

LE TMVI EN PRATIQUE

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DÉCLARATION DE LIENS AVEC L'INDUSTRIE

Nicolas Dumonteil

Au cours des 24 derniers mois, j'ai perçu des honoraires en tant que consultant ou pour un travail de proctoring de la part des compagnies suivantes :

Abbott, Boston Scientific, Edwards Lifesciences, Medtronic

Ce dont nous allons parler ...



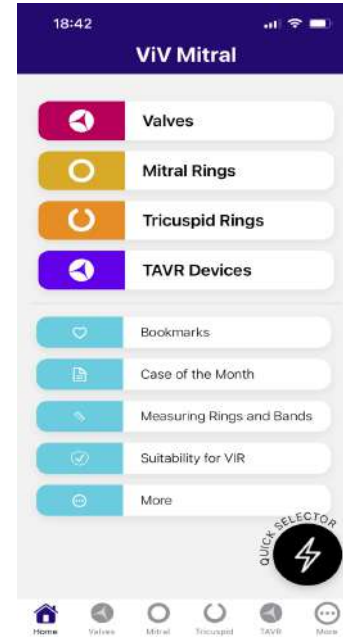
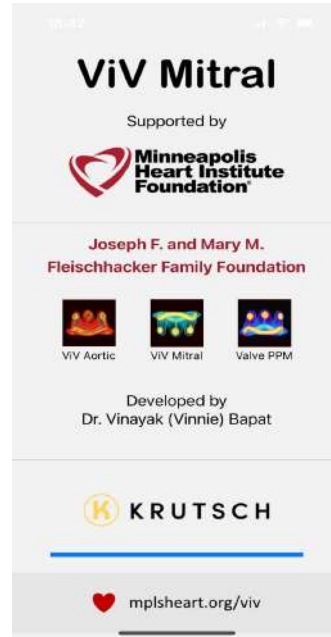
Valve in Valve Mitrale > Valve in Ring > Valve in MAC

La planification ...

La technique ...

La planification...

1. Dimensions prothèse dégénérée / prothèse à implanter ?



La planification...

1. Dimensions prothèse dégénérée / prothèse à implanter ?

SCANNER = MESURE DU DIAMETRE INTERNE (TRUE ID)

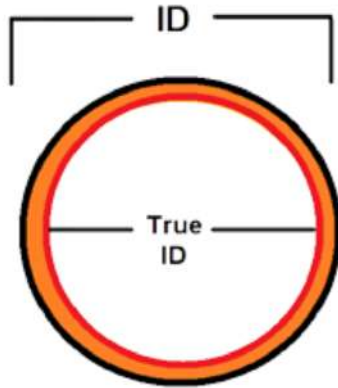


La planification...

1. Dimensions prothèse dégénérée / prothèse à implanter ?

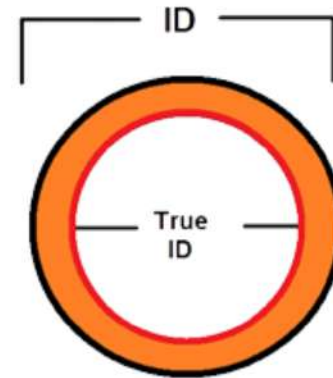
SCANNER = MESURE DU DIAMETRE INTERNE (TRUE ID)

Pericardial Valves with Leaflets Inside the Stent



True ID = Stent ID - 1mm

Porcine Valves



True ID = Stent ID - 2mm

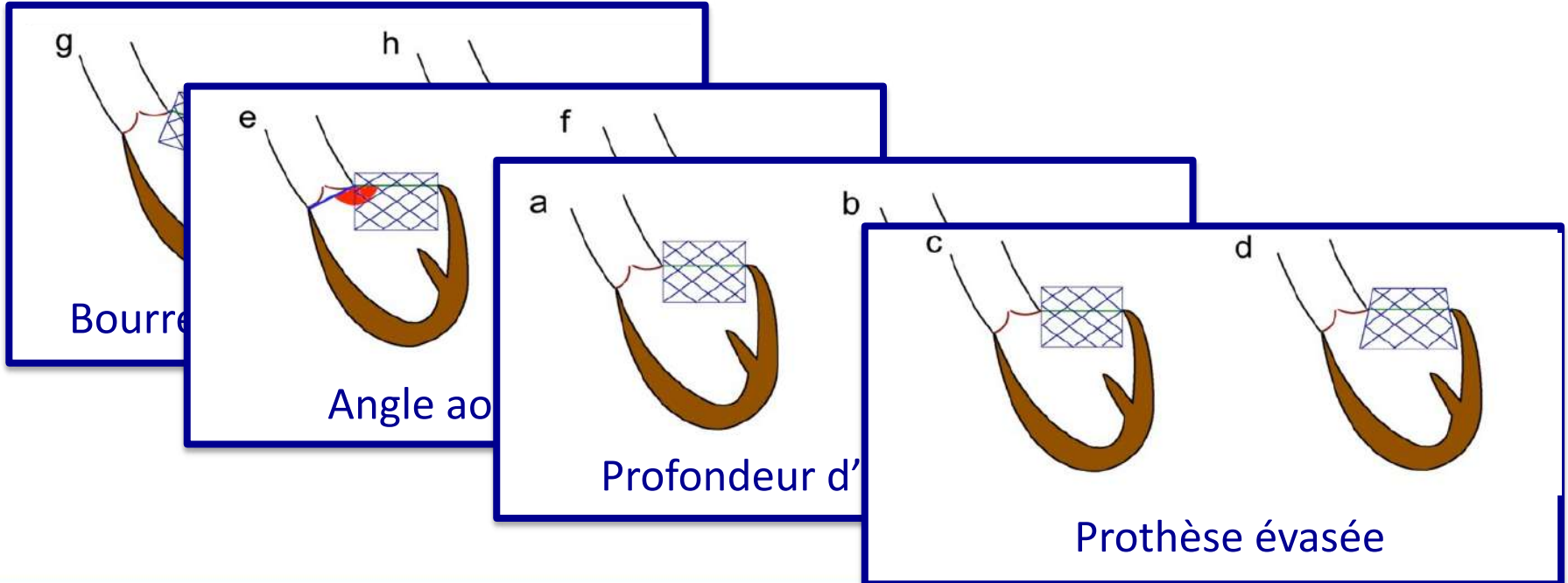
La planification...



2. Risque d'obstruction sous-aortique ?

La planification...

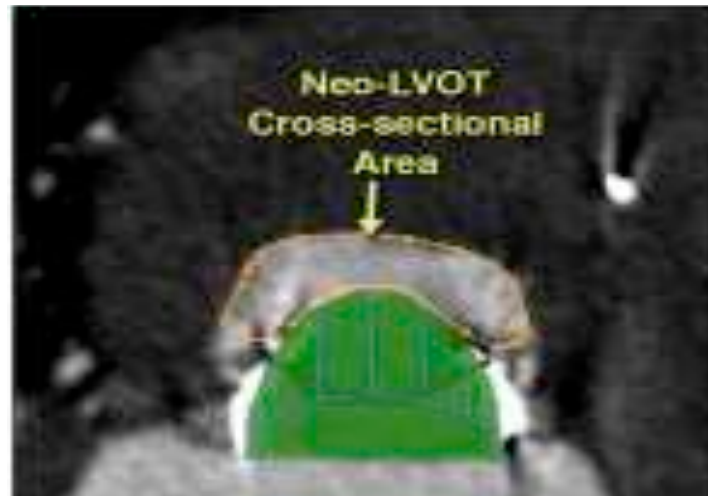
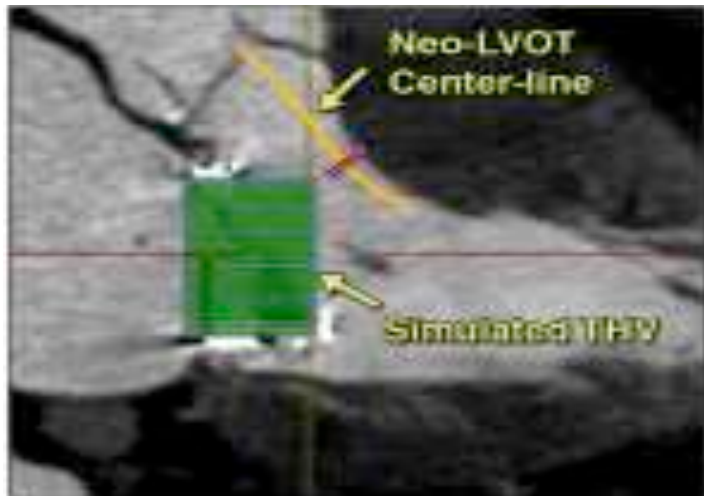
2. Risque d'obstruction sous-aortique ?



La planification...

2. Risque d'obstruction sous-aortique ?

SCANNER

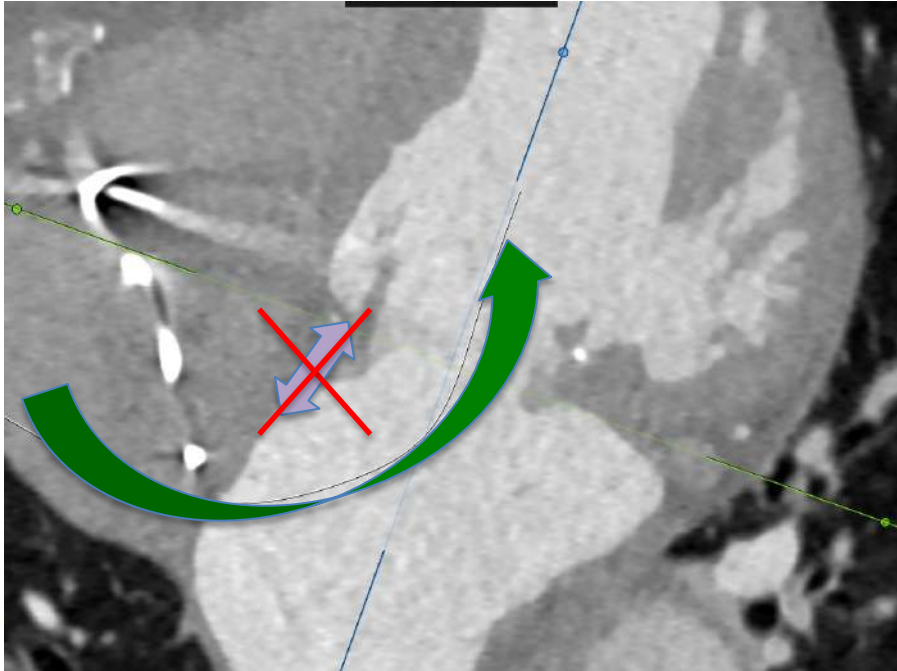


Blanke P et al. *JACC Cardiovasc Imaging*. 2017 Apr;10(4)

La planification...

3. La trajectoire depuis le SIA jusqu'à la prothèse

SCANNER



La technique...



1. Abord veineux fémoral

2. Ponction SIA

3. Franchissement prothèse mitrale / mise en place guide rigide VG

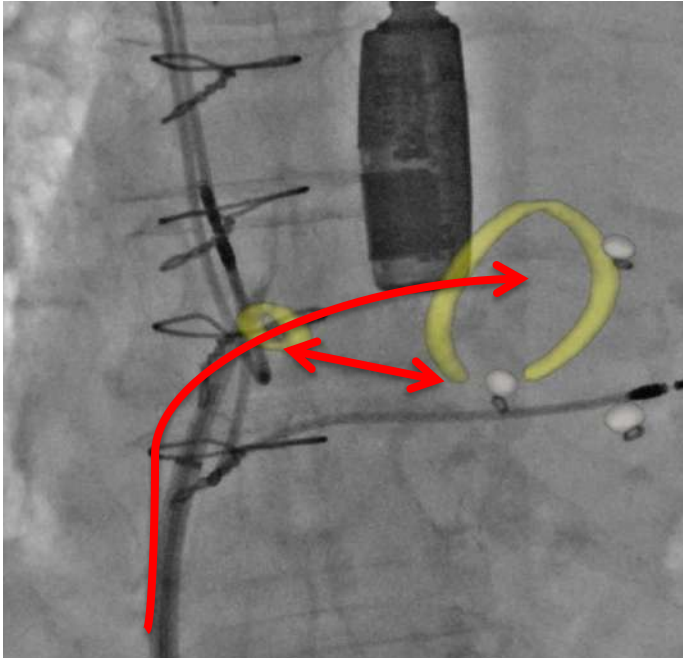
4. Prédilatation SIA

5. Positionnement

6. Déploiement

La technique...

2. Ponction SIA



Incidence Bi-Cave



Postérieur

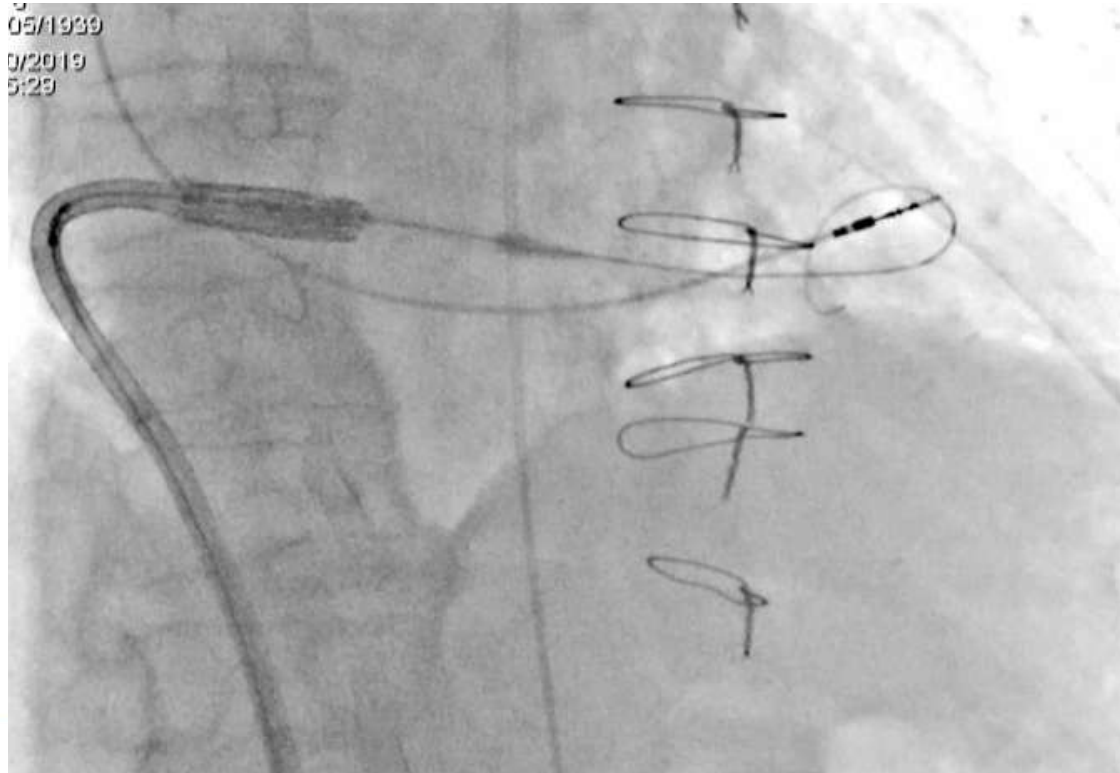


Inférieur

Incidence Court-Axe

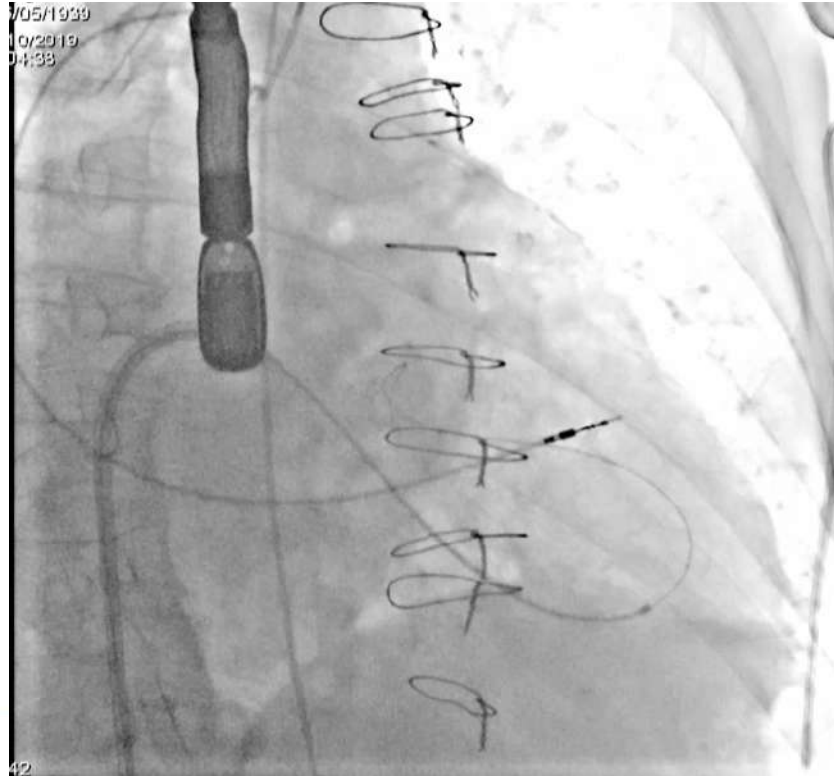
La technique...

2. Ponction SIA



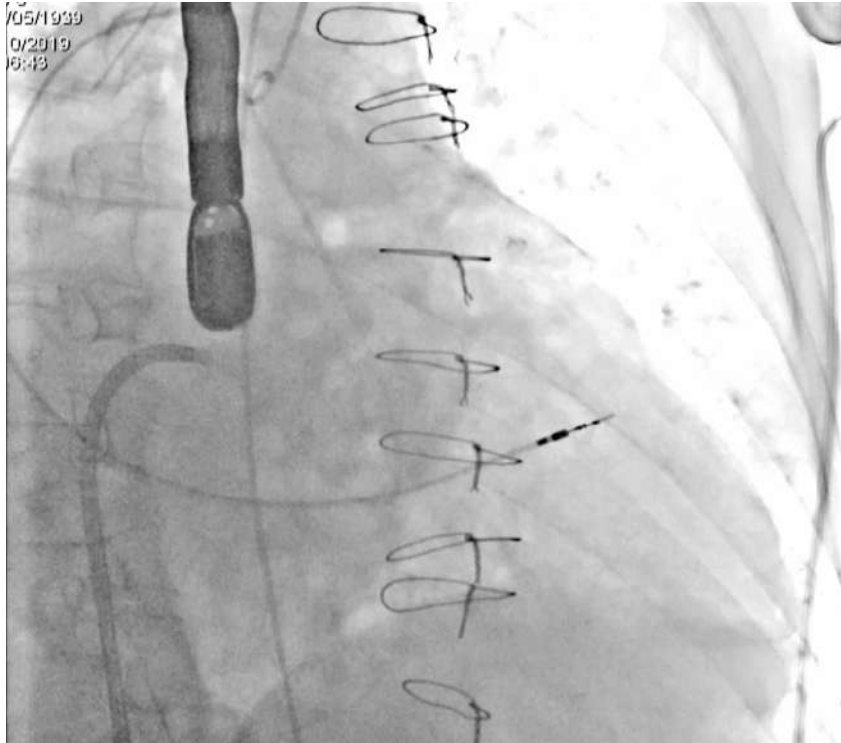
La technique...

3. Franchissement prothèse mitrale / mise en place guide rigide VG



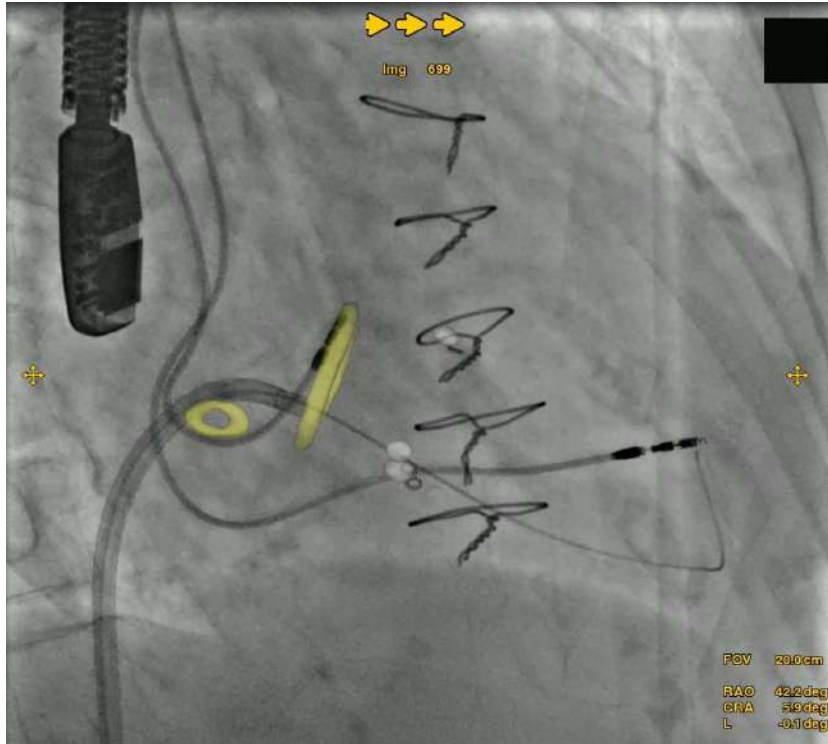
La technique...

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La technique...

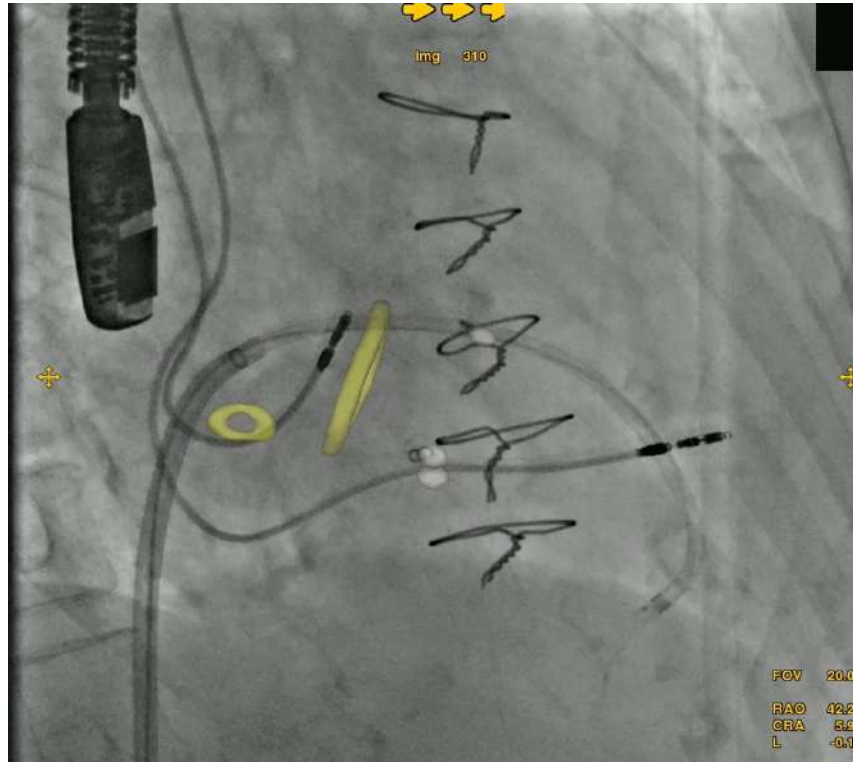
3. Franchissement prothèse mitrale / mise en place guide rigide VG



KT guide JR 4 8 Fr

La technique...

3. Franchissement prothèse mitrale / mise en place guide rigide VG

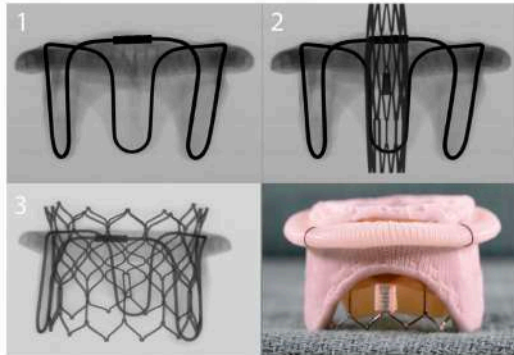


La technique...

5. Positionnement

Sapien 3 Ideal Placement

Central marker on S3 placed few mm ventricular to the atrial end of the stent frame. Other option is to align the ventricular portion of S3 and CE Standard



Video Guidance

Sapien 3 Placement Video

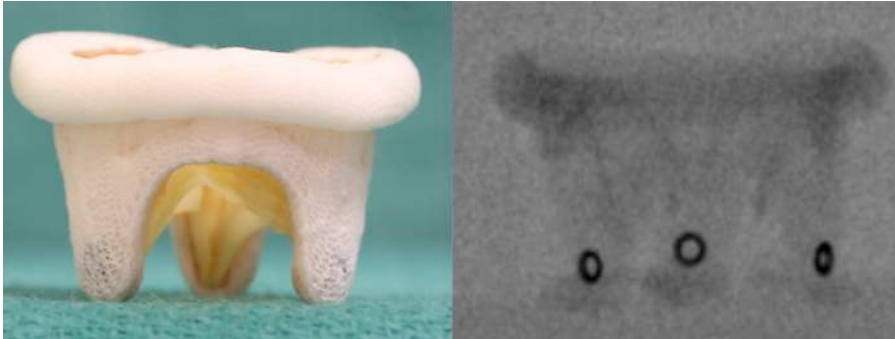


Pas trop atriale:
 $\leq 2 / 3\text{mm}$ sur le versant atrial de l'anneau

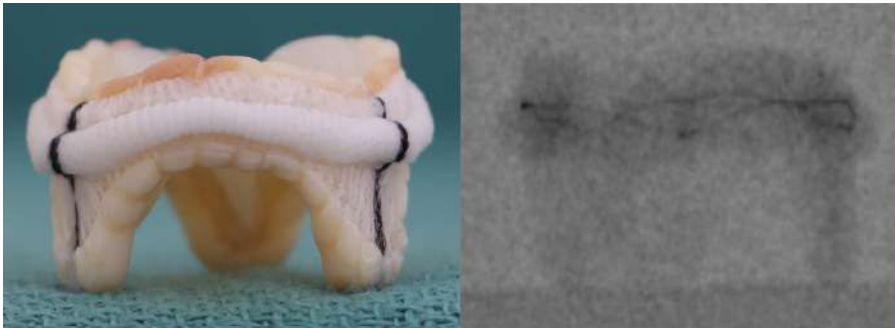
Eviter une migration atriale secondaire

La technique...

5. Positionnement



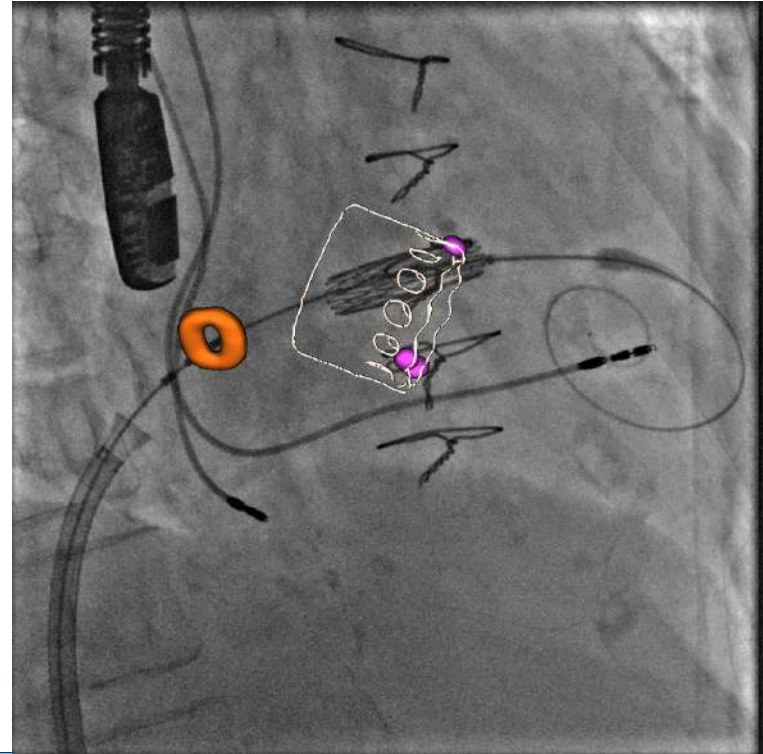
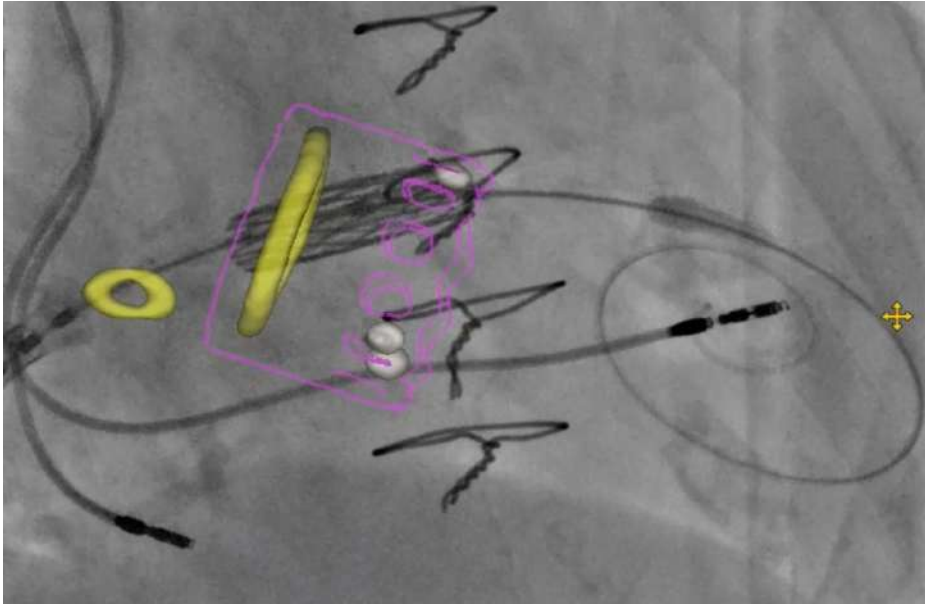
MOSAIC



BIOCOR - EPIC

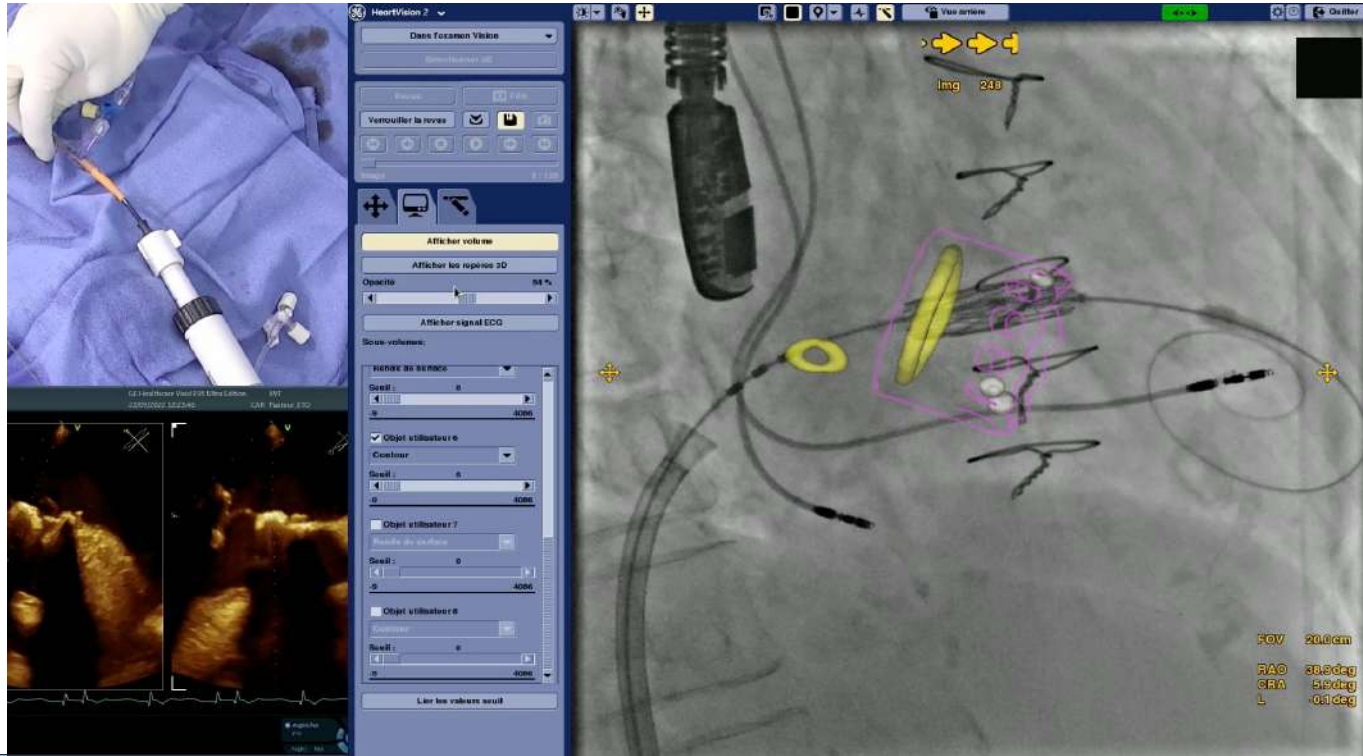
La technique...

5. Positionnement



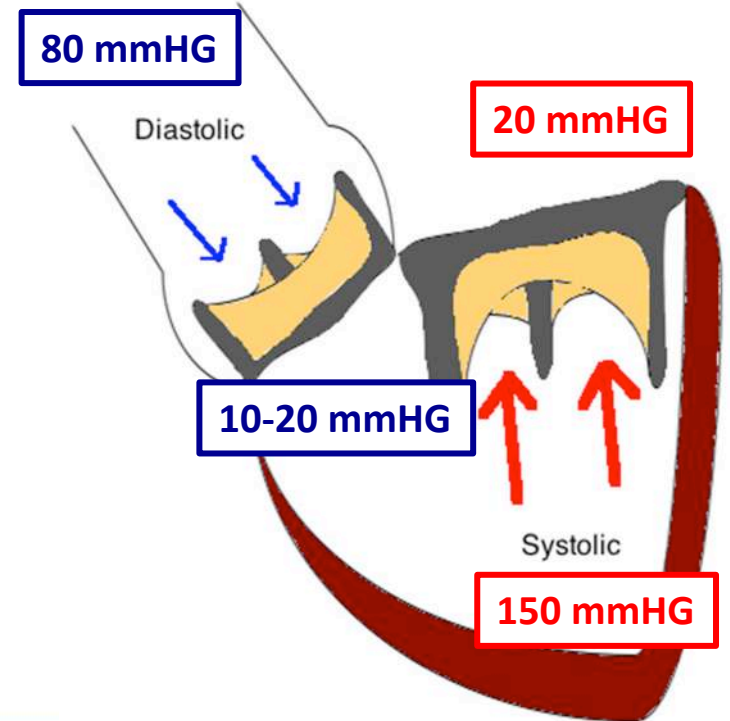
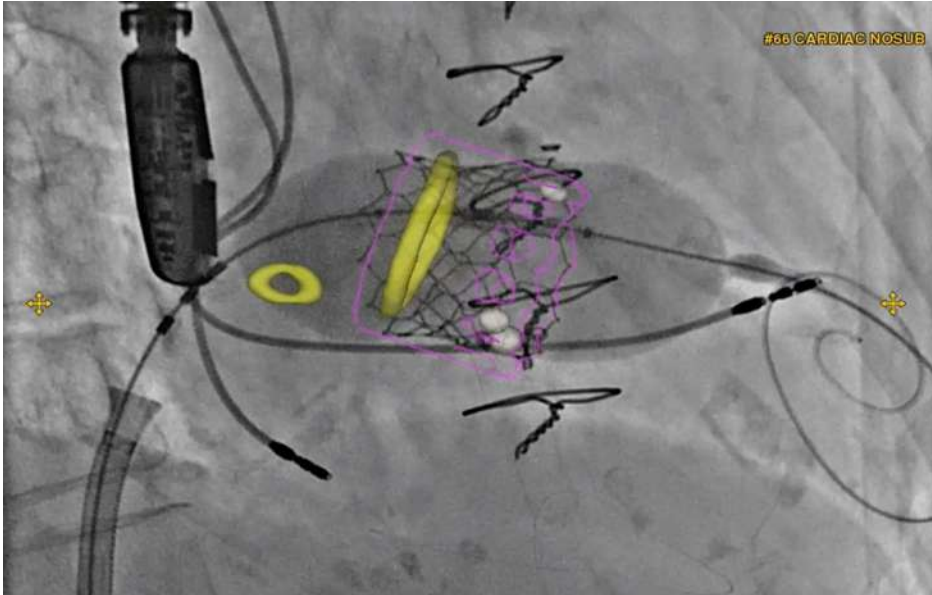
La technique...

5. Déploiement



La technique...

5. Post-dilatation systématique



Pour finir...



	FRACTURABLE	REMODELABLE	NON FRACTURABLE
BIOCOR-EPIC	X		
BIOCOR-EPIC PLUS	X		
CE MAGNA 7300 TFX	X		
CE Perimount 6900p-6900 PTFX	X		
CE SAV PORCINE 6650	X		
CE Standard Porcine 6625		X	
HANCOCK II			X
MOSAIC	X		
PERICARBON MORE			X

Pour finir...

CENTRAL ILLUSTRATION: 2-Year Outcomes of Balloon Expandable Transcatheter Mitral Valve Replacement in the MITRAL Trial

