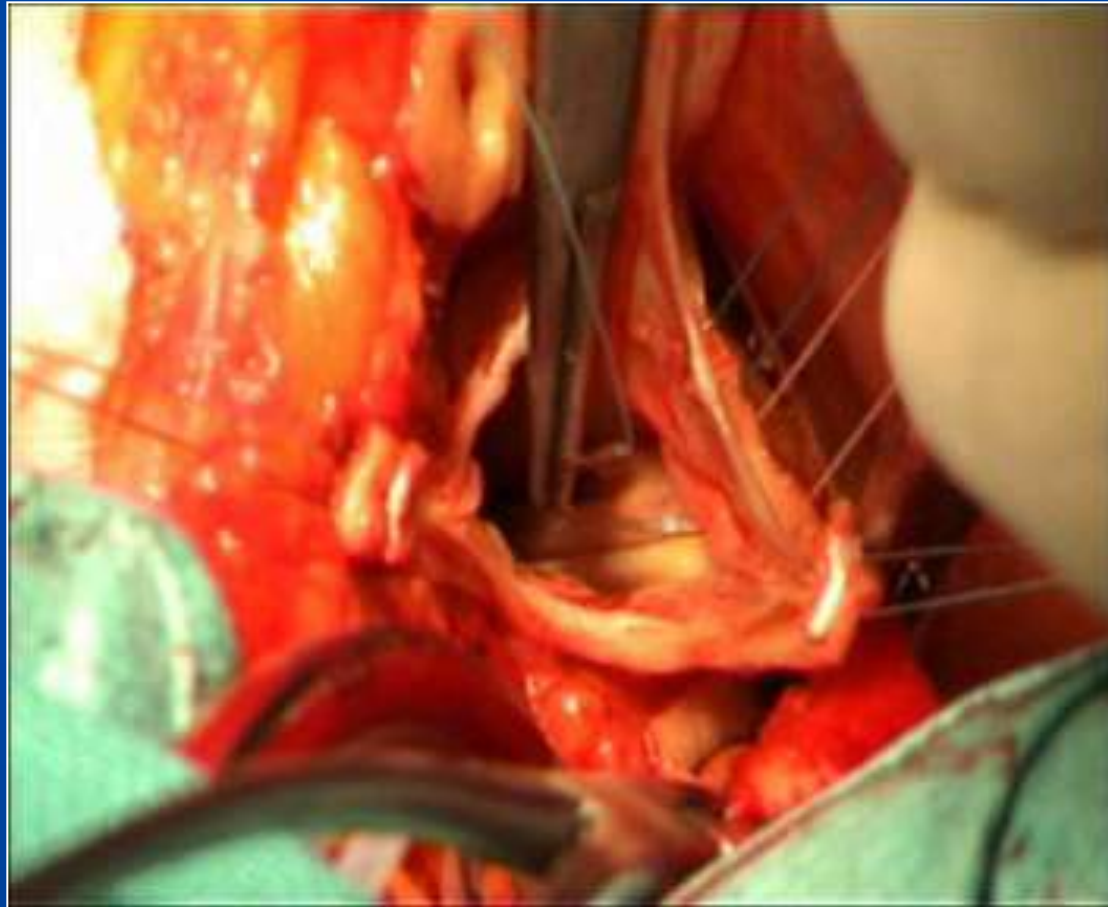
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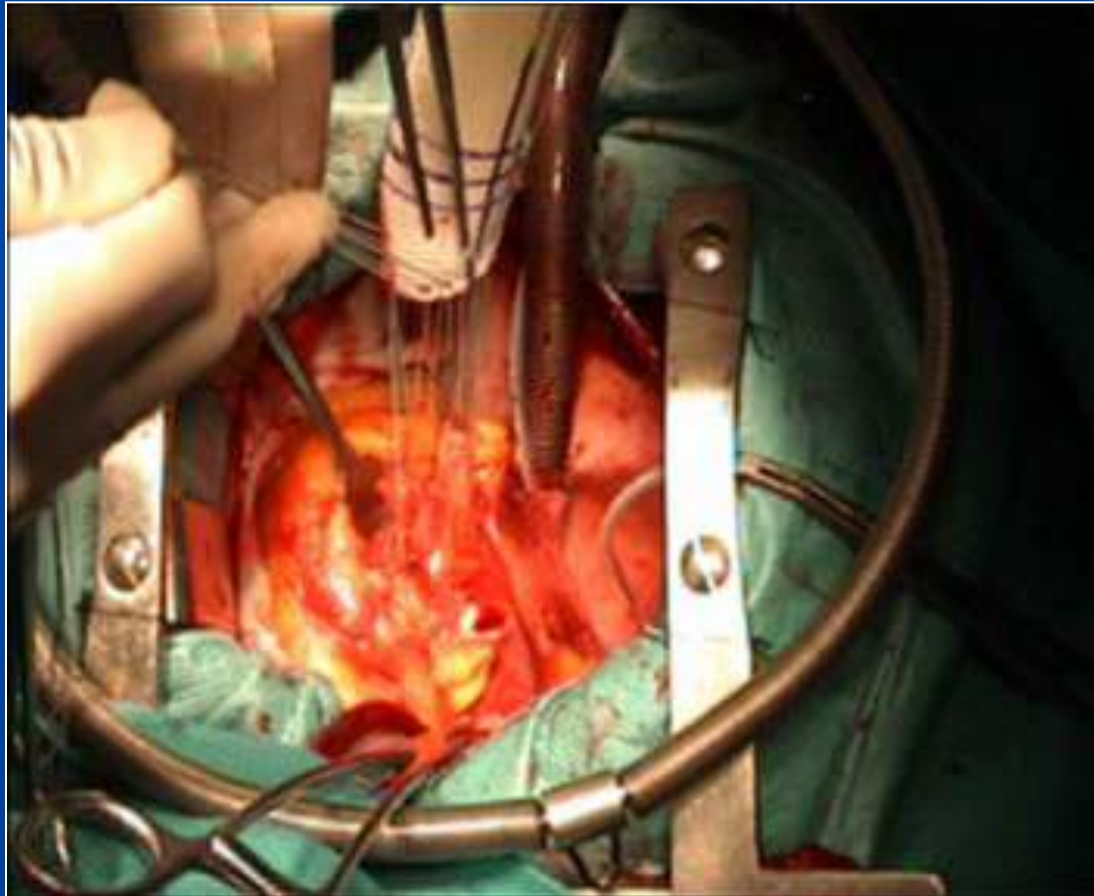
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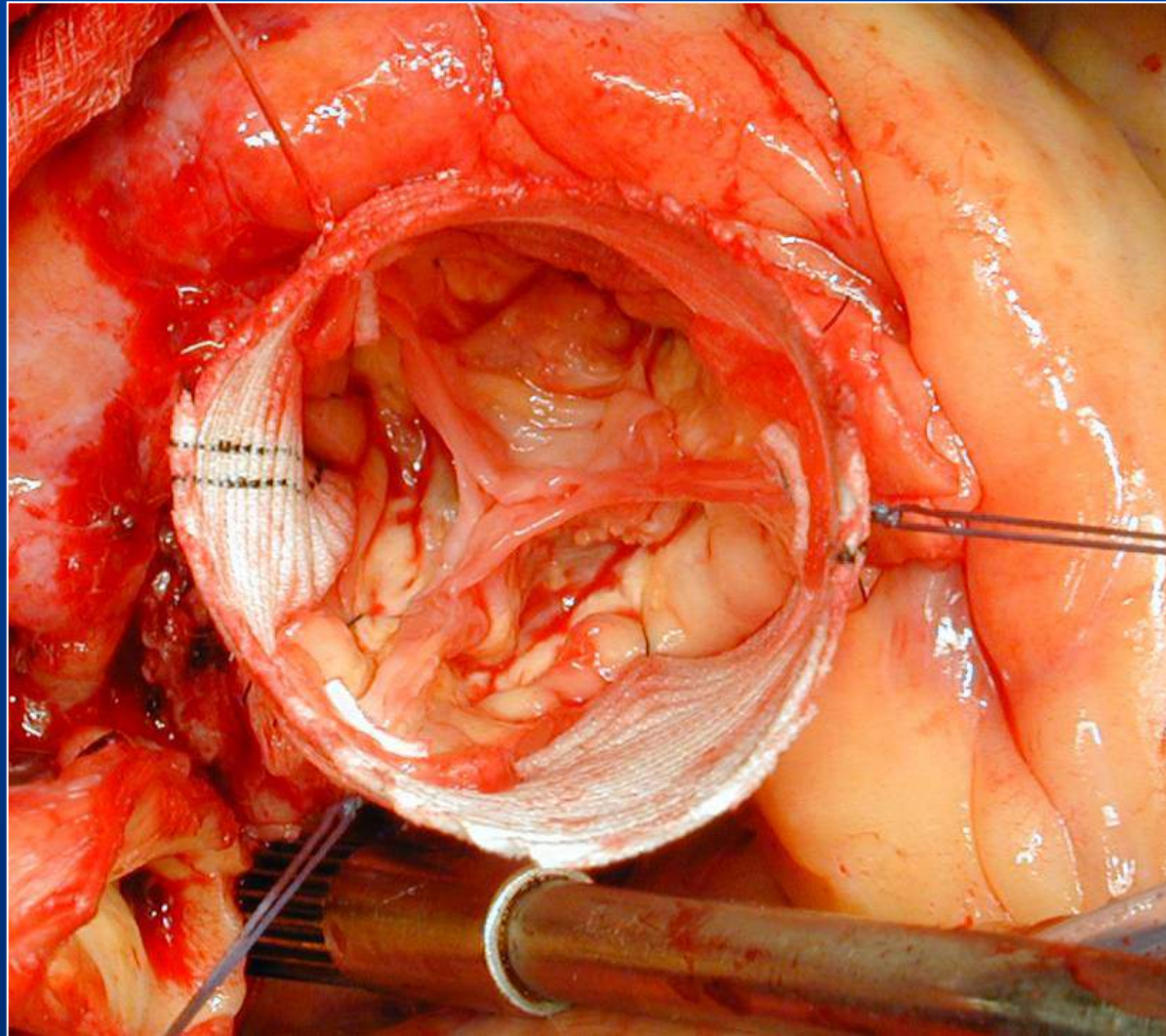
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