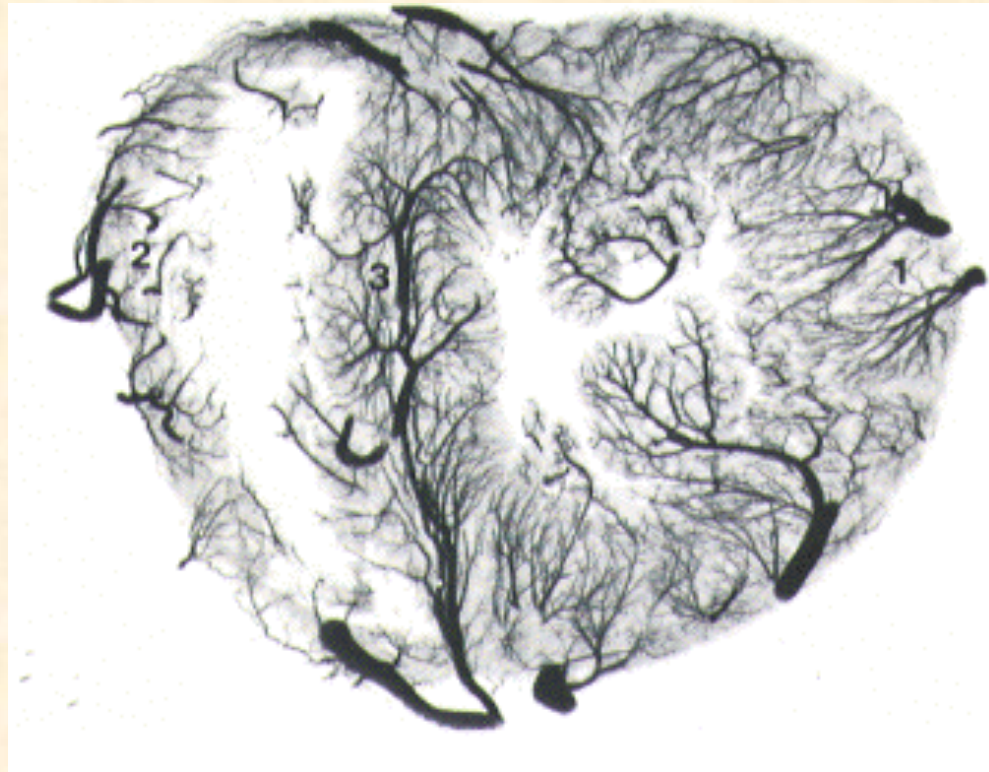


Anomalies congénitales des vaisseaux coronaires

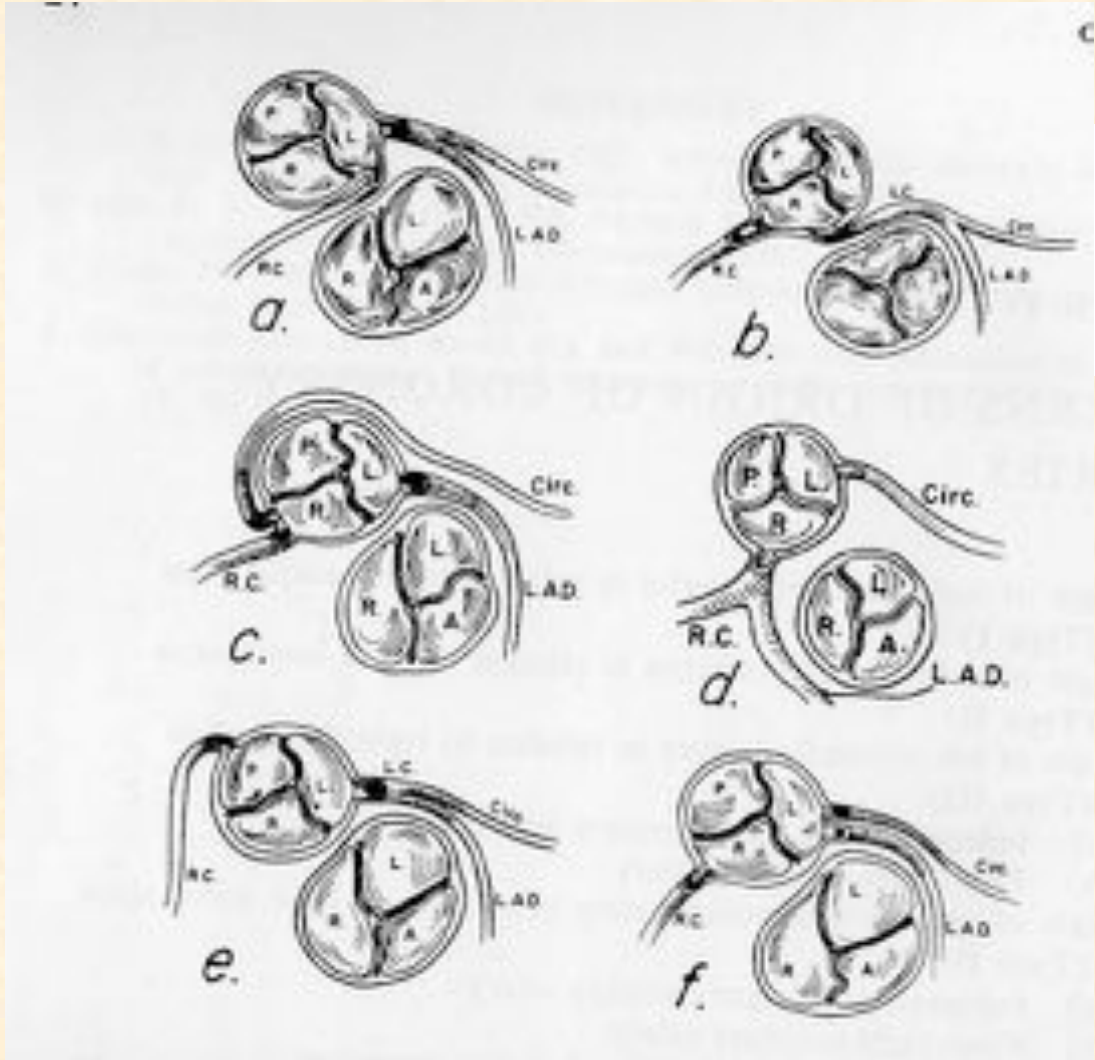


B. Kreitmann

Epidémiologie (USA)

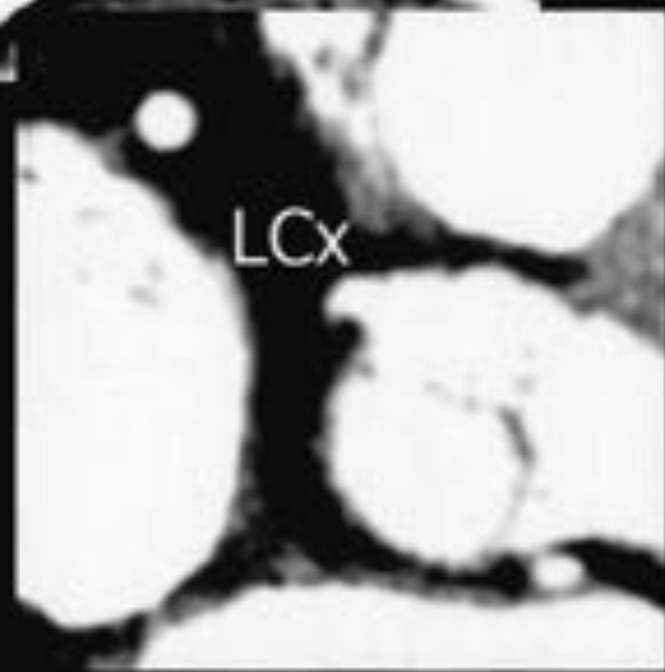
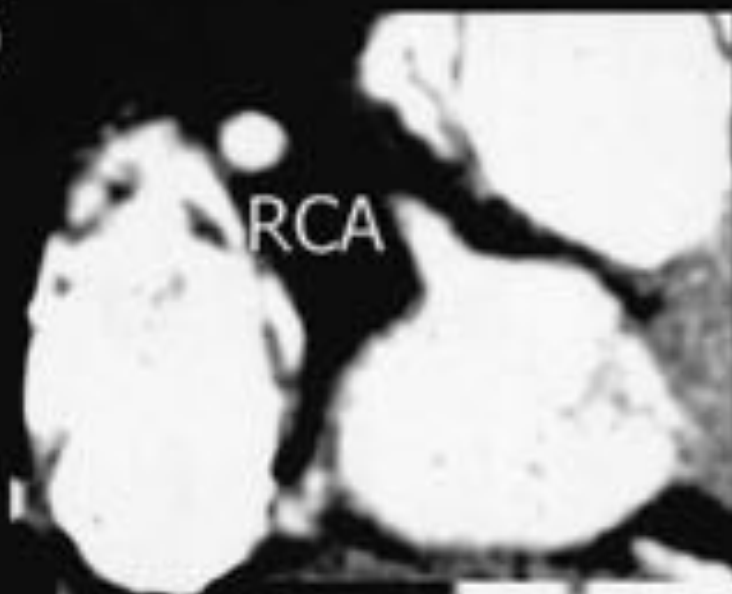
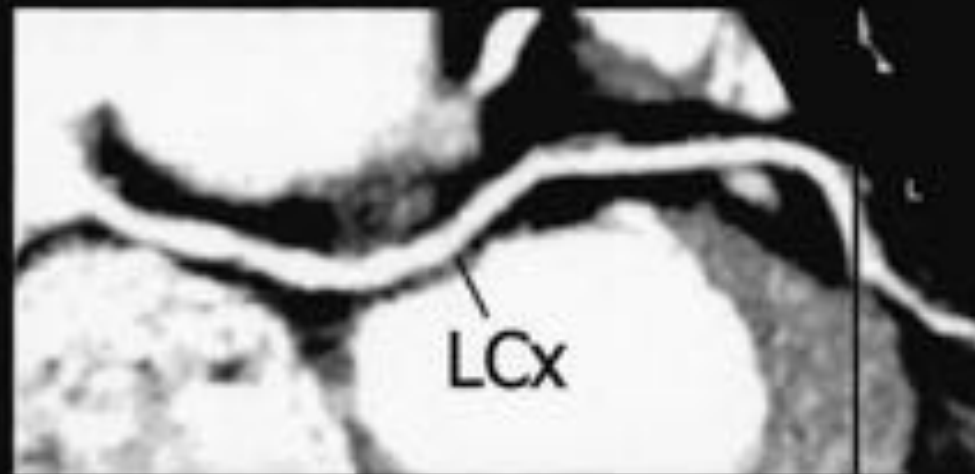
- 0,3 à 1,3 % des patients subissant une coronarographie ont une anomalie coronaire
- 1% des autopsies de routine
- 4 à 15 % des jeunes gens subissant une mort subite
- Coronaire unique: 0,024 %
- Fistules coronaires: 0,2 % des angios; 0,002% des patients avec cardiopathie congénitales
- ALCAPA: 0,0003% de la population; 18% des CMD de l'enfant de moins de 2 ans

Anomalies d'origine et de trajet

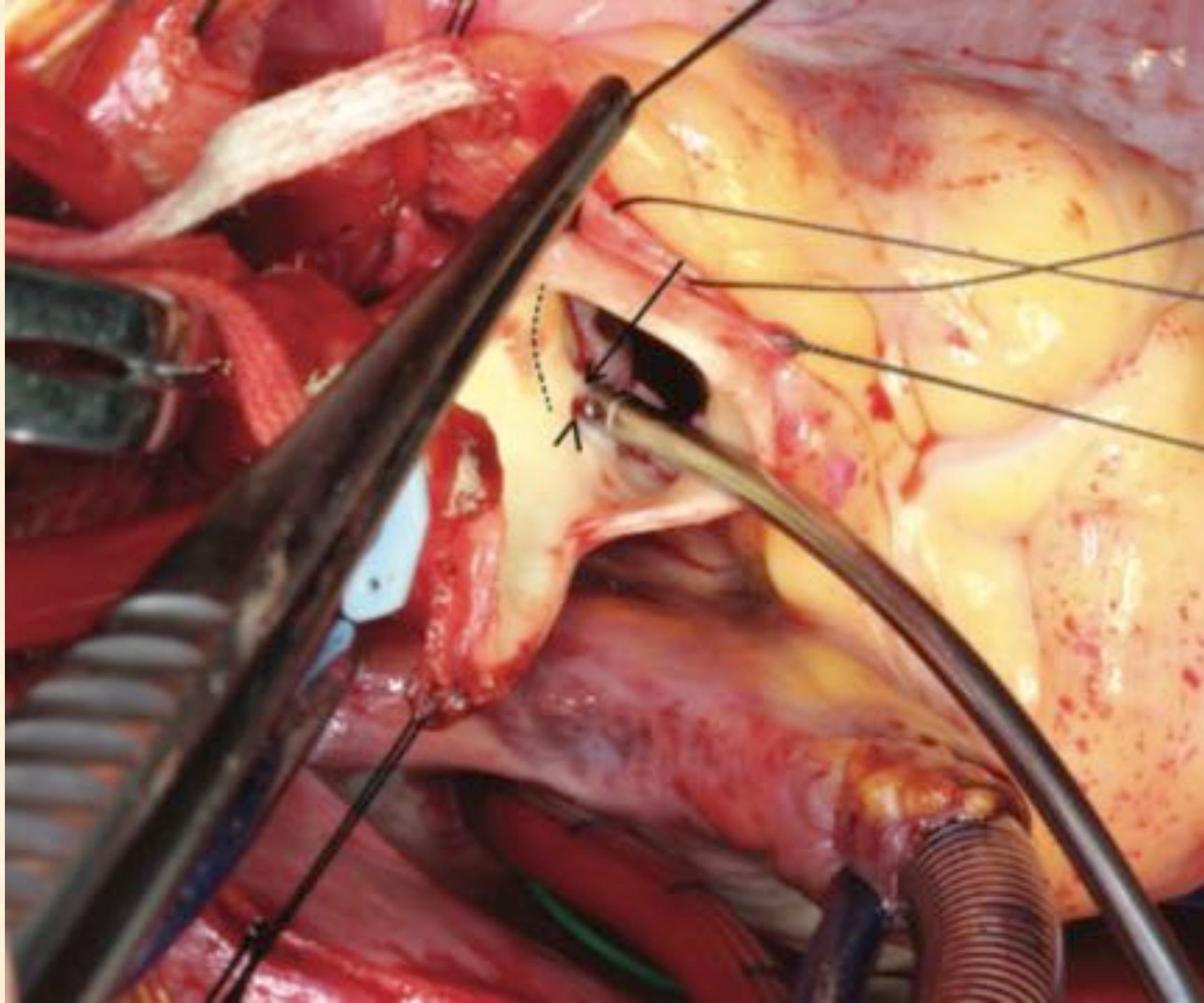


Risque de mort subite?
Trajets intra-muraux
Trajets inter aortico-pulm

Indication op?
Unroofing?
Re-implantation
Patch

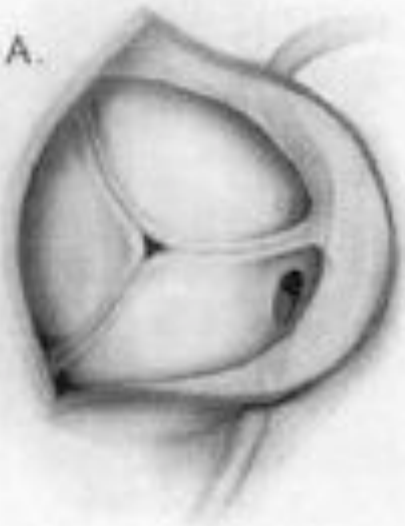
A**B****C**



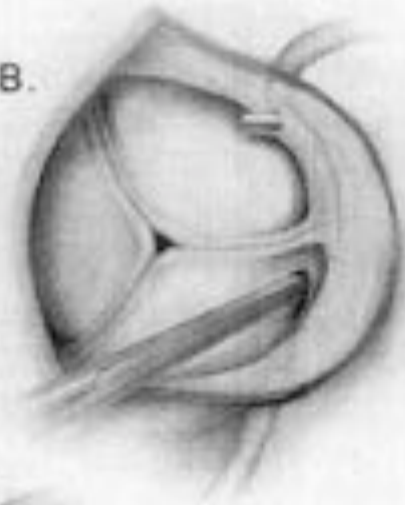




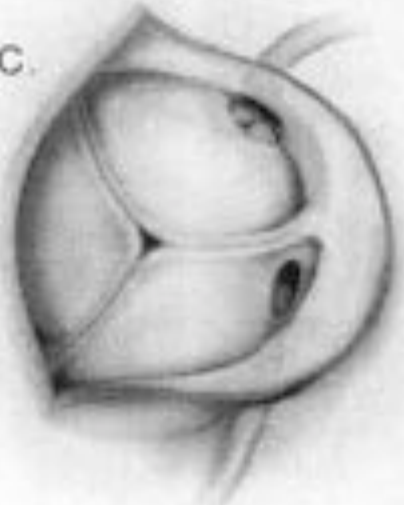
A.



B.



C.

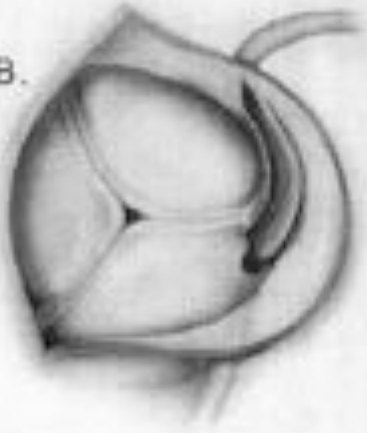


Unroofing

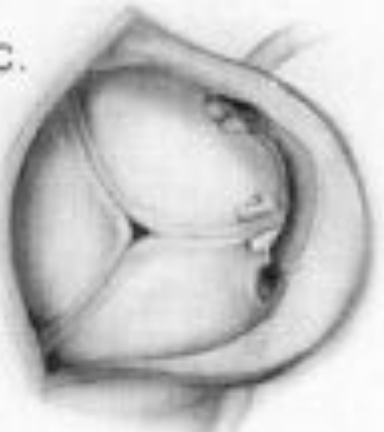
A.

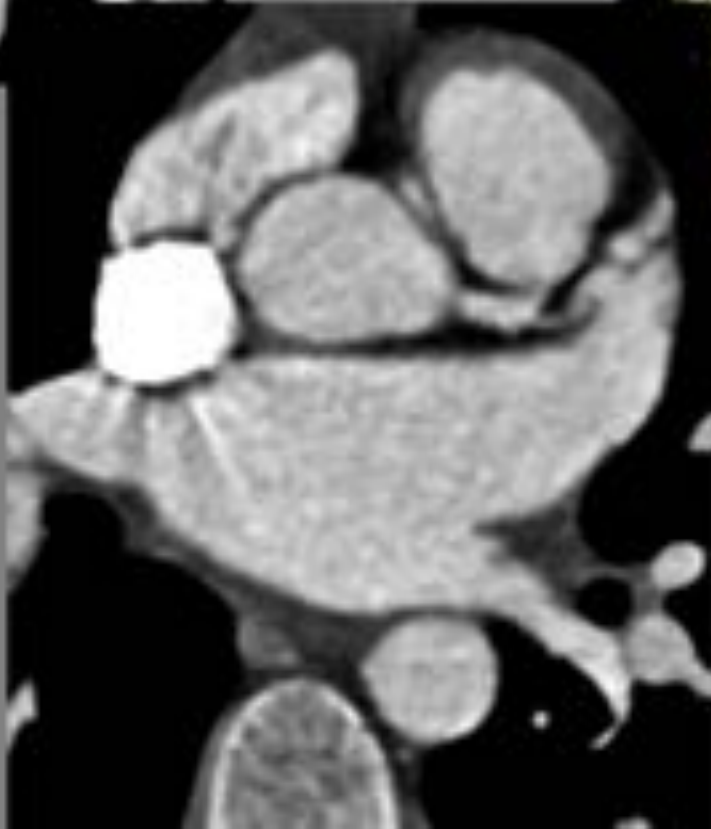
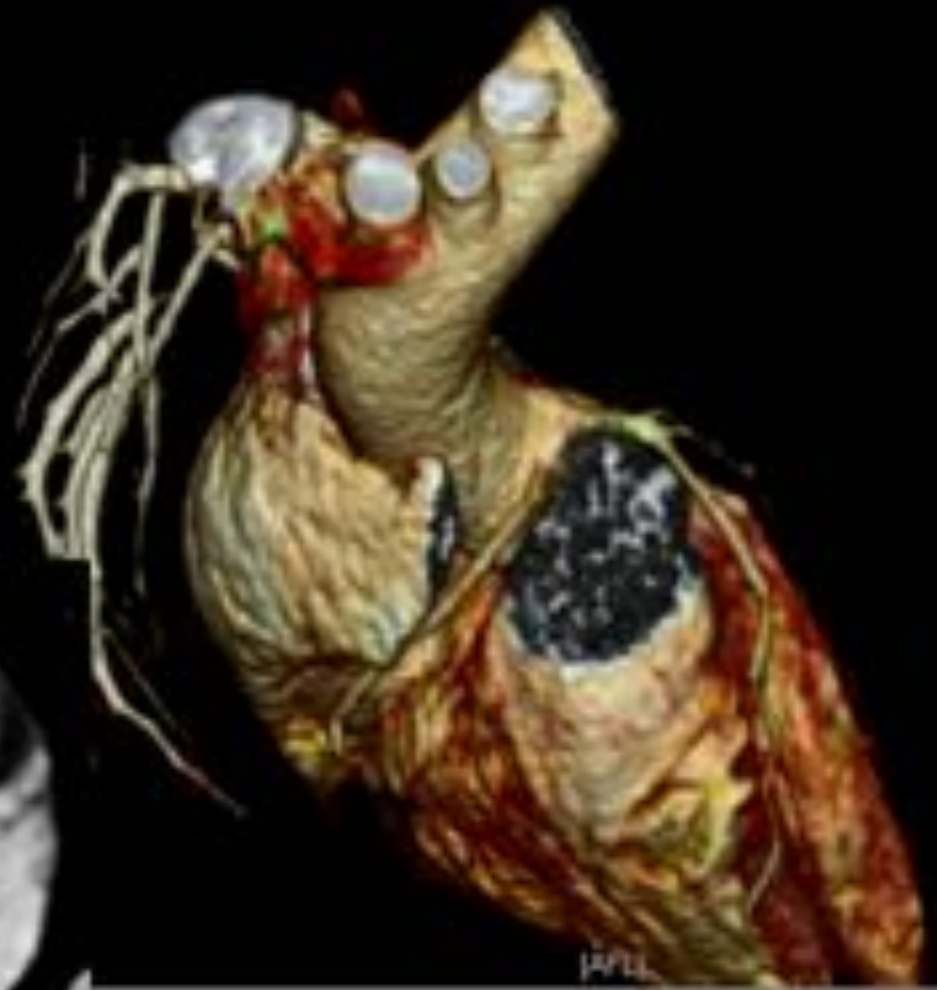
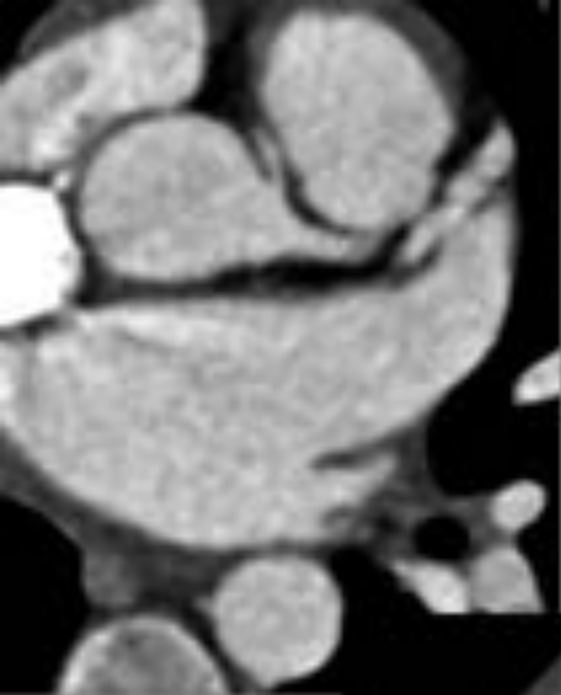


B.

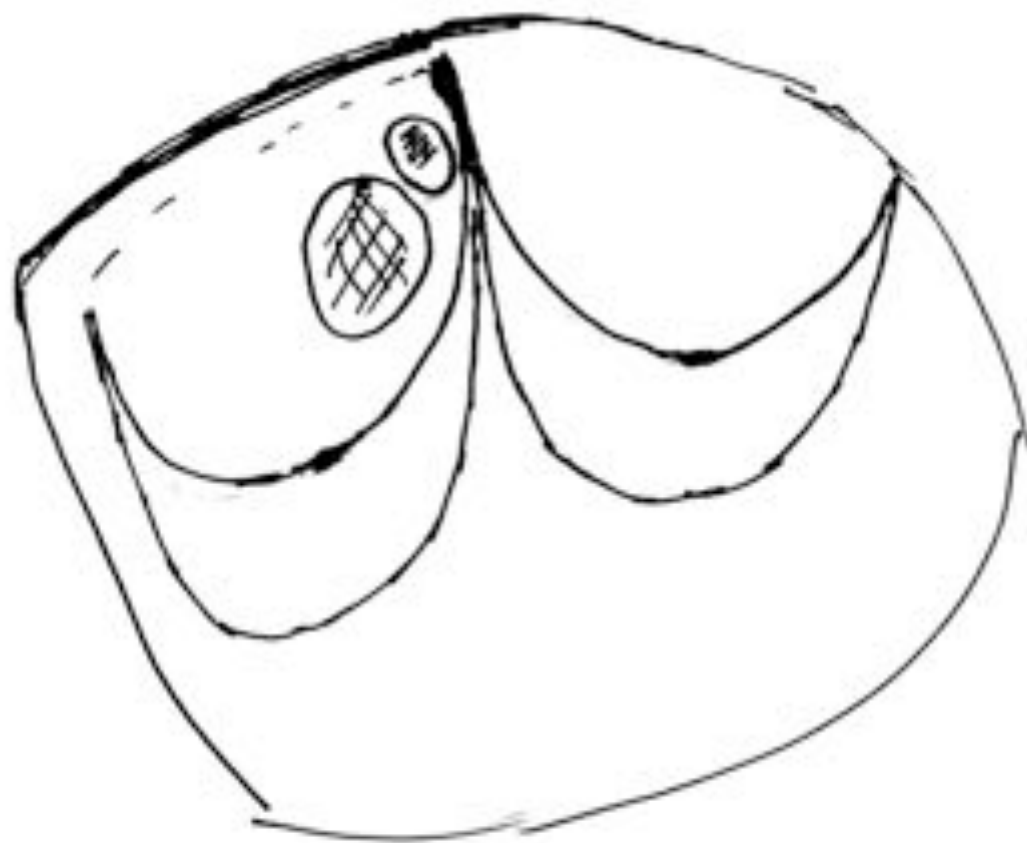


C.

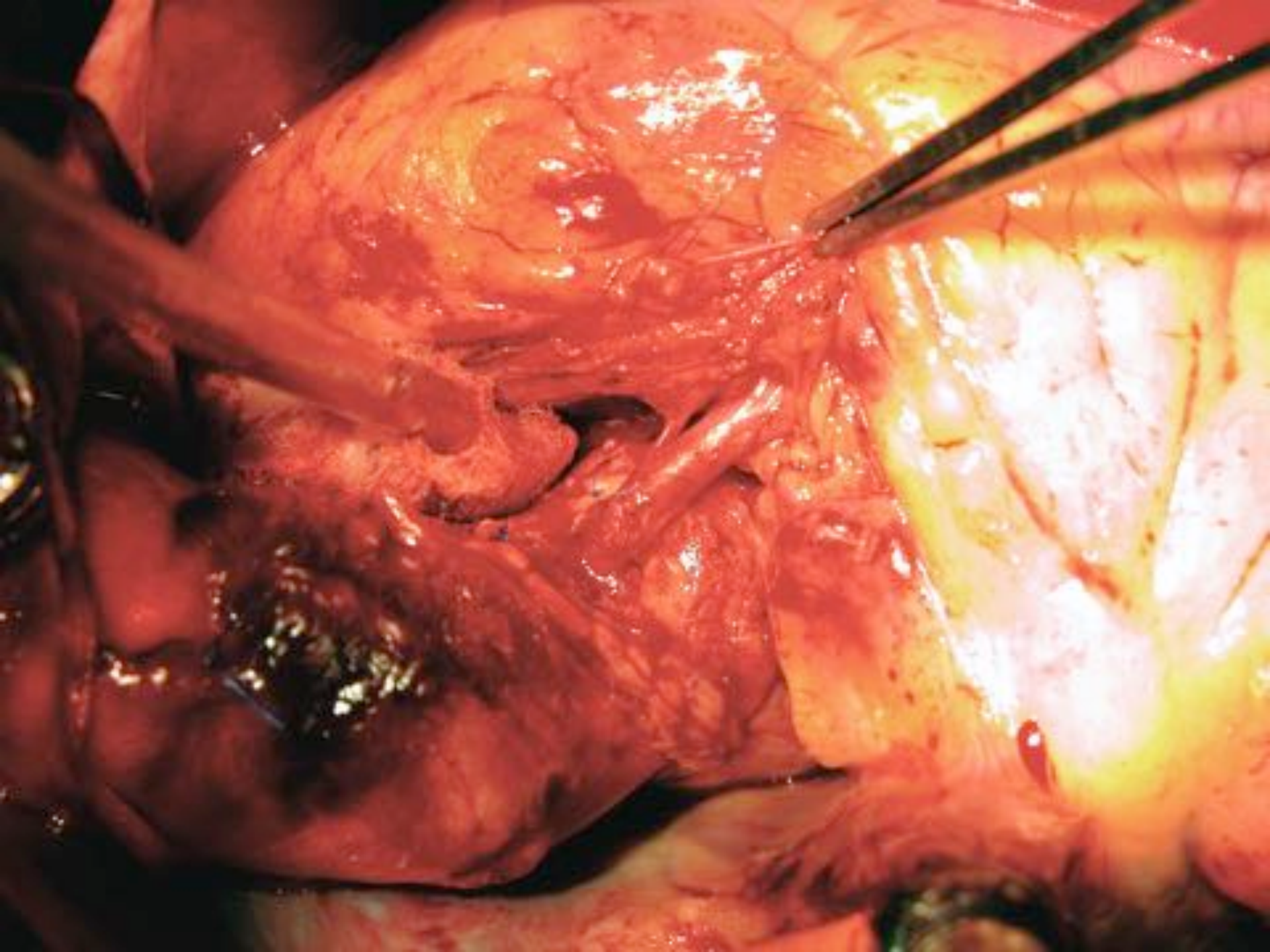




Unroofing impossible

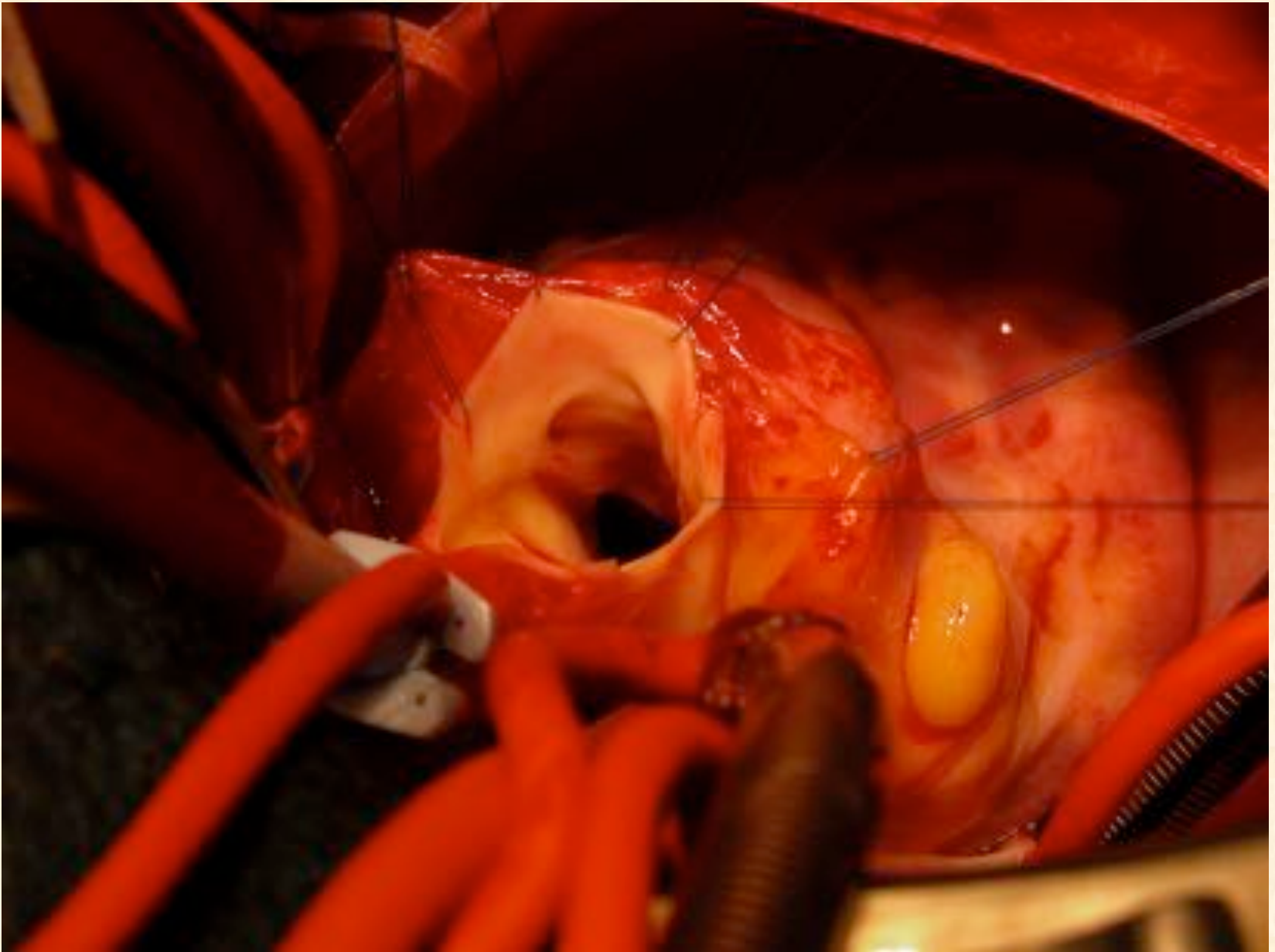


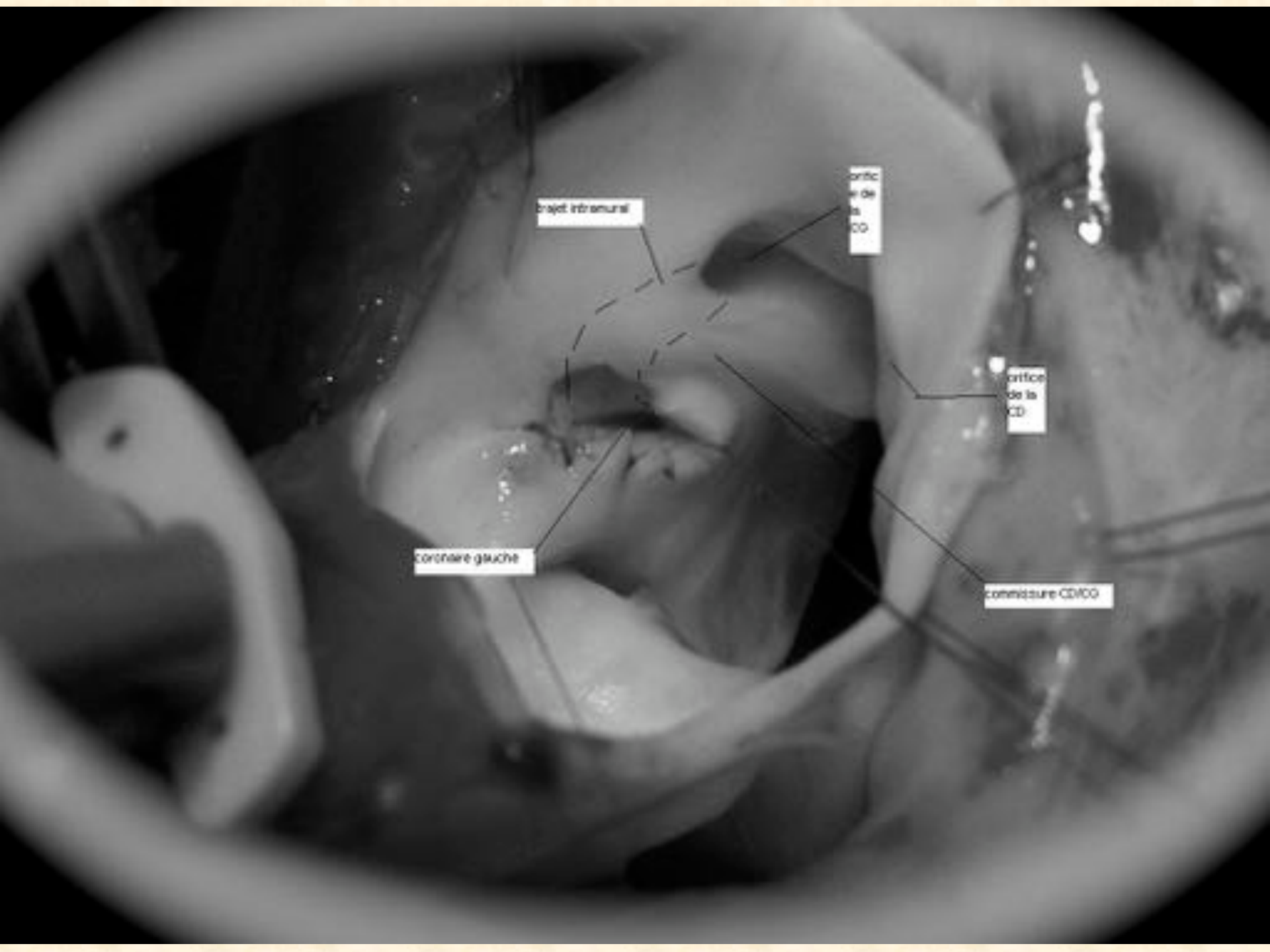




Unroofing possible







bract intramural

orifice de la CO

orifice de la CD

conchaire gauche

commissure CD/CO

Anomalies d'origine et de trajet

Risque de mort subite?
Trajets intra-muraux
Trajets inter aortico-pulm

Coronaire anormale



Coronaire opérée

anti-agrégants...

surveillance sténose

Coronaire gauche anormale naissant de l'artère pulmonaire

(Syndrome de Bland-White-Garland)

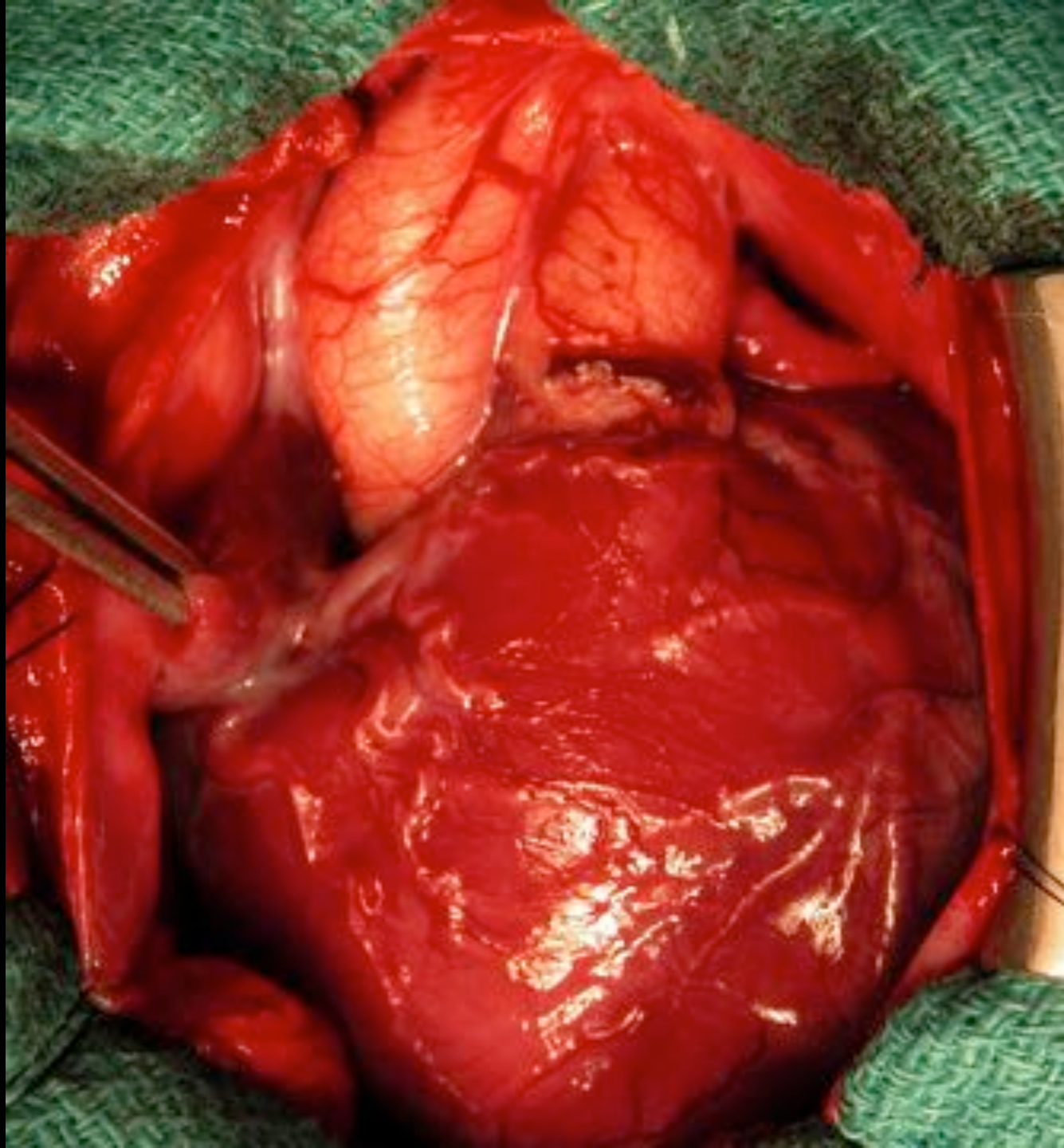
- Rare 1/30 000 naissance
- 90% mortalité dans la première année

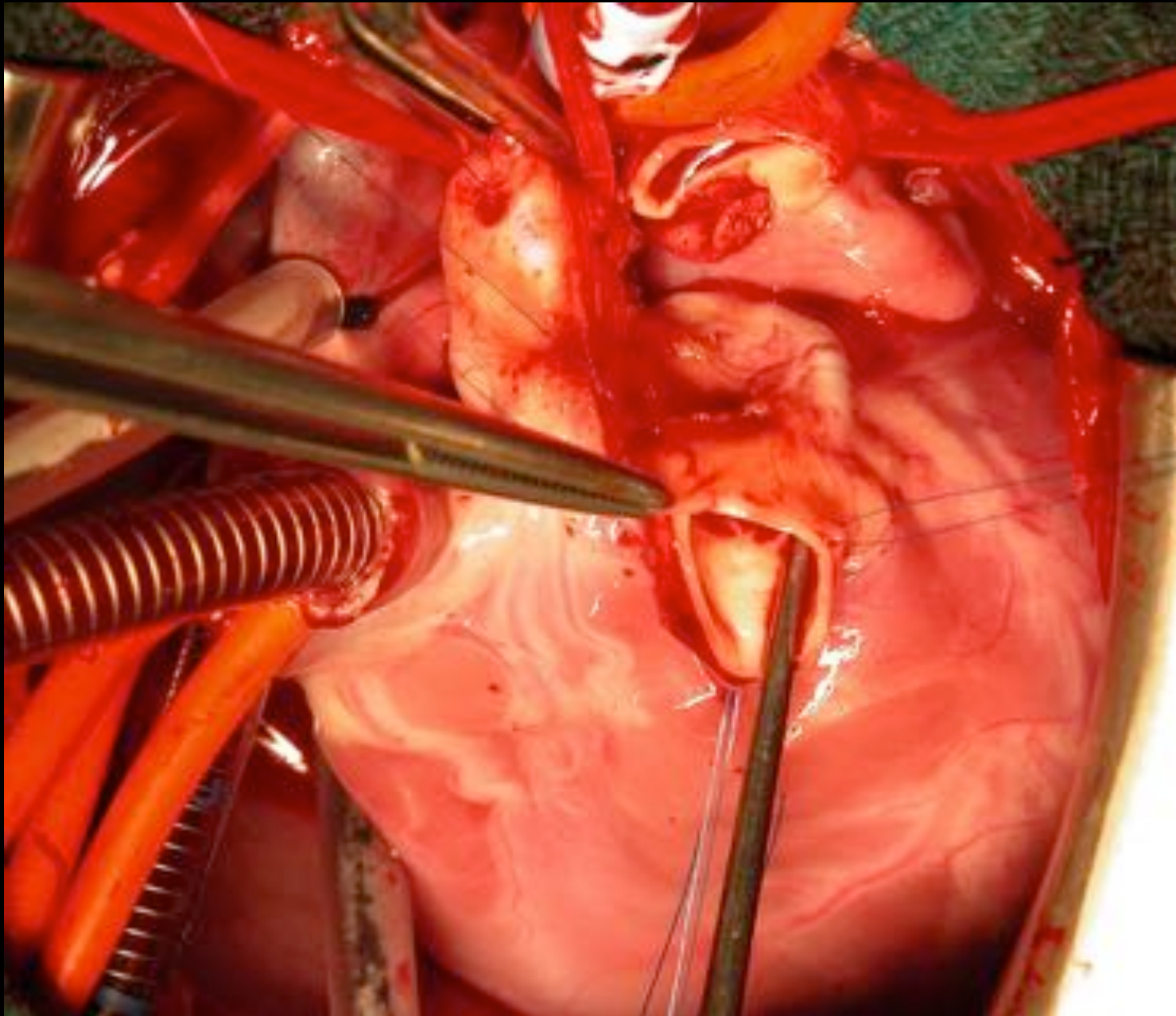


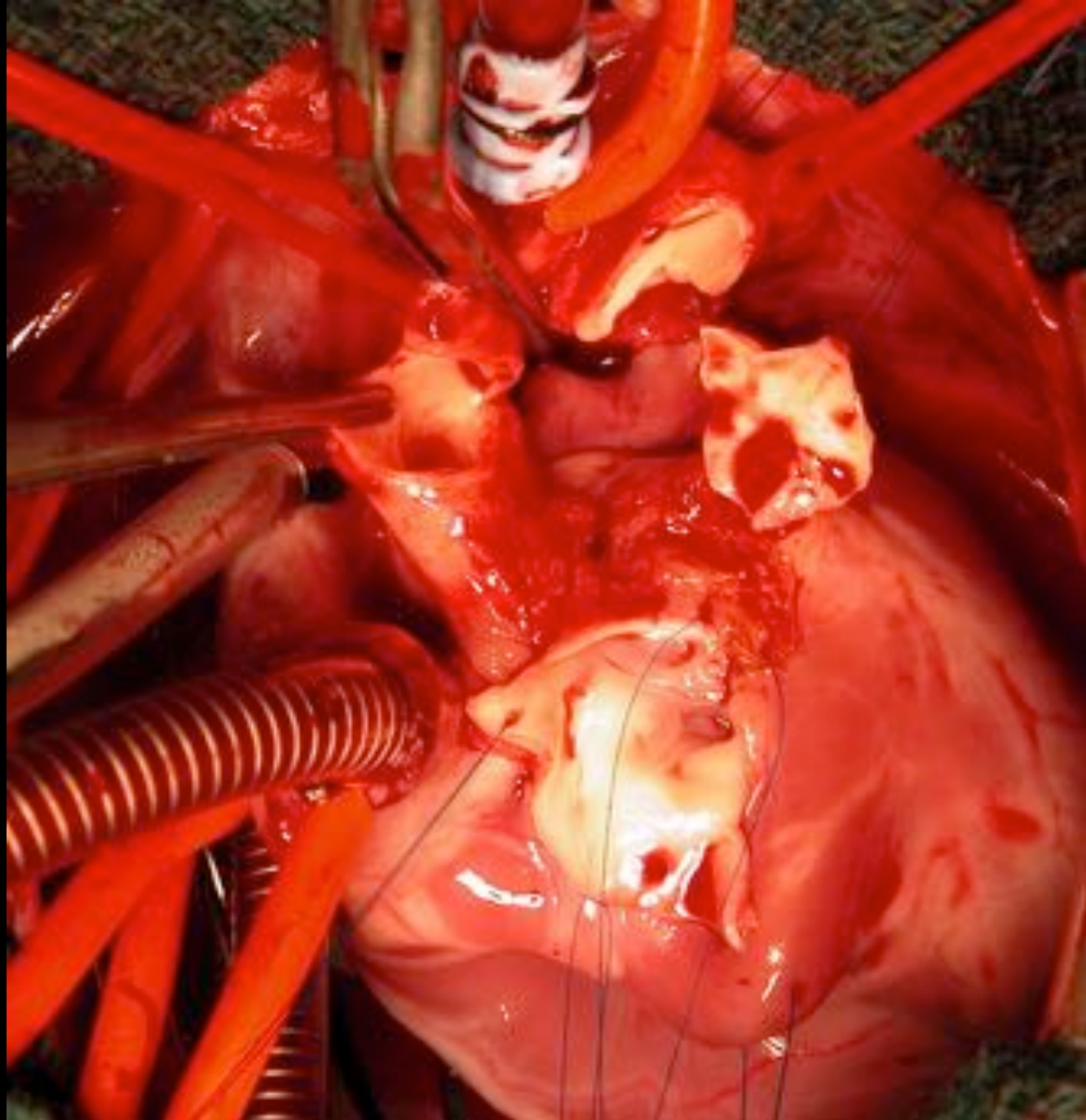
ALCAPA

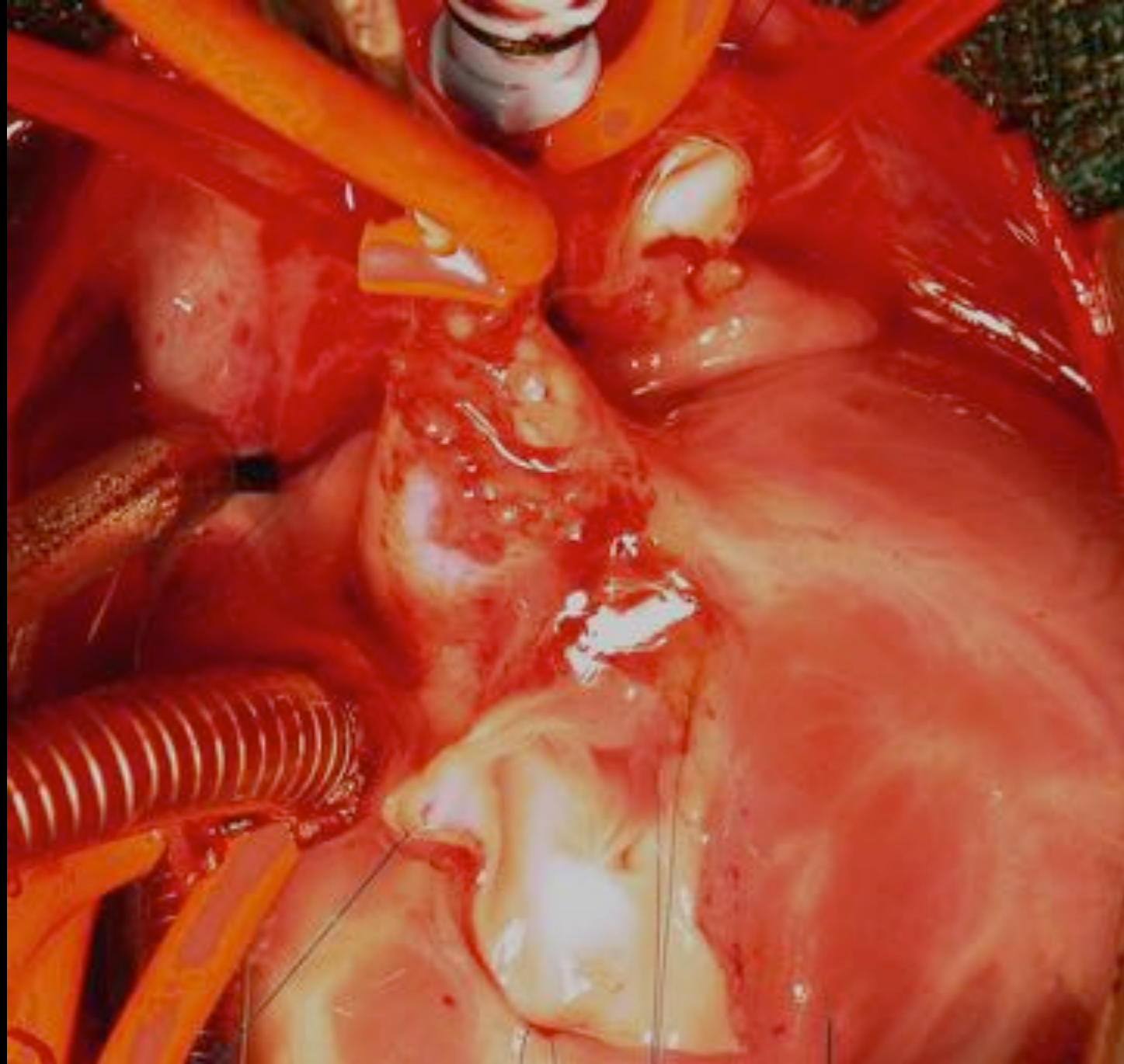
Traitement

- URGENT (forme habituelle)
- Réimplantation aortique directe
- Intervention de Takeuchi
- Ligature: aujourd' hui abandonnée (50% de mortalité)
- Indication d' ECMO?; de plastie mitrale?
- Formes part.: vieilles, ALDAPA, ARCAPA

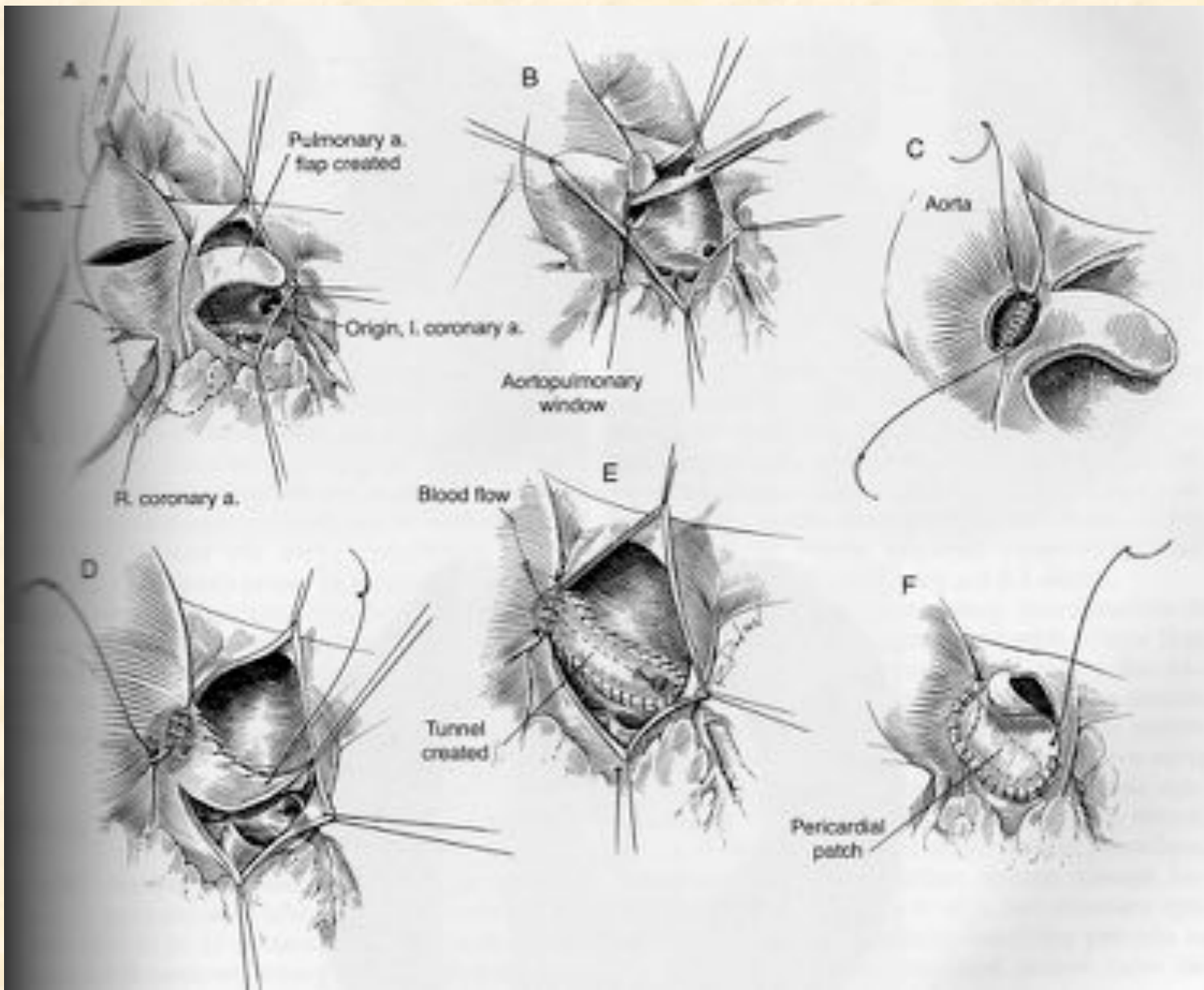






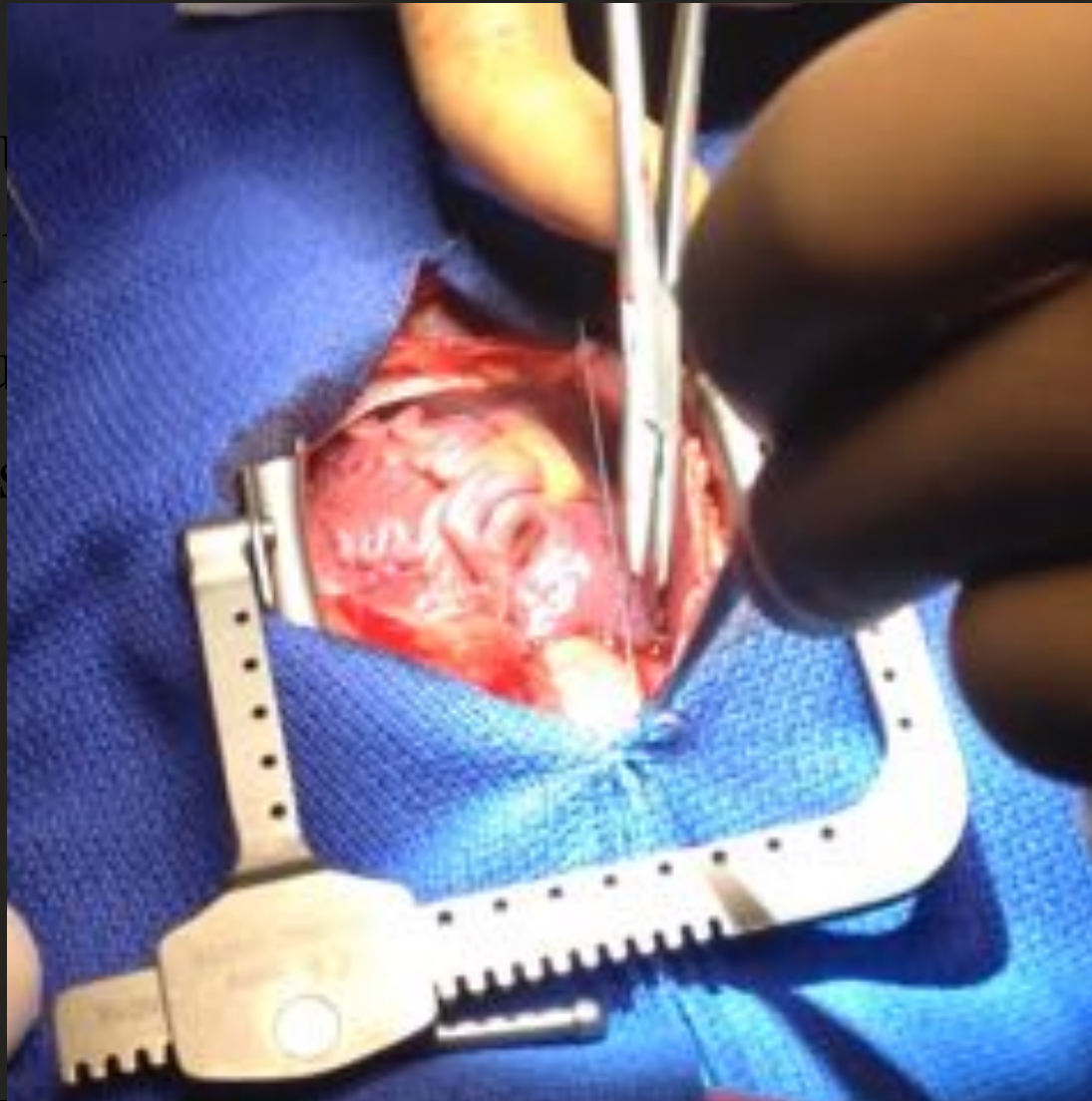


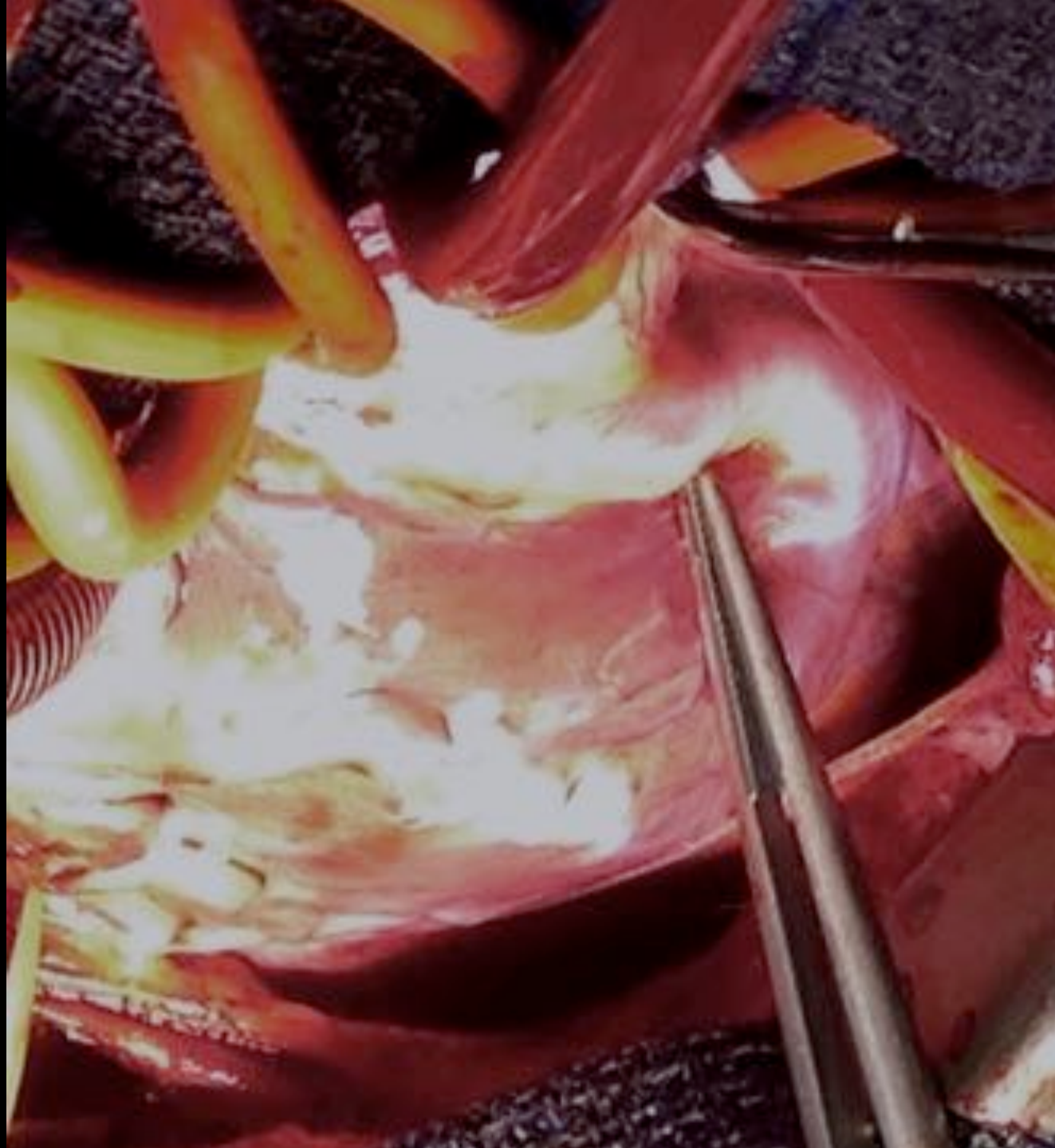
Takeuchi et assimilés

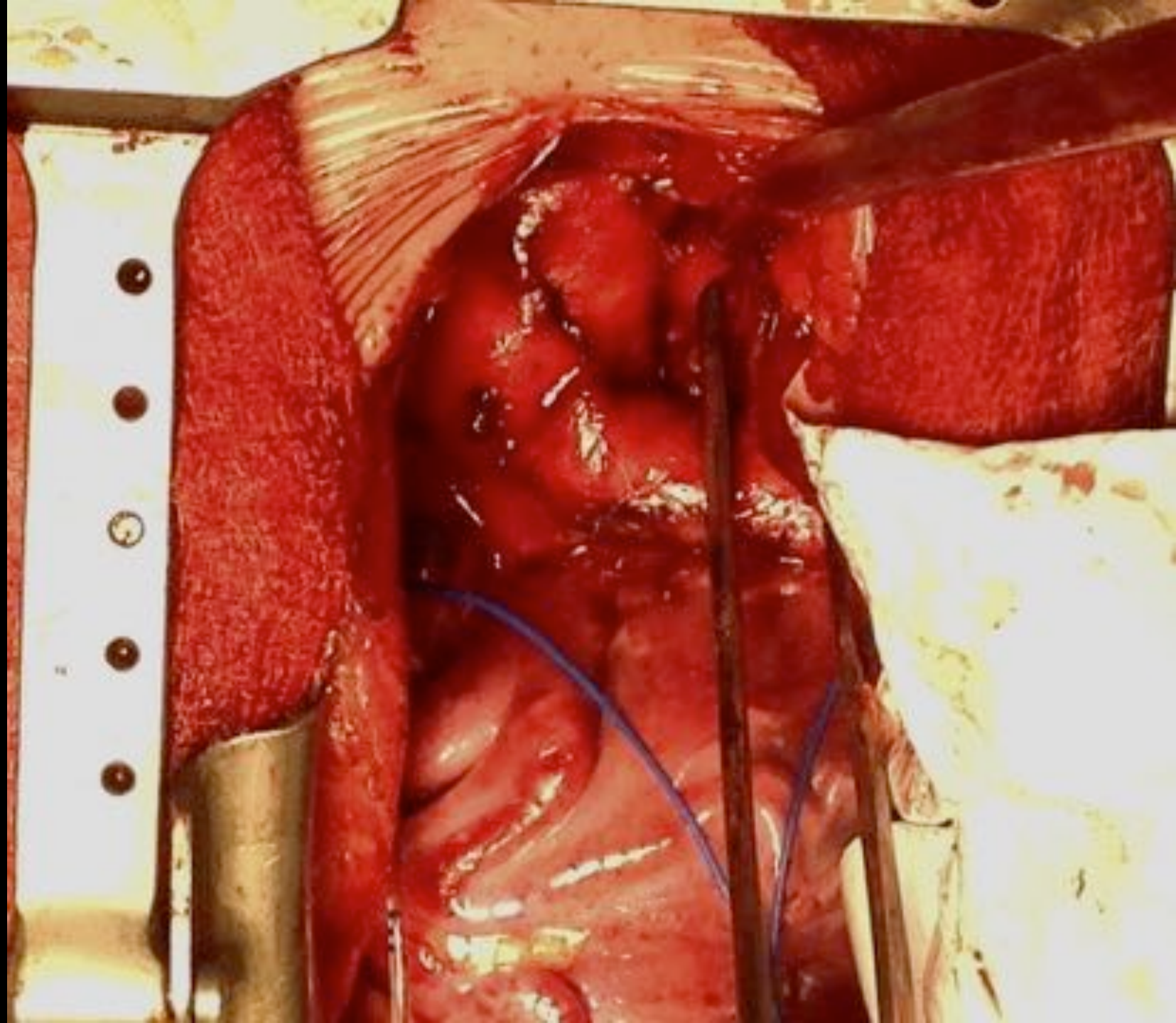


Takeuchi et assimilés

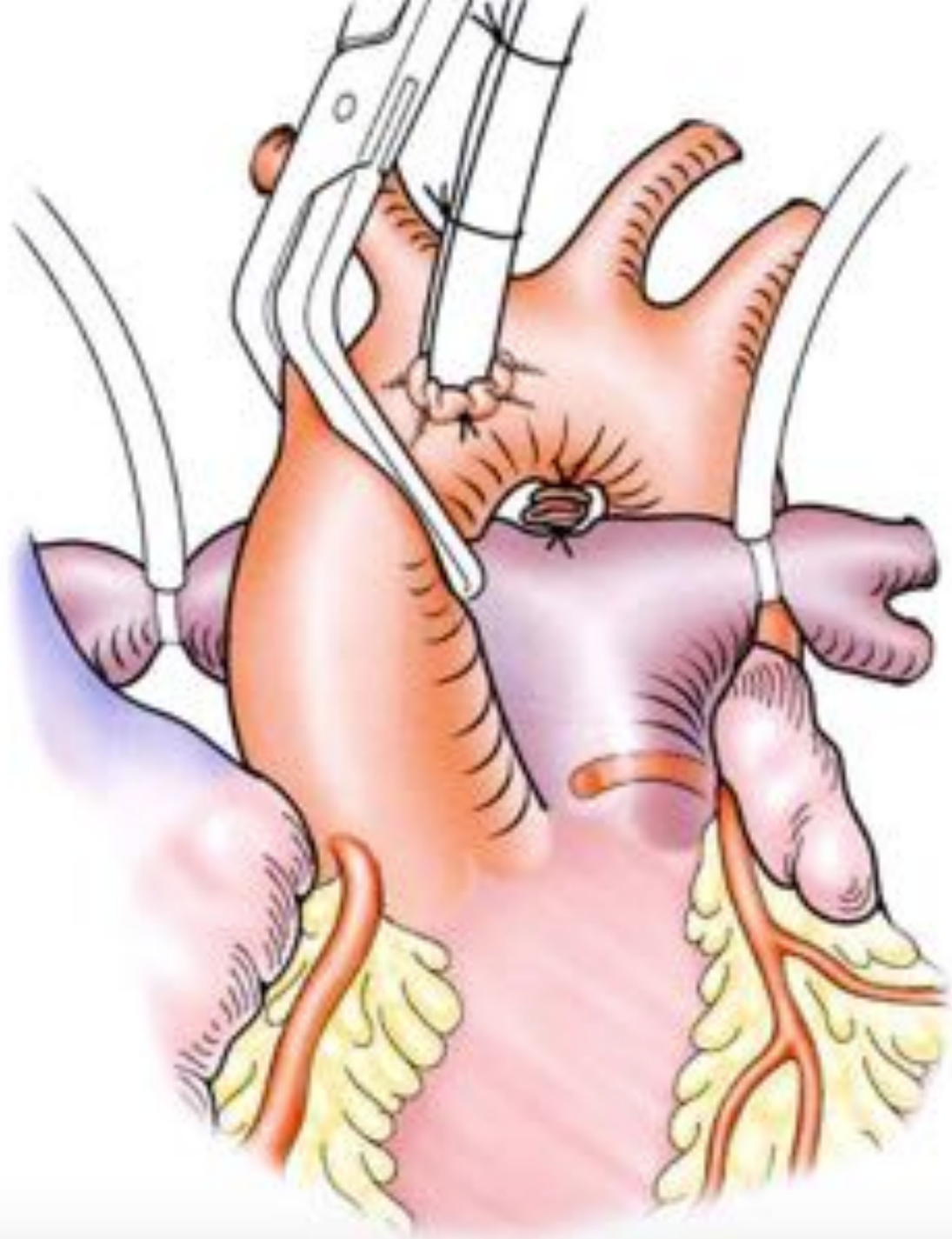
- Risque
 - Sécheresse
 - Augmentation
 - Risque







- Ré
- Ex
-
-
-
-
-

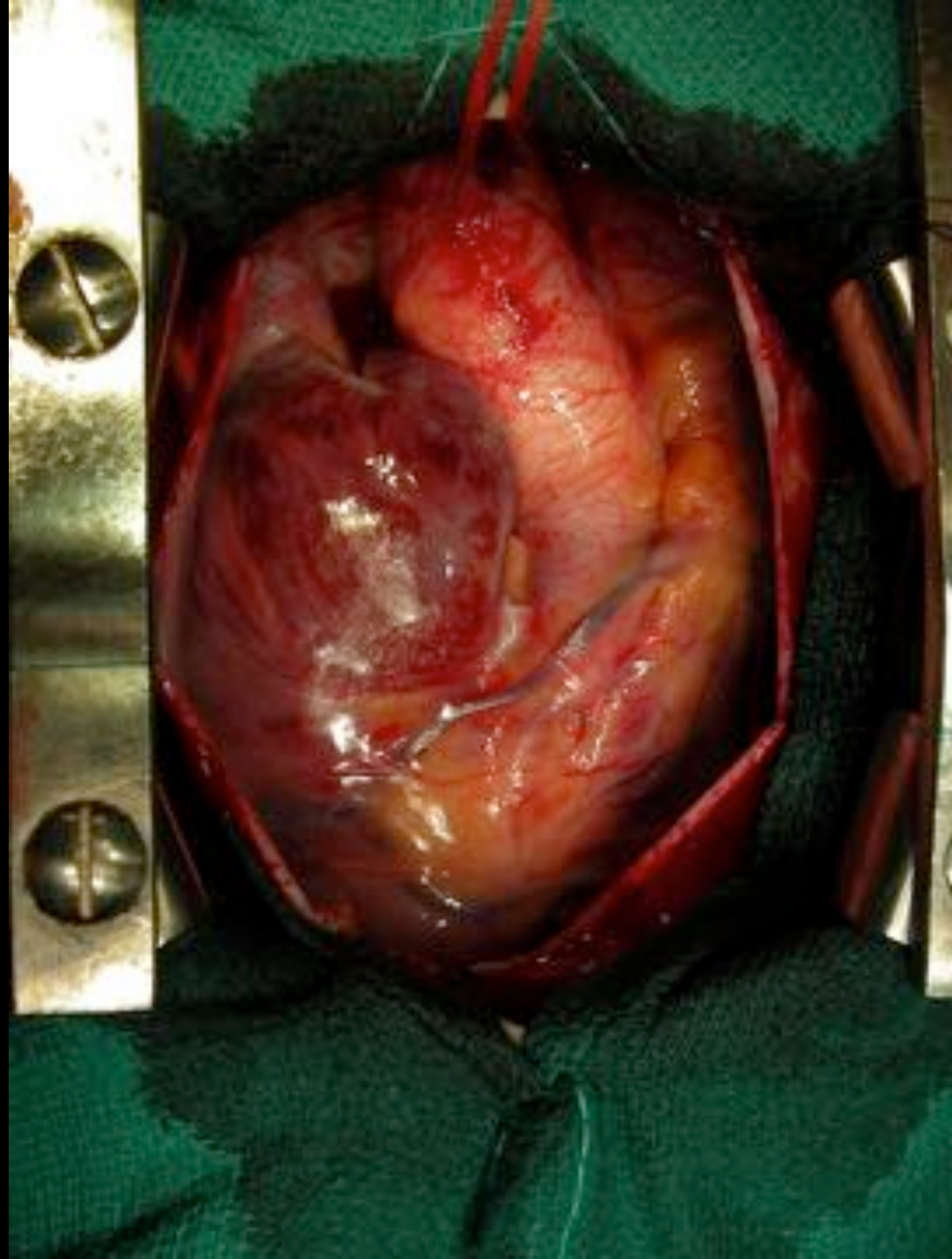


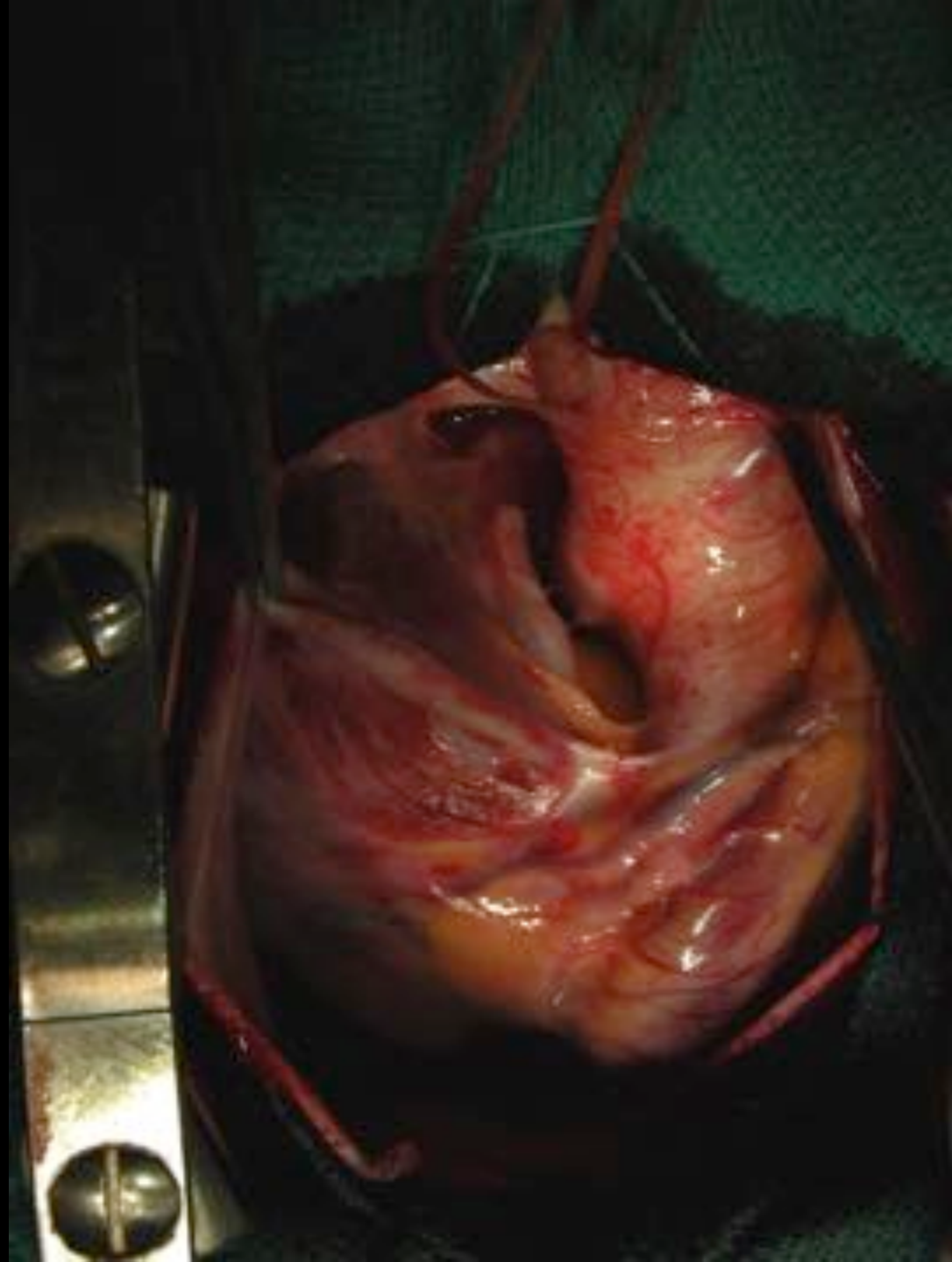
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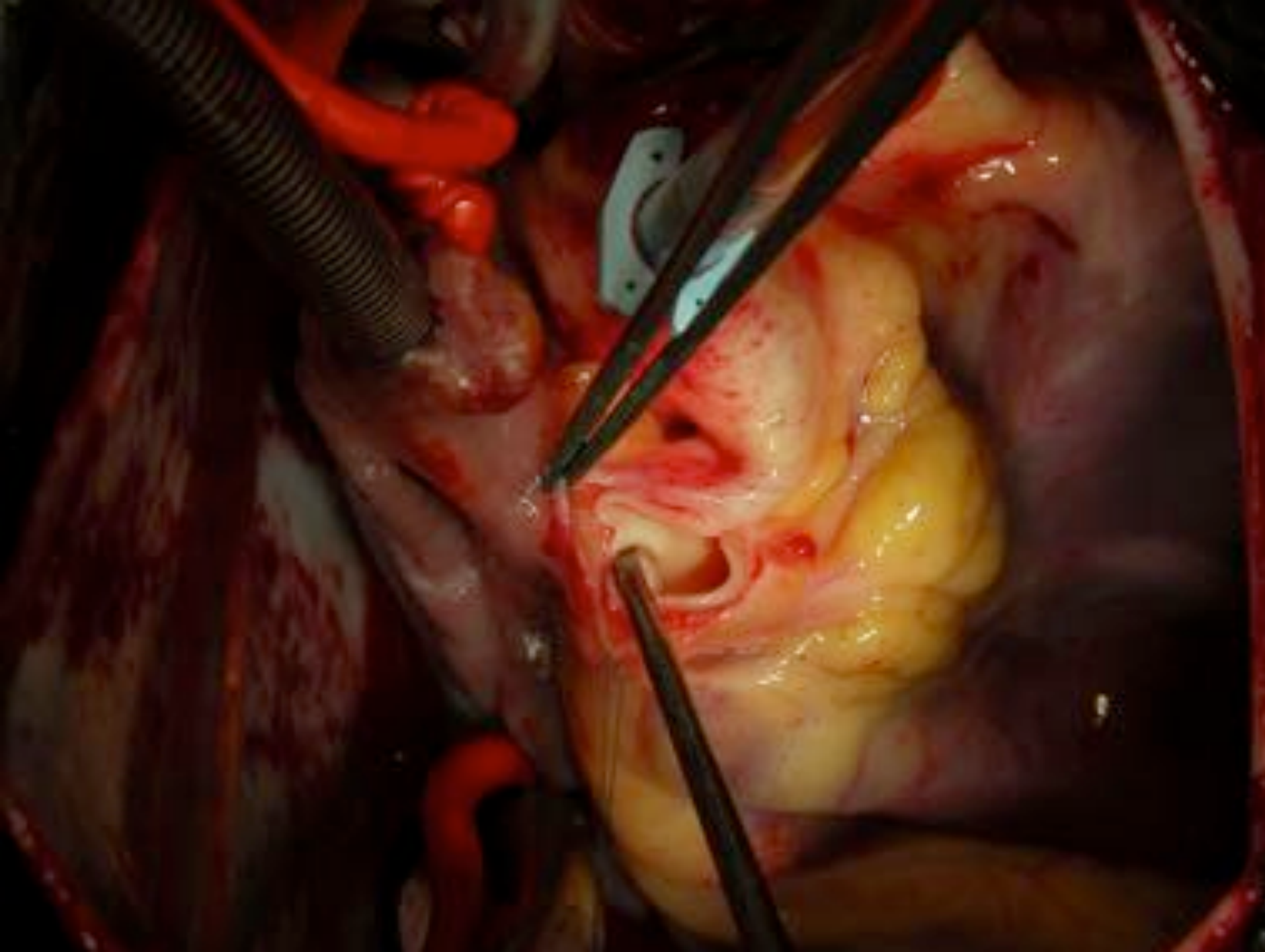


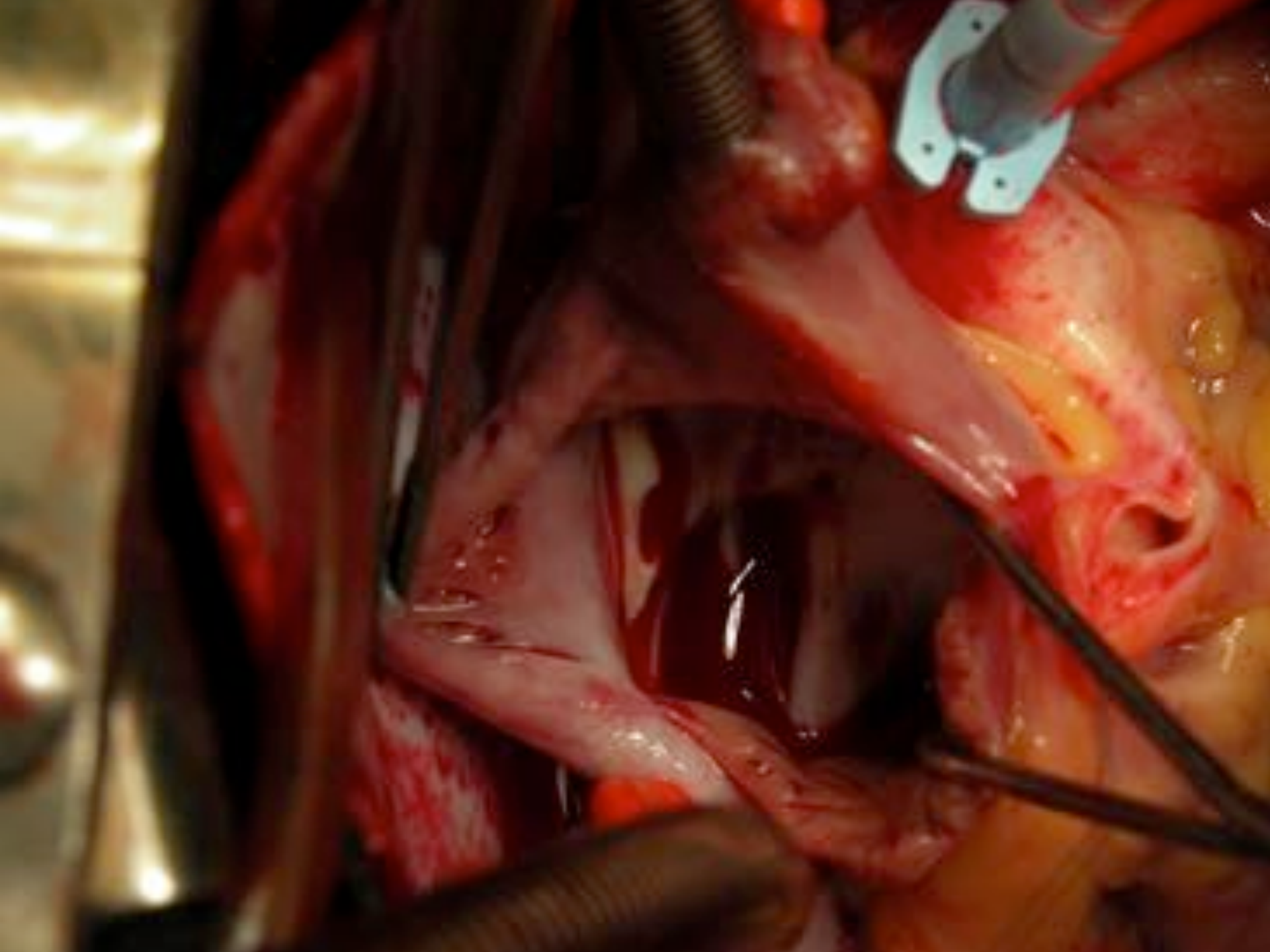
Fistules artério-veineuses coronaires

- Coronaire droite 55%; G 35%, les 2: 5%
- Site de connexion:
 - 90% dans le cœur droit
 - VD 40%
 - OD: 40%
 - AP 20%









Anomalies congénitales des vaisseaux coronaires

Tout est possible !

Indications opératoires parfois évidentes...

Complications immédiates: ischémie/reperfusion

Complications secondaires: coronaires

Modalités de surveillance non consensuelles

B. Kreitmann