

MISE AU POINT SUR L'ABLATION DES TACHYCARDIES DE L'OREILLETTE GAUCHE

CAS CLINIQUES
J.-P. ALBENQUE

PROGRAMME ATELIER DU RETAC

PROGRAMME
18^{es} Journées de Rythmologie 2017

Groupe de Rythmologie et de Stimulation Cardiaque de la Société Française de Cardiologie

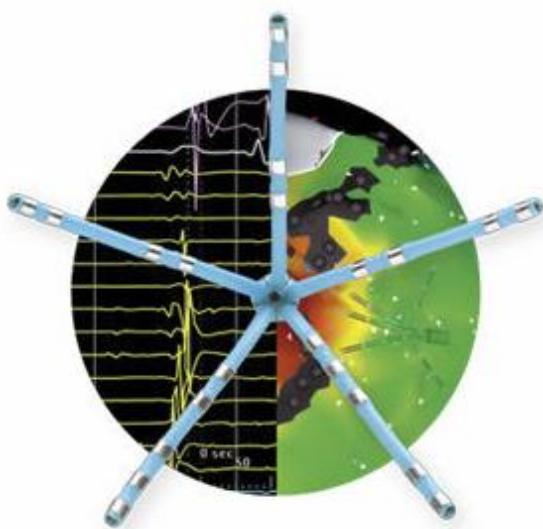
Palais des Congrès
Cité du Pape



RETAC
European Heart Rhythm Association
Société Française de Cardiologie
www.congres-rythmo.com

Système de Cartographie

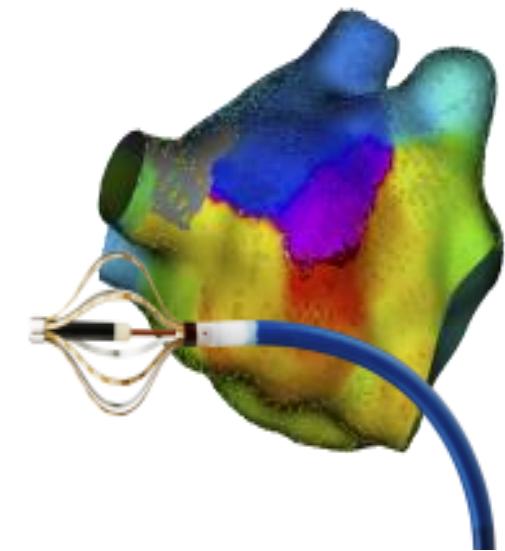
CARTO 3



Ensite Precision

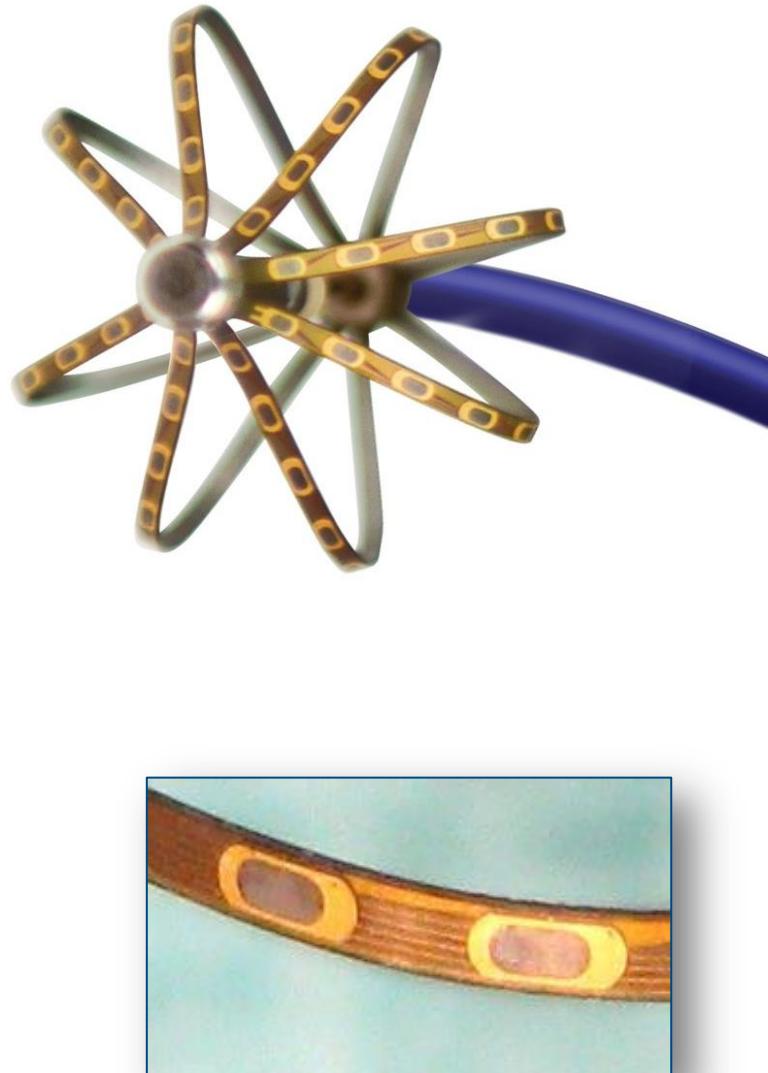


Rhythmia



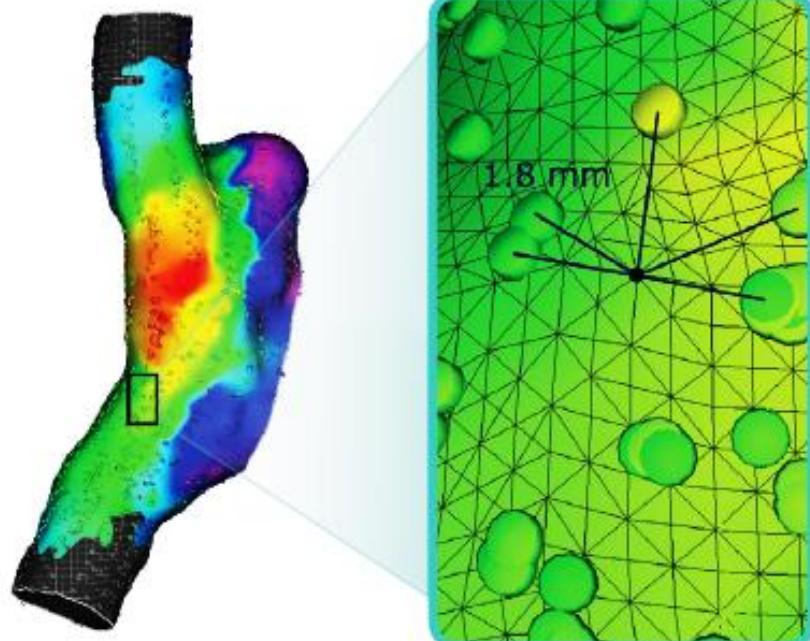
Cathéter de Mapping Haute Résolution

- Courbure bi-directionnelle
- Diamètre variable (3-22mm)
- 8.5F (2.8 mm)
- 64 électrodes
- Espacements inter-électrodes 2.5 mm
- 8 branches souples et flexibles
- Localisation magnétique
- Système d'irrigation



Intérêt du mapping à Ultra Haute Définition (UHD)

- Compréhension des mécanismes
- Définition de la stratégie d'ablation
- Anticipation thérapeutique



Compréhension des mécanismes

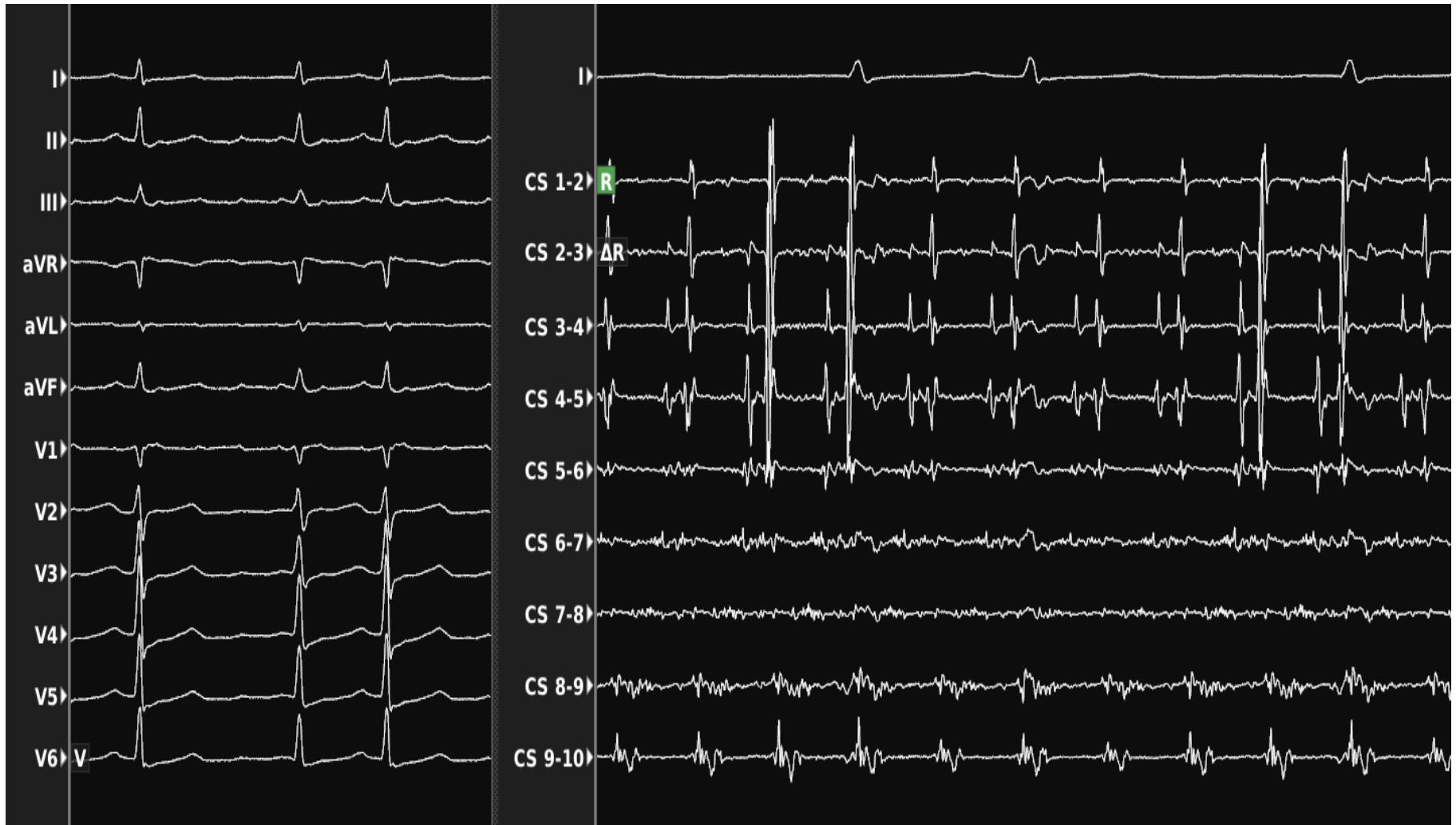
1

Histoire patient

- *M. And. DUE.*
- *Ablation flutter atypique 16/8/2017:2010 ablation FA persistante(isolation vp,defragmentation OG,ligne toit + mitrale,choc électrique,vp bloquées,bloc toit et mitrale)*

Compréhension des mécanismes

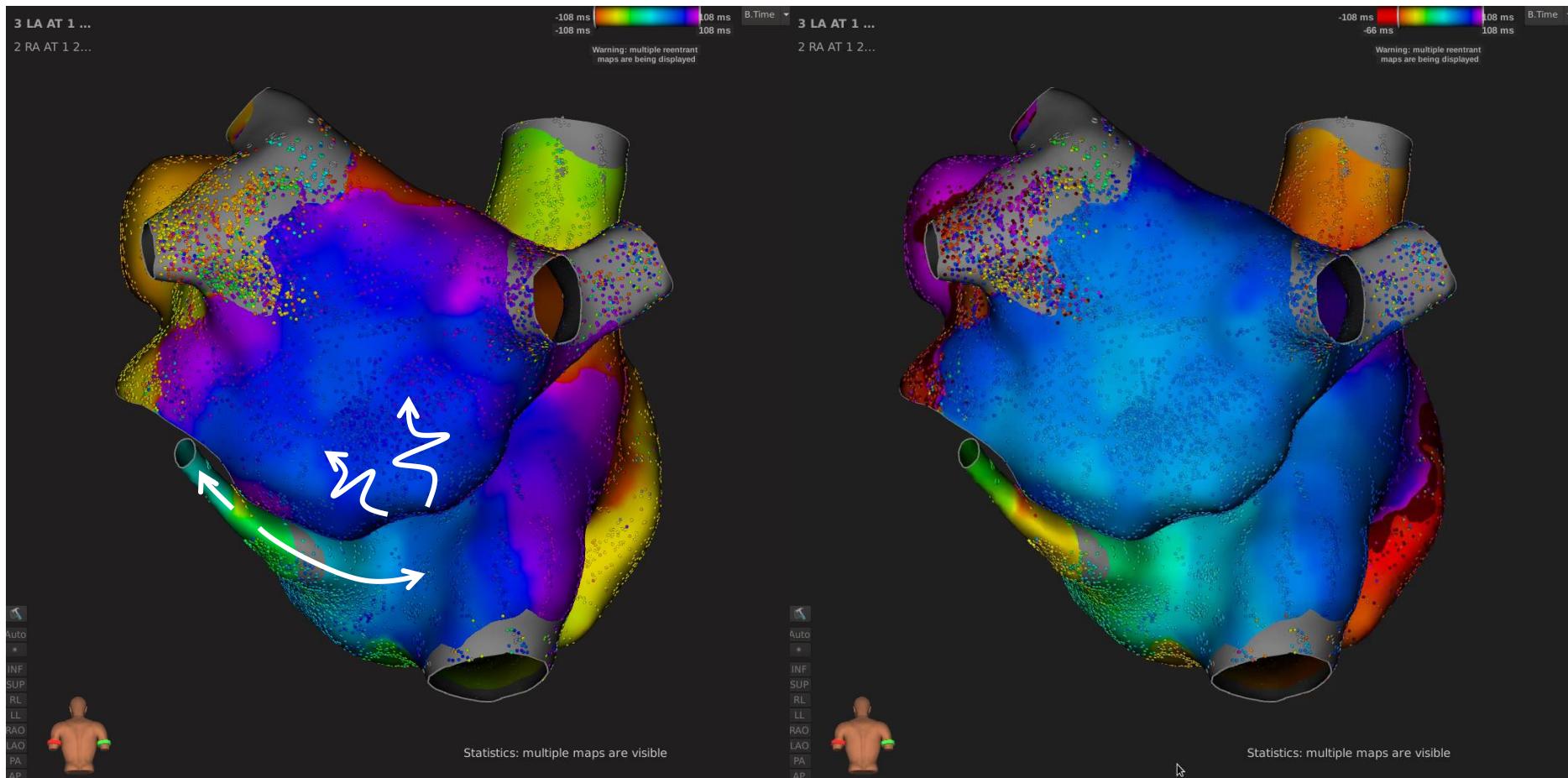
ECG



Compréhension des mécanismes

1

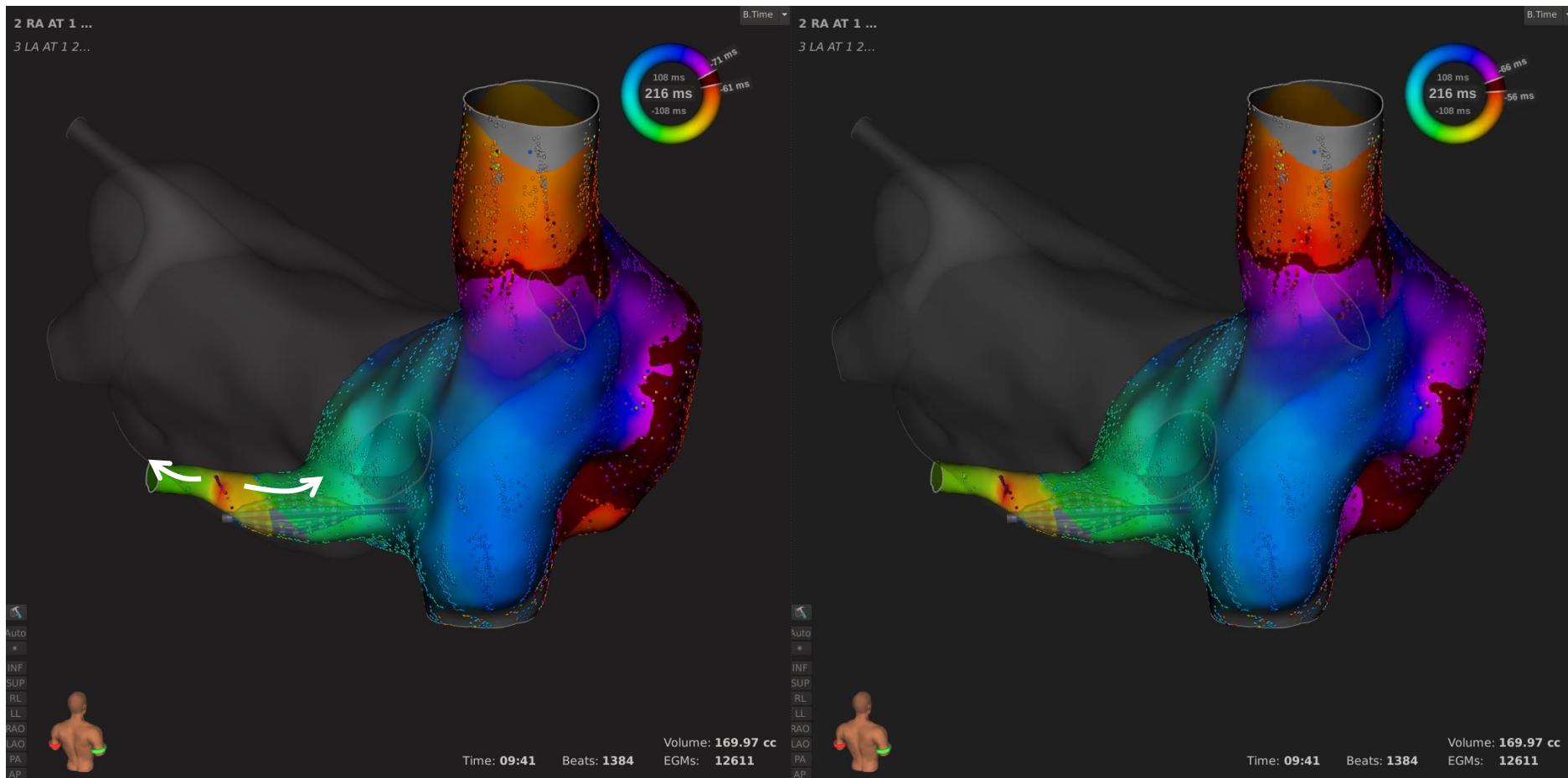
Activation OG-OD



Compréhension des mécanismes

1

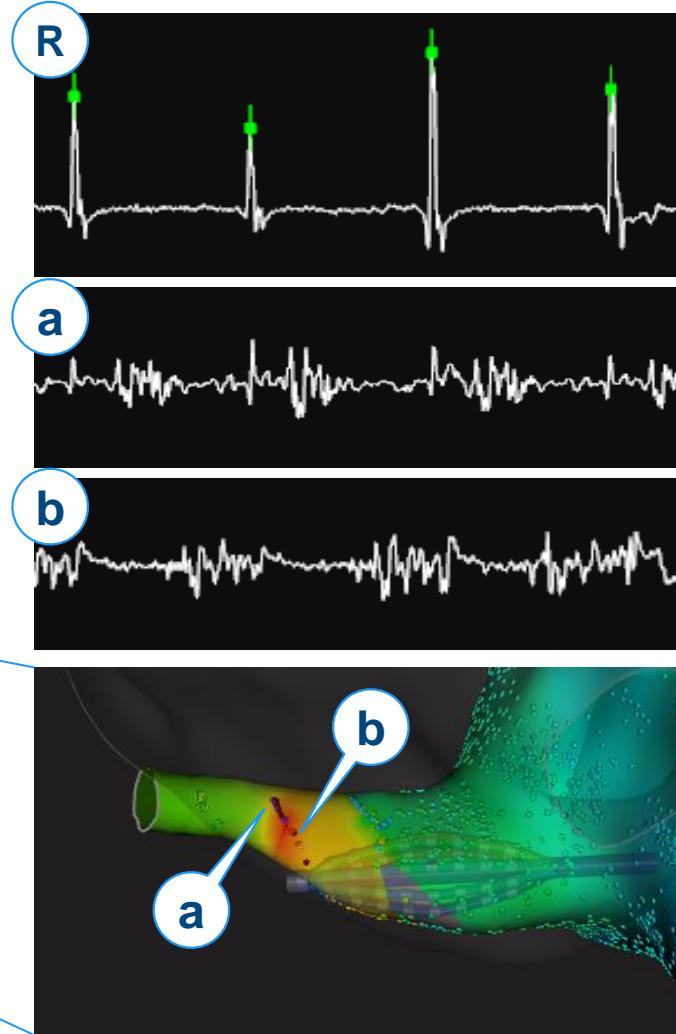
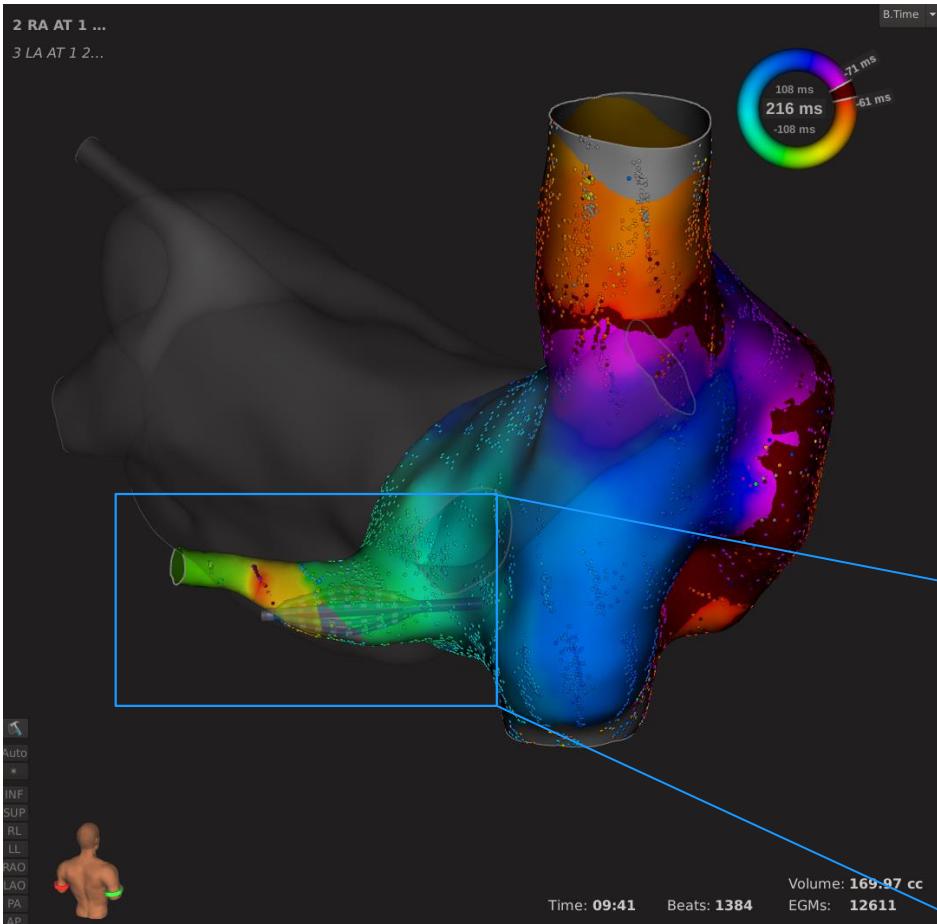
Activation CS



Compréhension des mécanismes

1

Activation CS



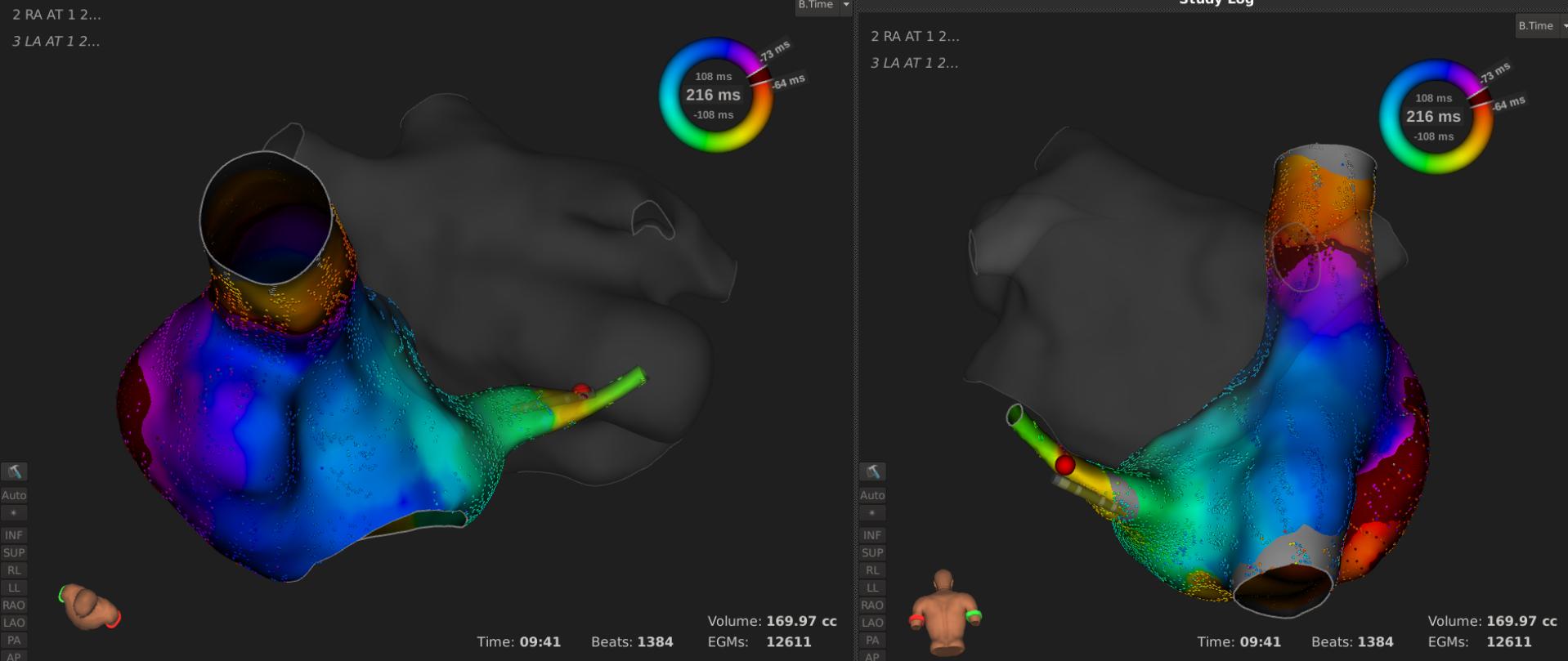
Compréhension des mécanismes

1

Ablation CS

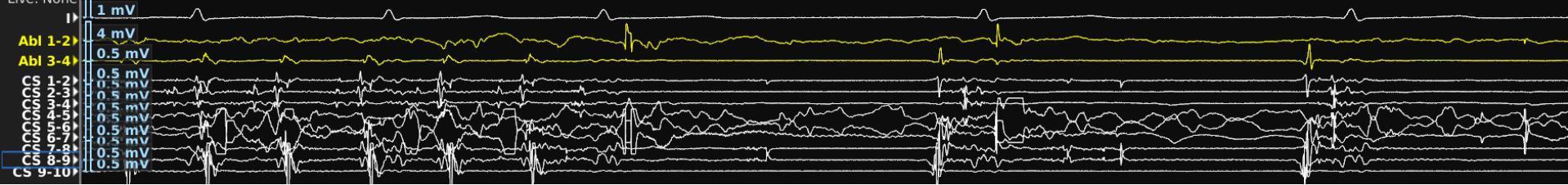
2 RA AT 1 2...

3 LA AT 1 2...



Page 2

Live: None



Compréhension des mécanismes

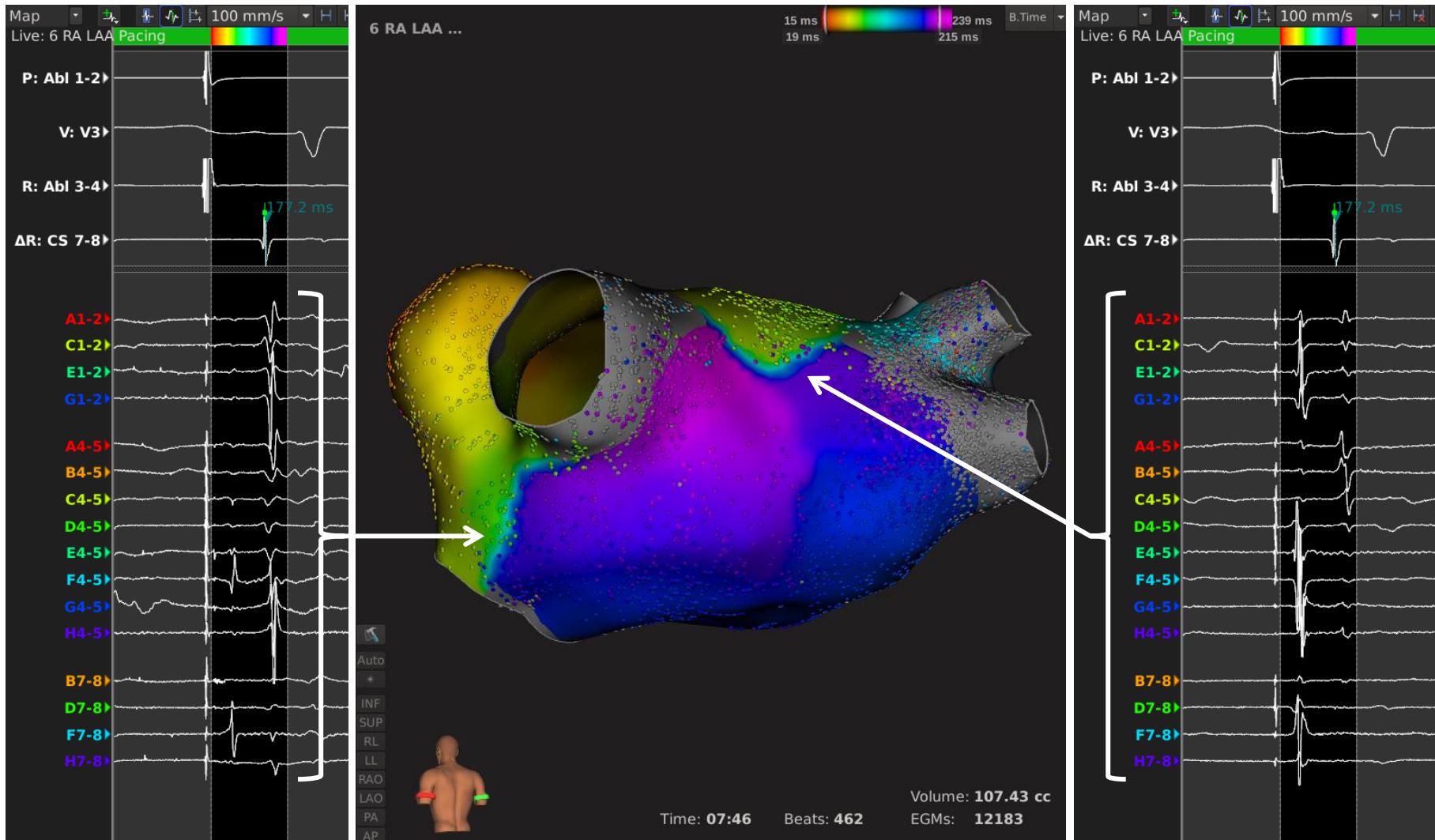
2

Histoire patient (M Ray. KAD.)

- *Ablation flutter atypique 23/08/2017:2015 ablation FA persistante(isolation vp ,défragmentation OG passe flutter gauche péri mitral allongement cycle flutter toit stop*
- *Controle vp bloquées bloc mitral et toit*

Compréhension des mécanismes

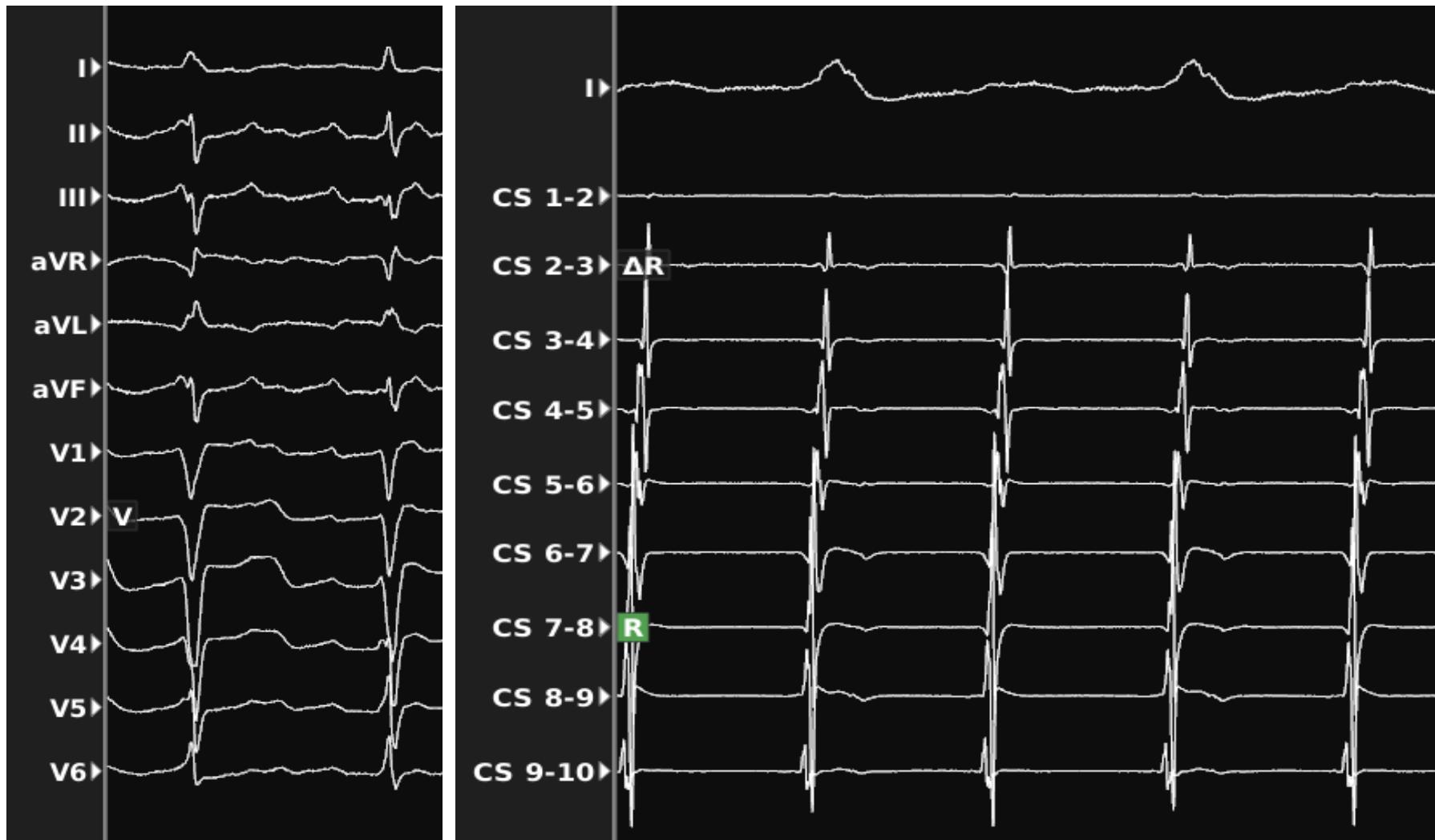
Validation des lignes de bloc



Compréhension des mécanismes

2

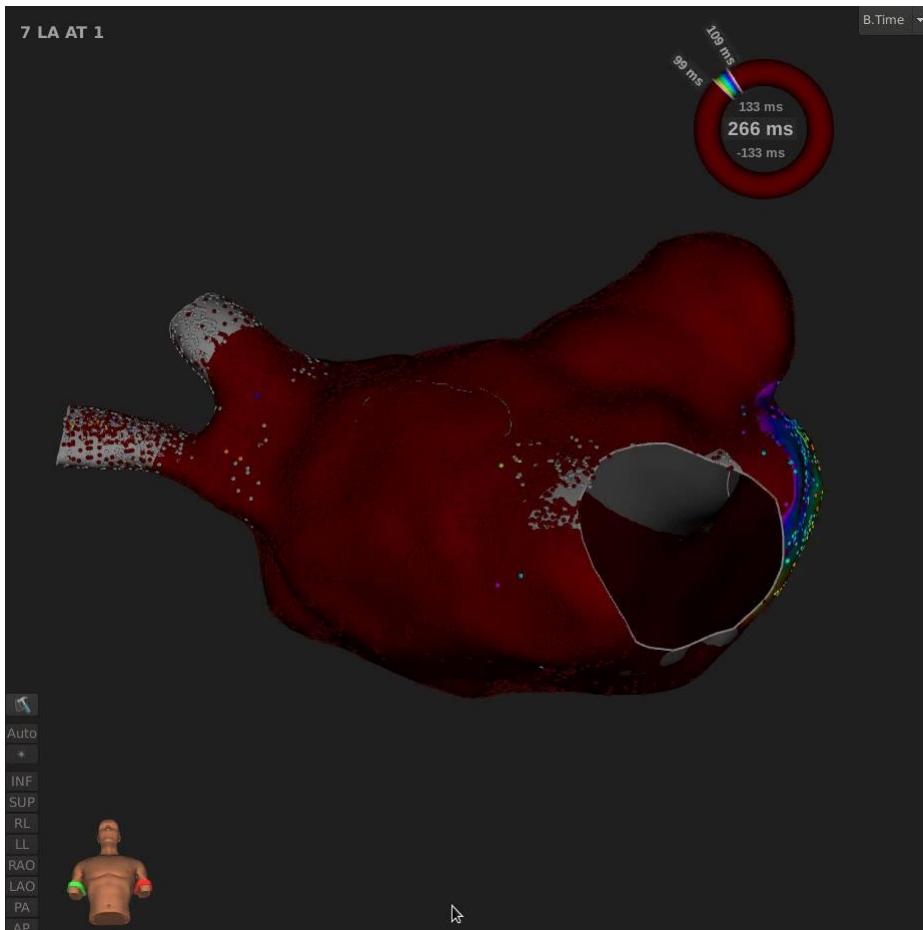
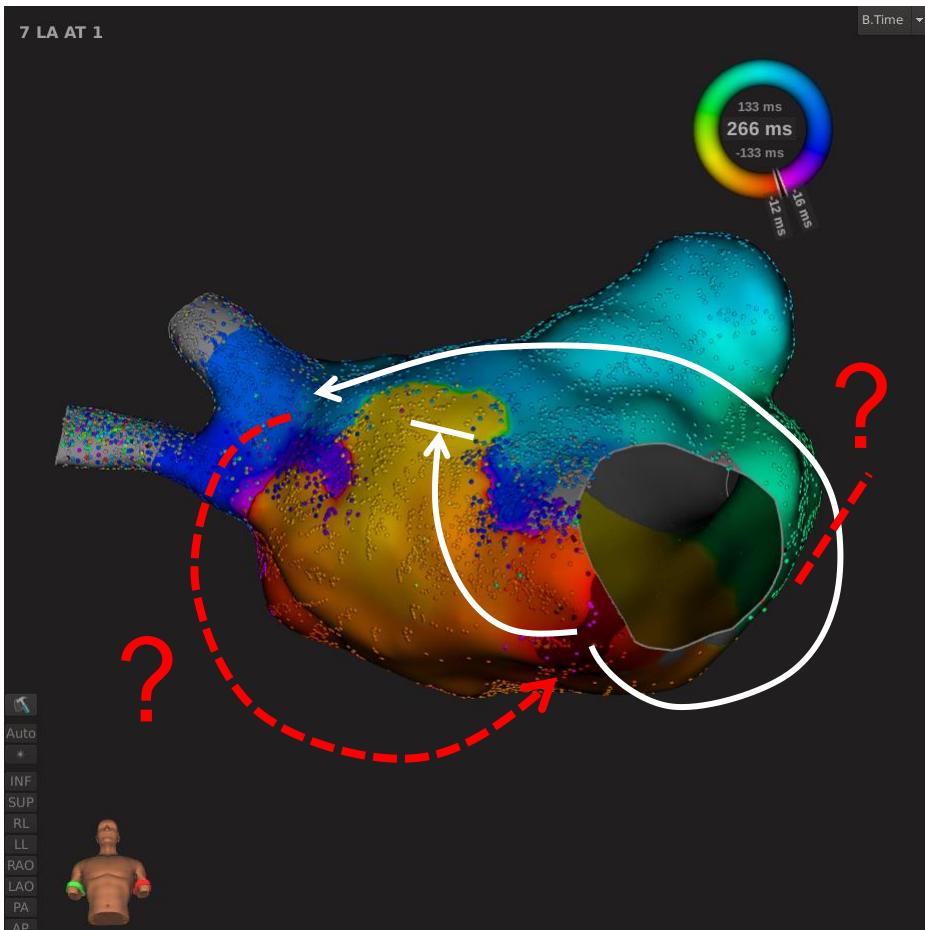
Induction d'une tachycardie (CL 266 ms)



Compréhension des mécanismes

2

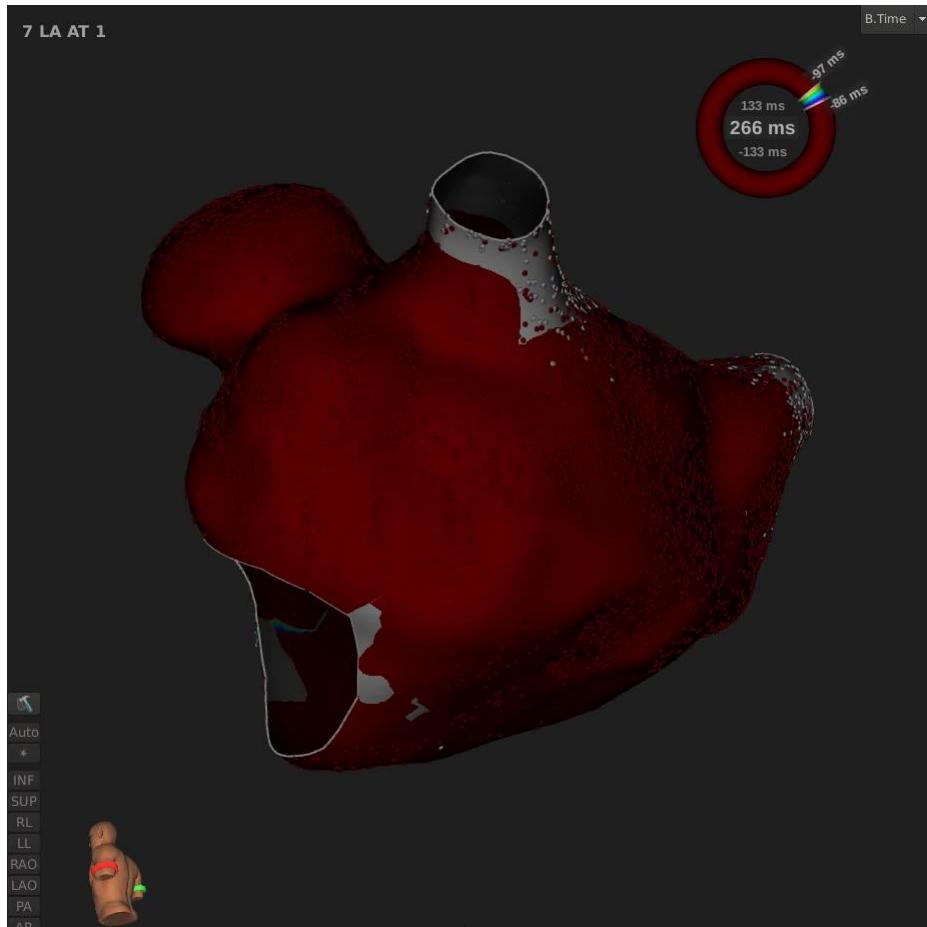
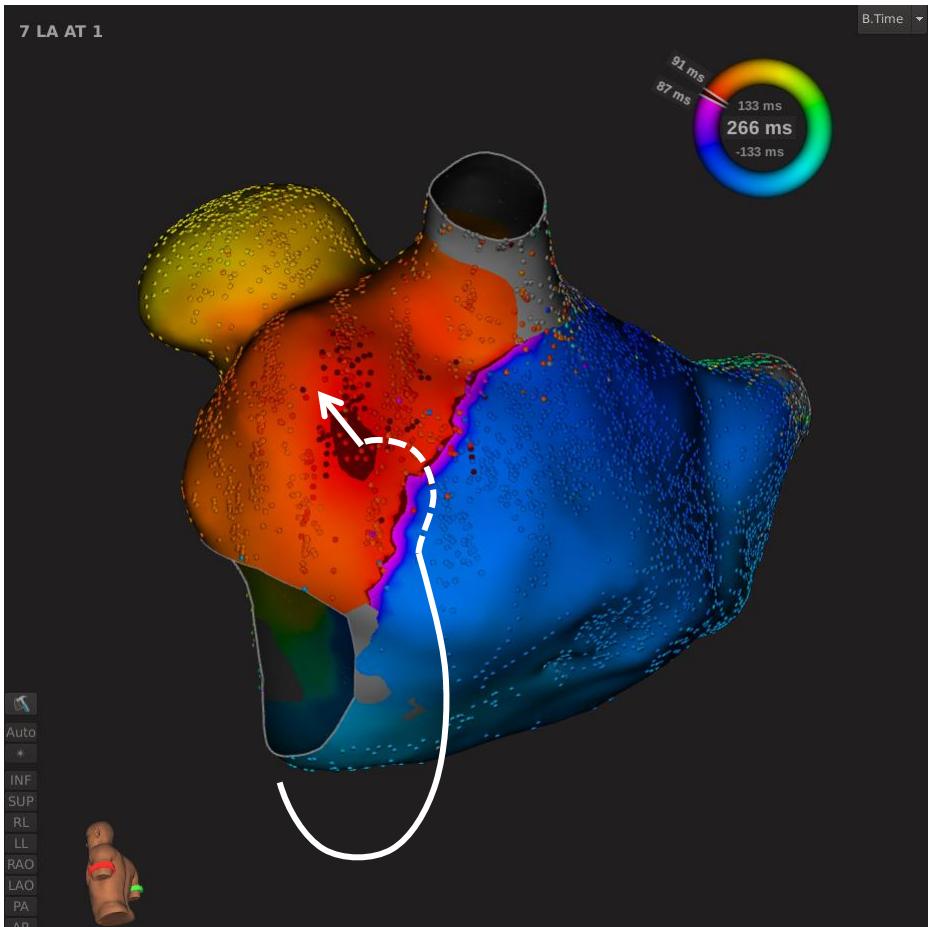
Mapping OG



Compréhension des mécanismes

2

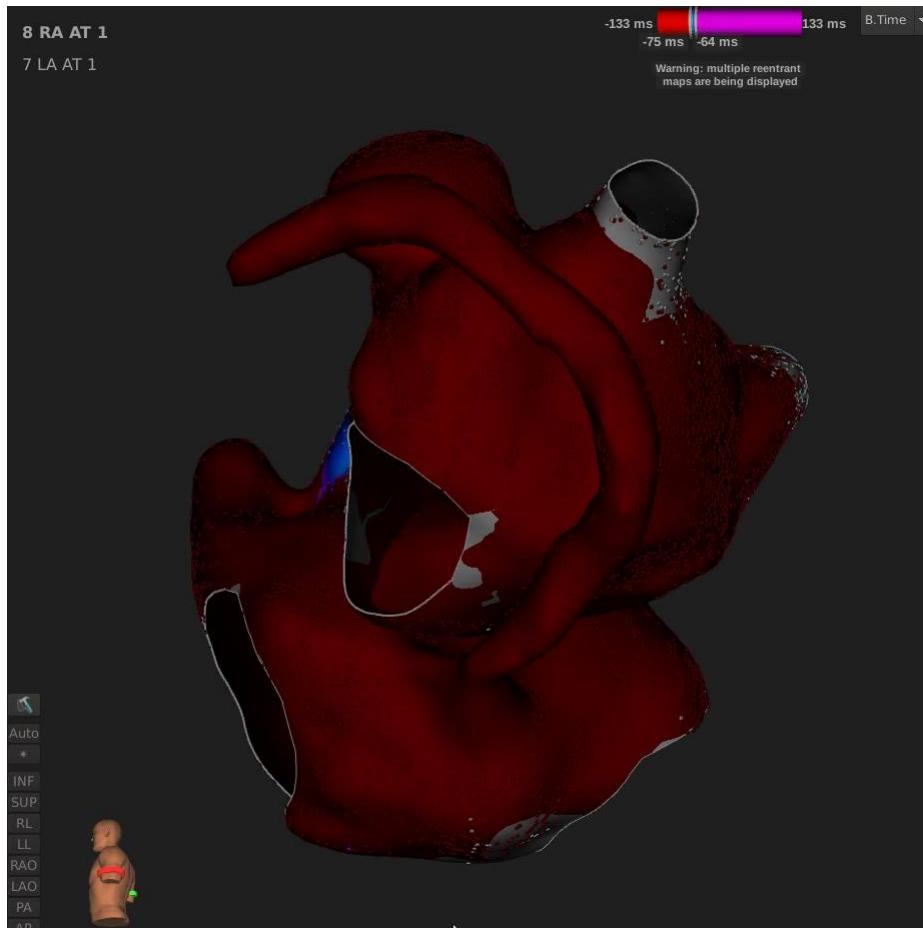
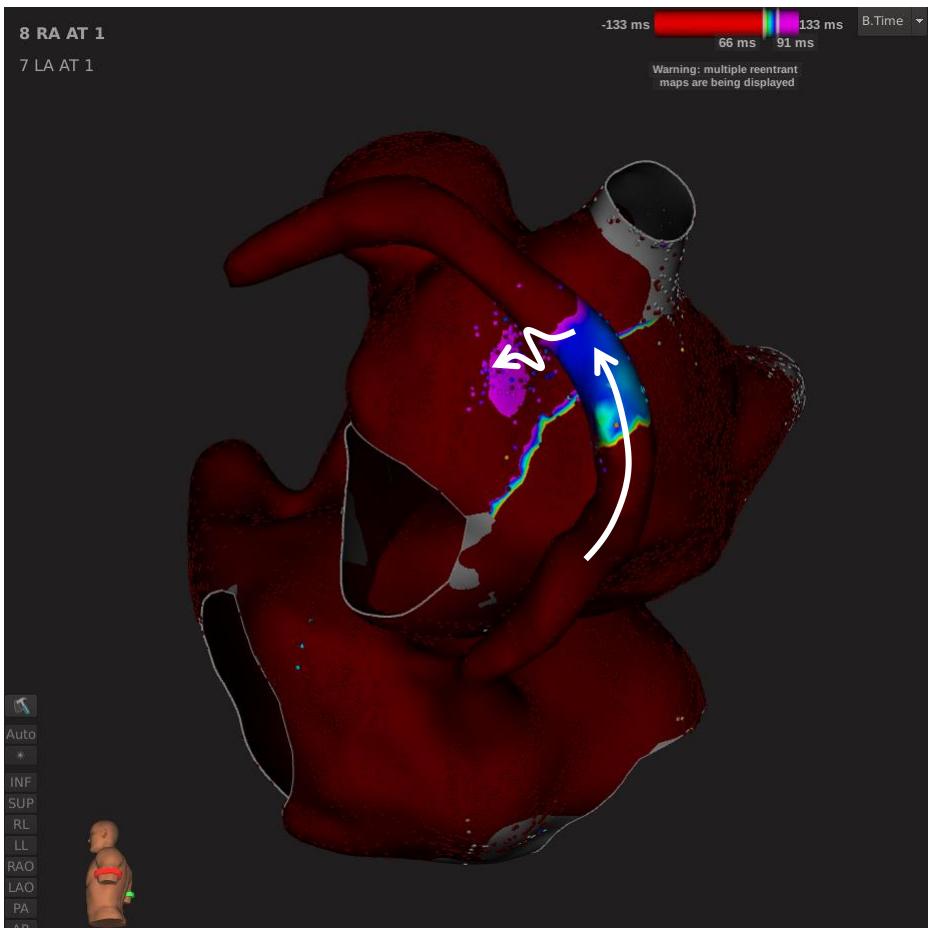
Activation isthme gauche



Compréhension des mécanismes

2

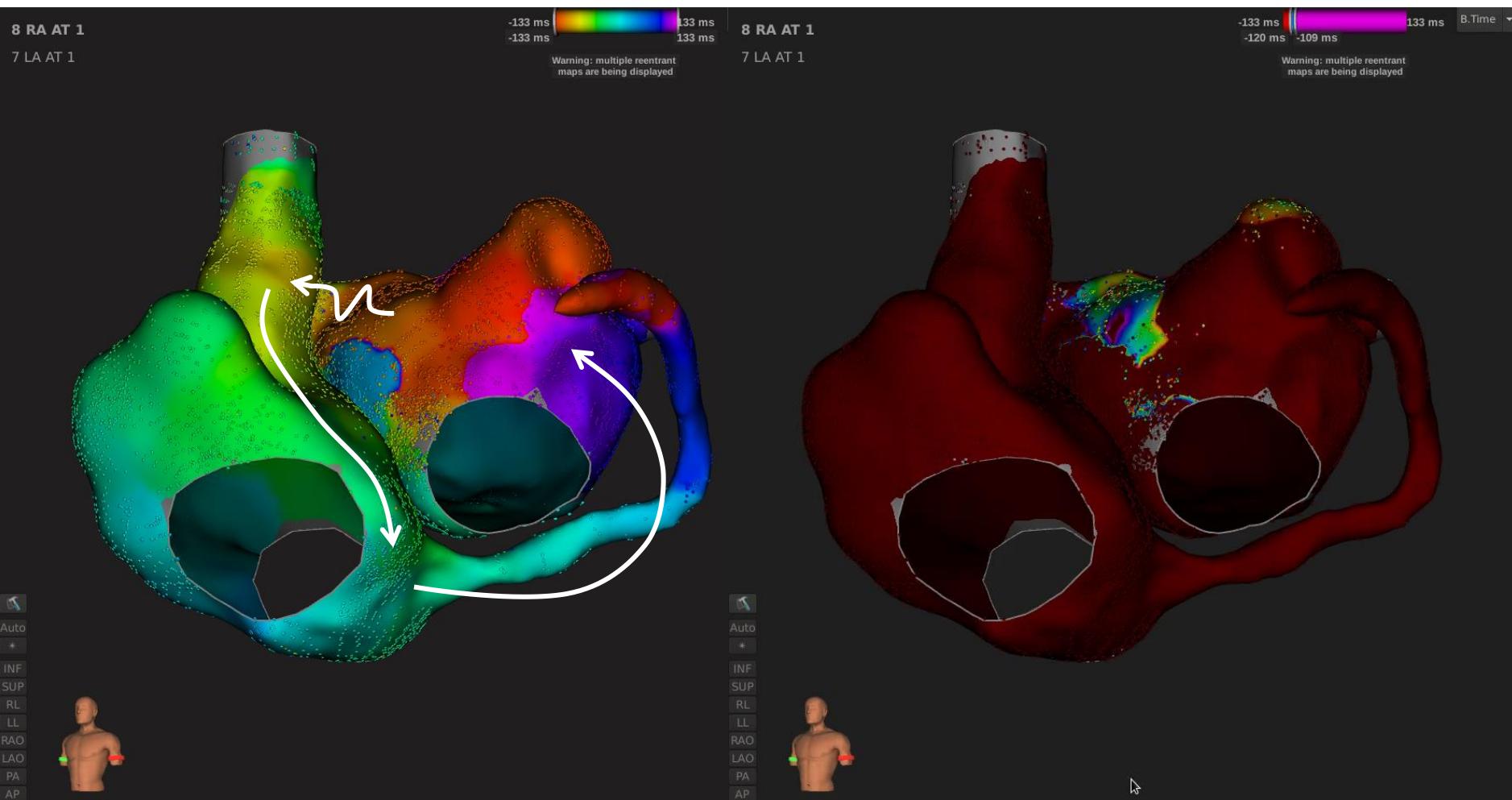
Activation épicardique



Compréhension des mécanismes

2

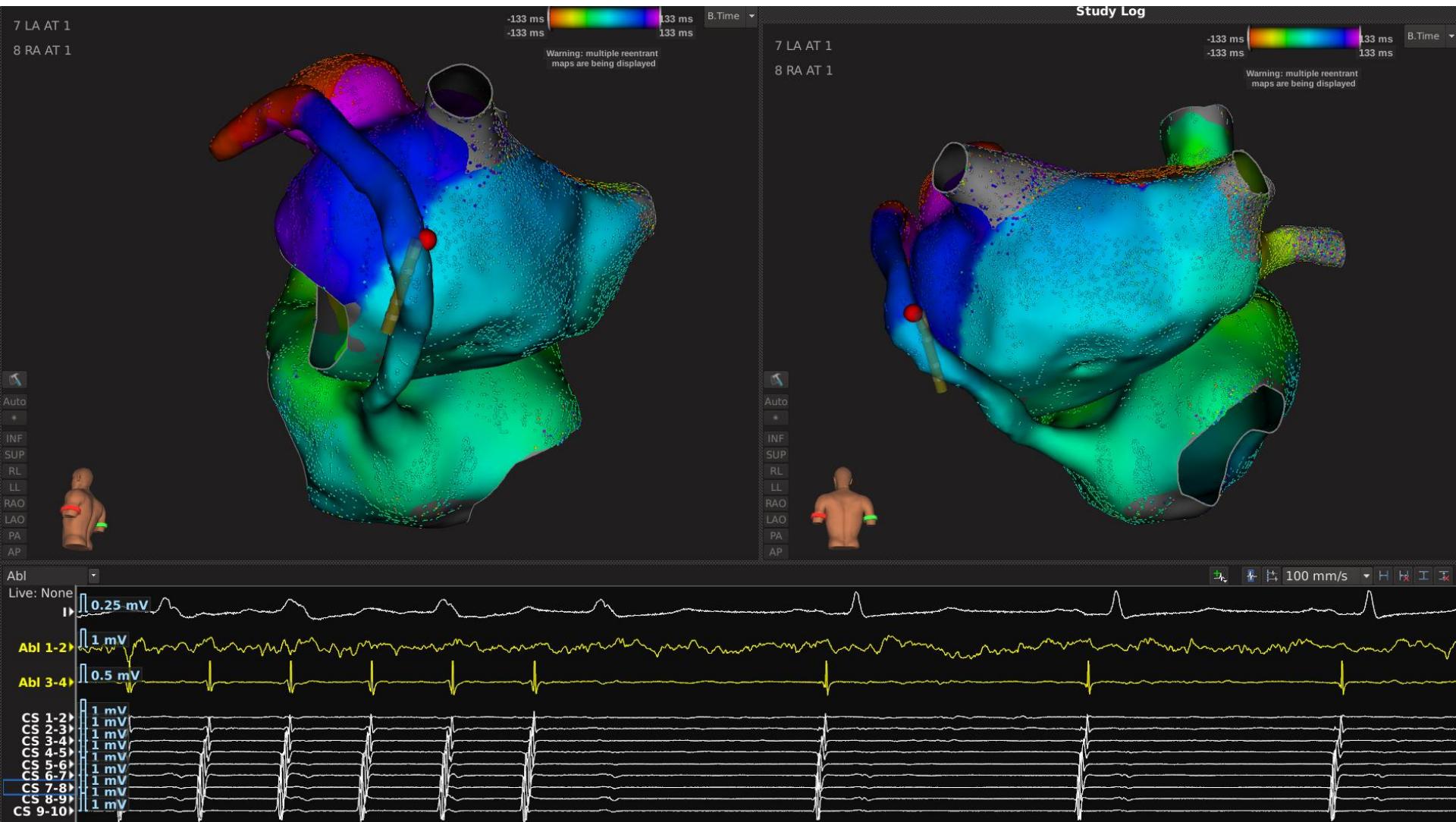
Activation bi-atriale



Compréhension des mécanismes

2

Ablation isthme gauche par le CS



Définition de la stratégie d'ablation

3

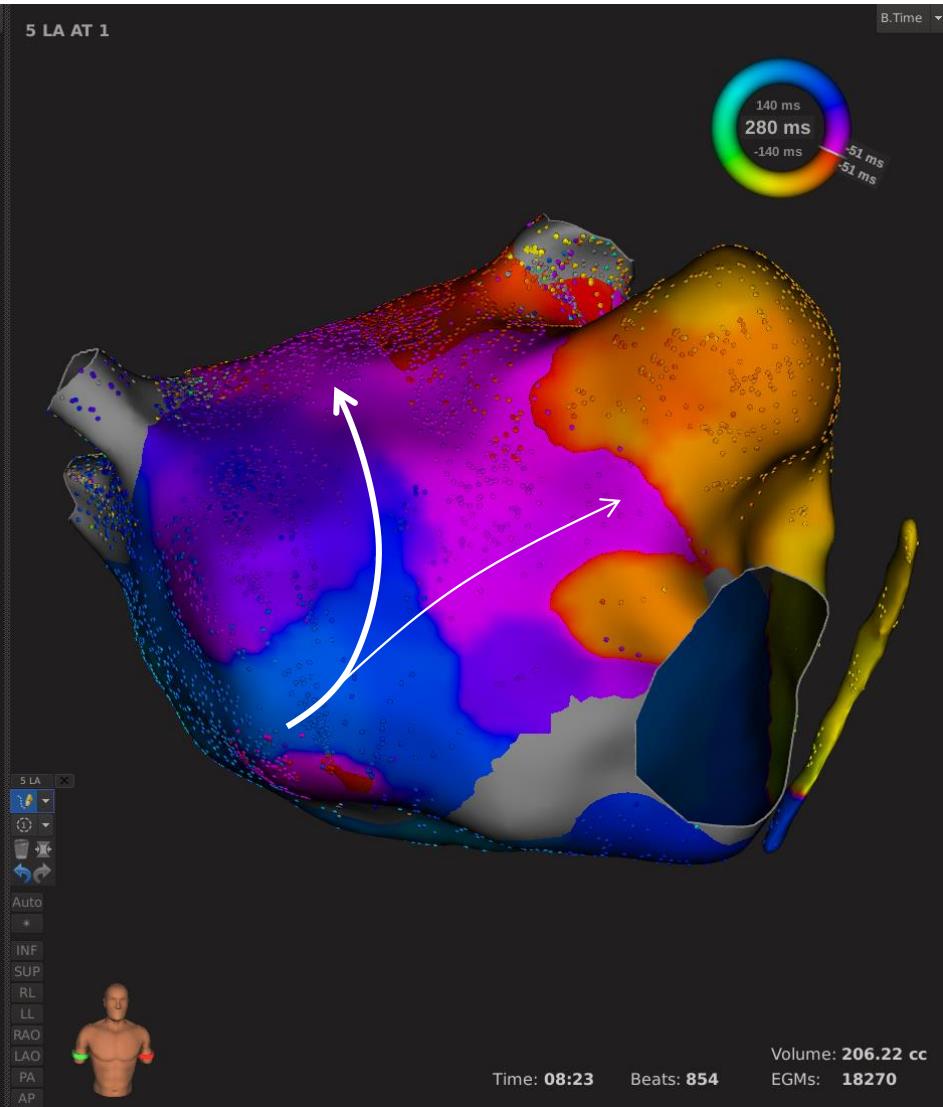
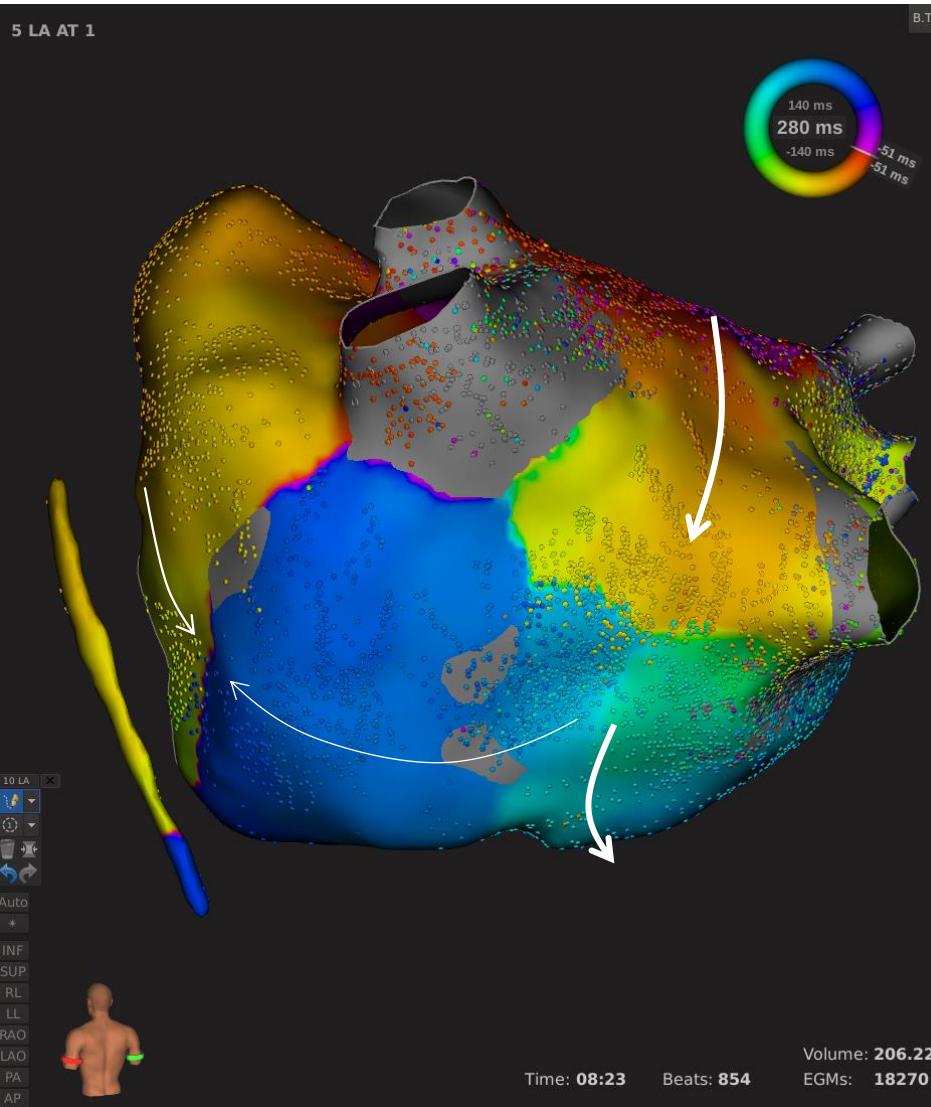
Histoire patient

- *M. Yve. SUA.*
- *Ablation flutter Atypique 05/07/2017*
- *2016 ablation fa persistante (isolation vp ,box post,défragmentation og+od passage flutter isthme mitral ablation sinusal)*
- *Controlevp bloquées ,isthme mitral bloqué,pas de bloc sur toit*

Définition de la stratégie d'ablation

3

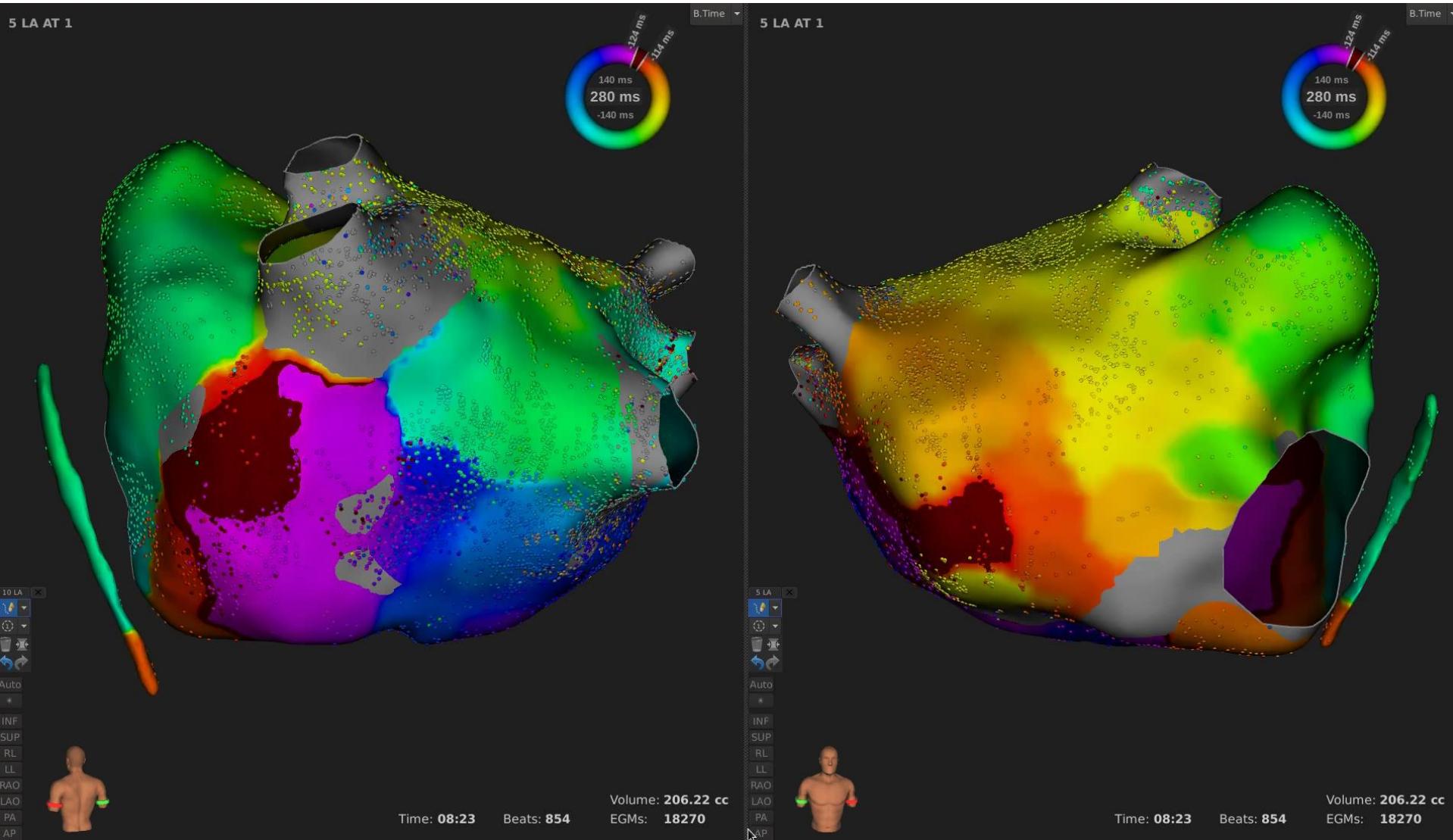
Activation OG



Définition de la stratégie d'ablation

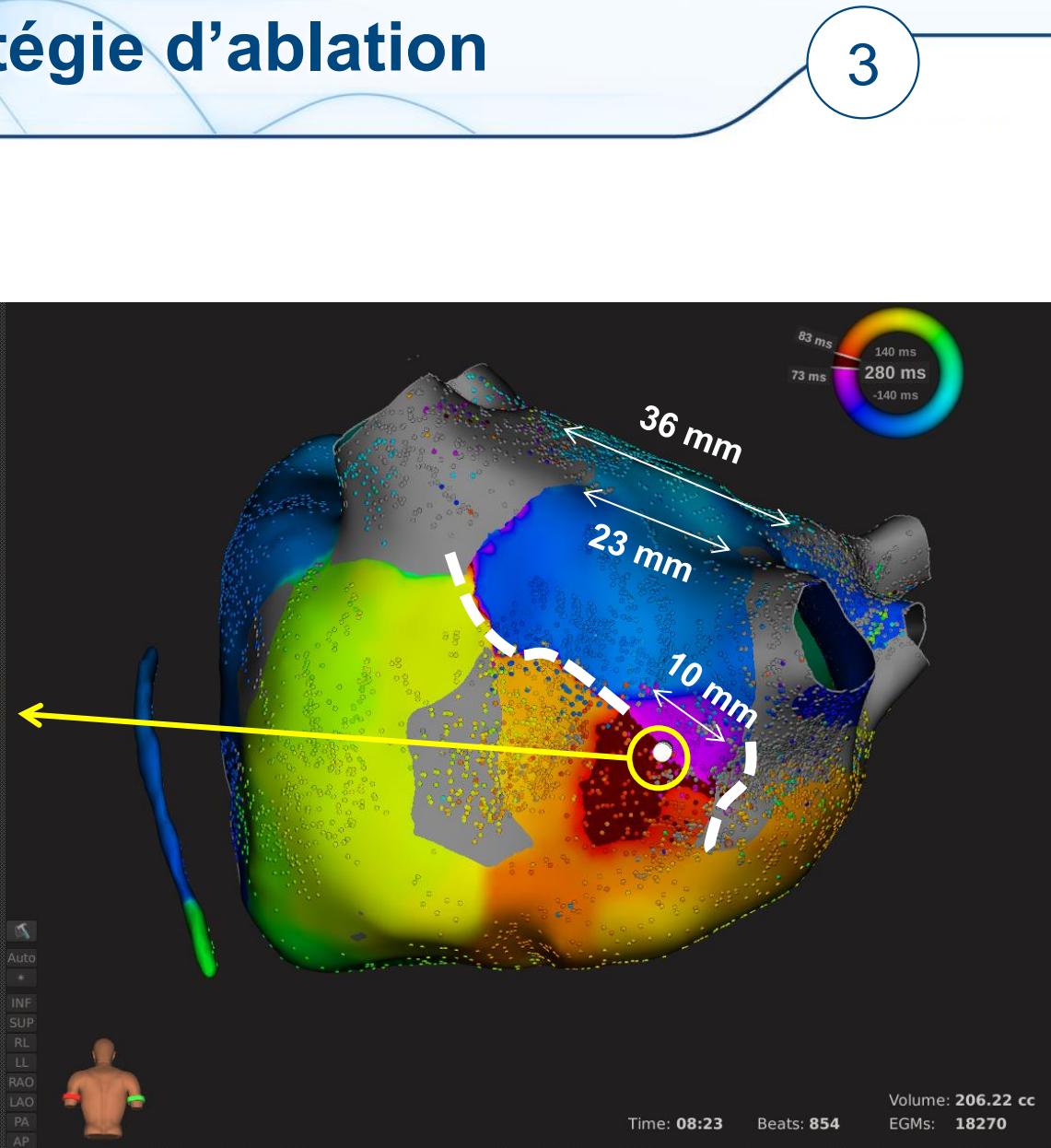
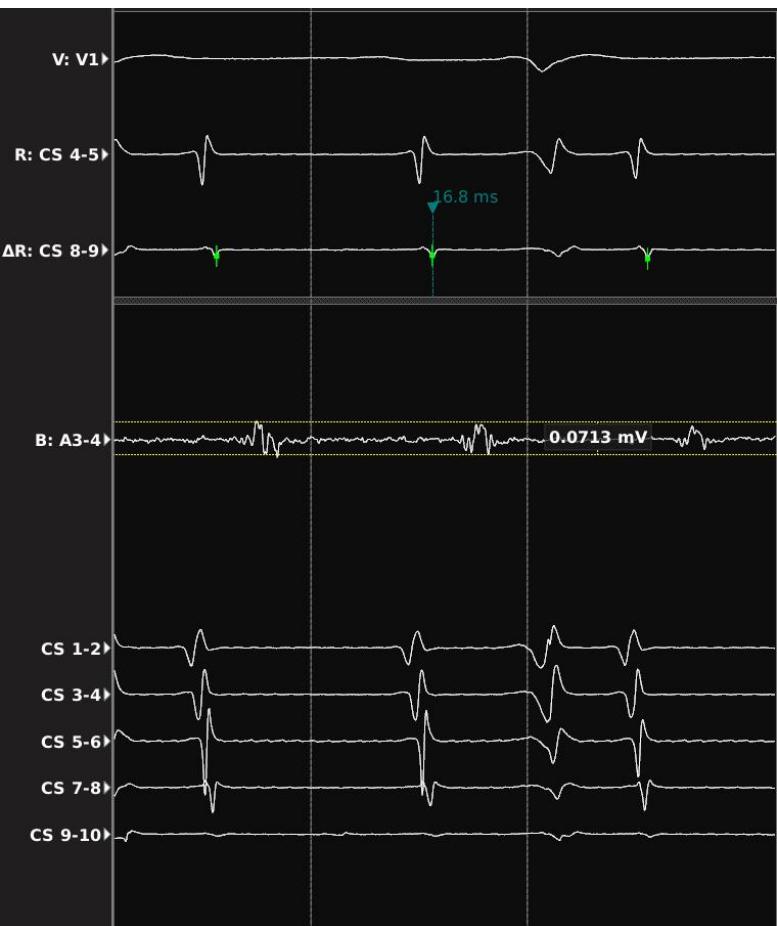
3

Activation OG



Définition de la stratégie d'ablation

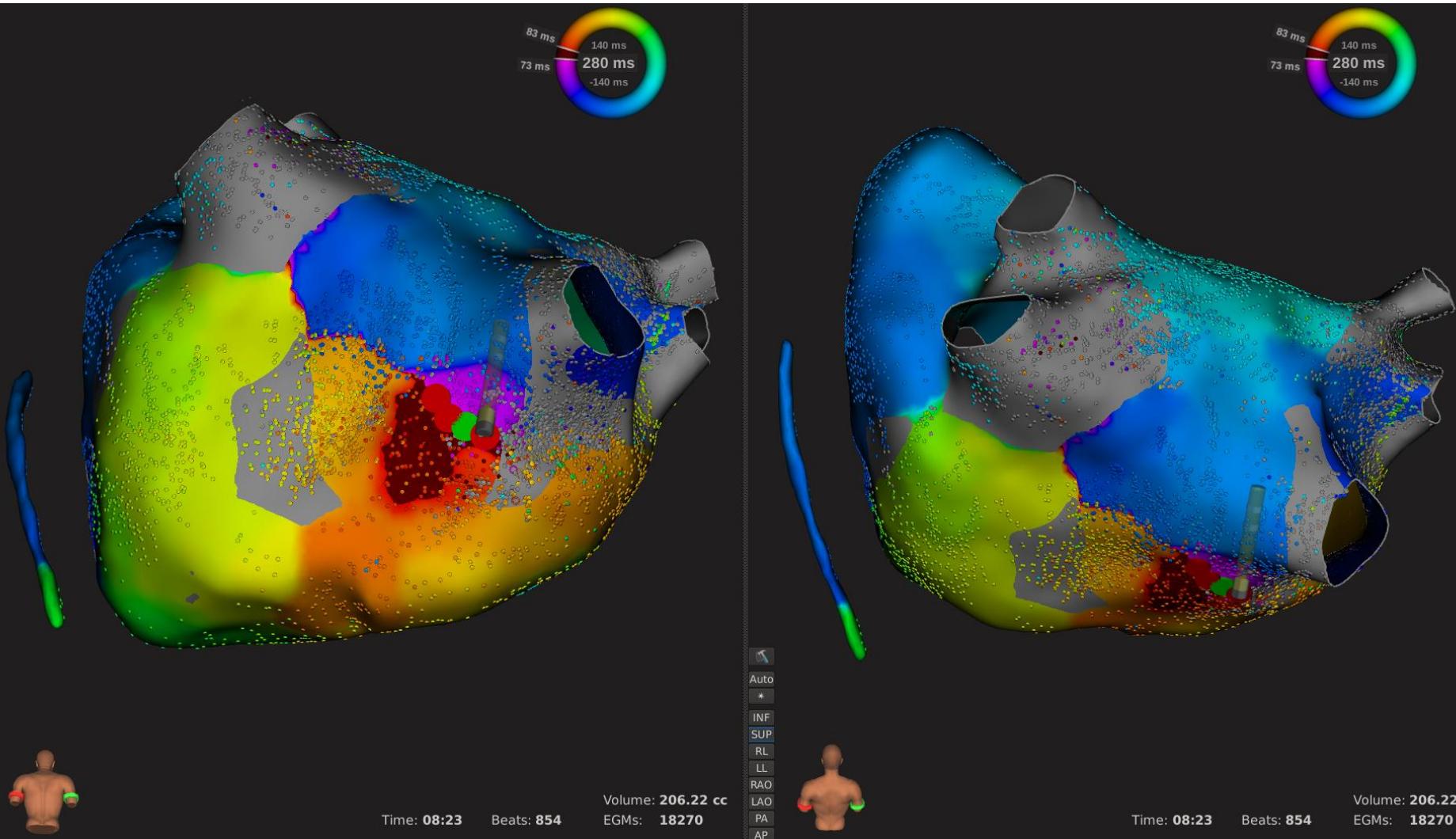
Localisation isthme critique



Définition de la stratégie d'ablation

3

Site Ablation



Définition de la stratégie d'ablation

4

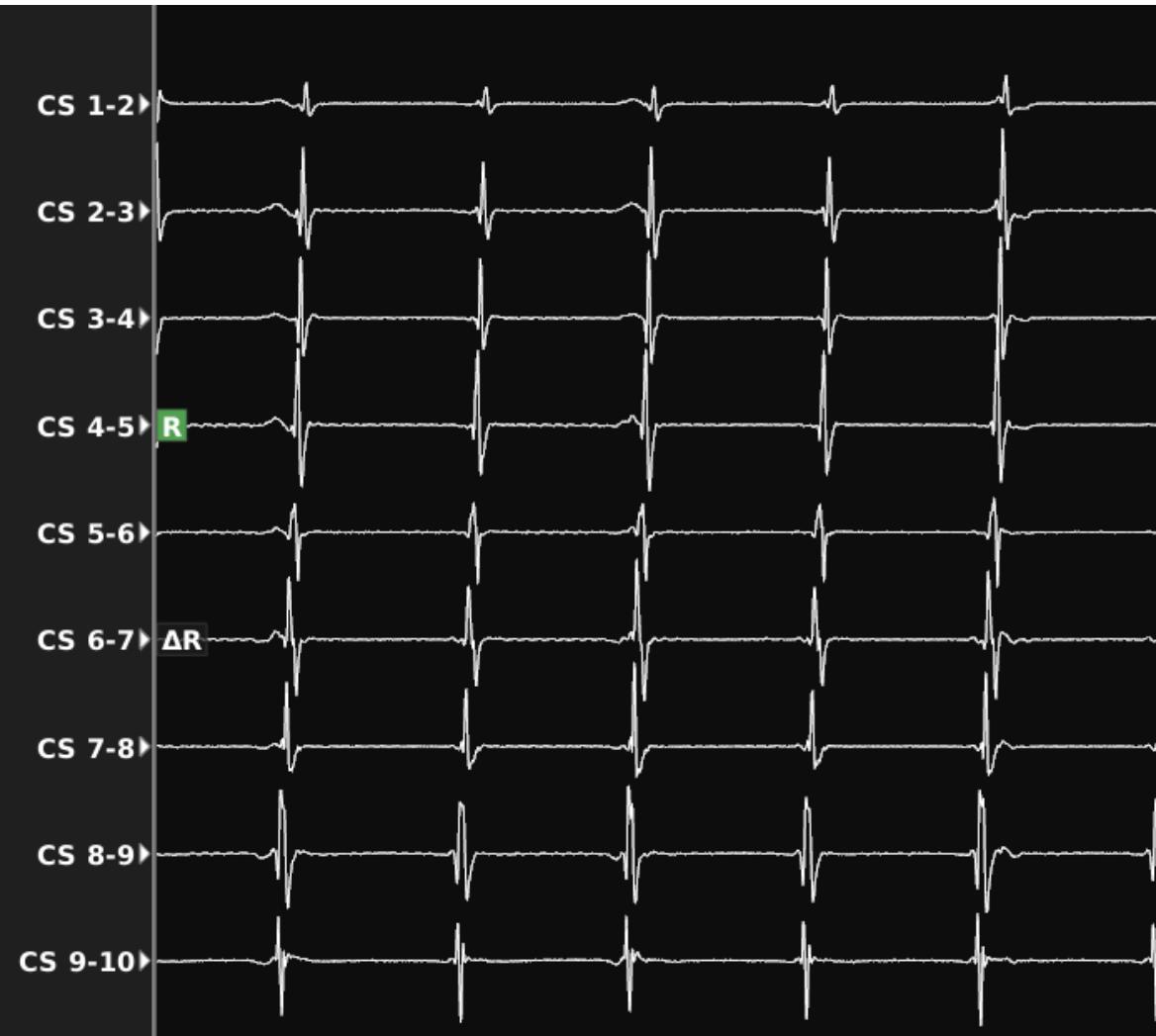
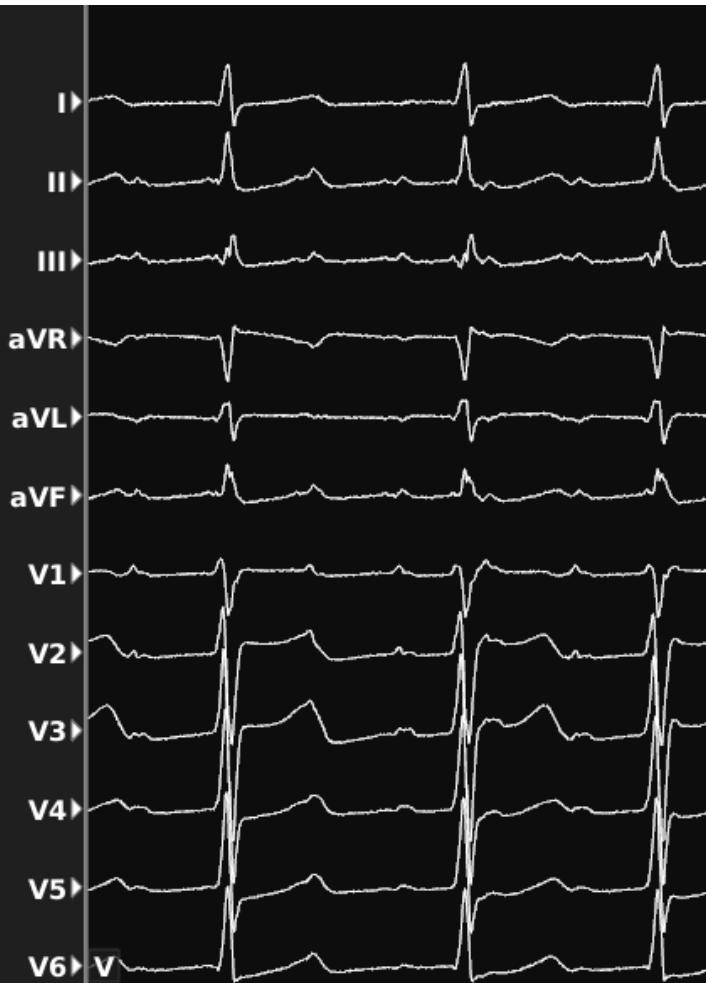
Histoire patient

- *M. Yve. PER.*
- *Procédure du 05/09/2017*

Définition de la stratégie d'ablation

4

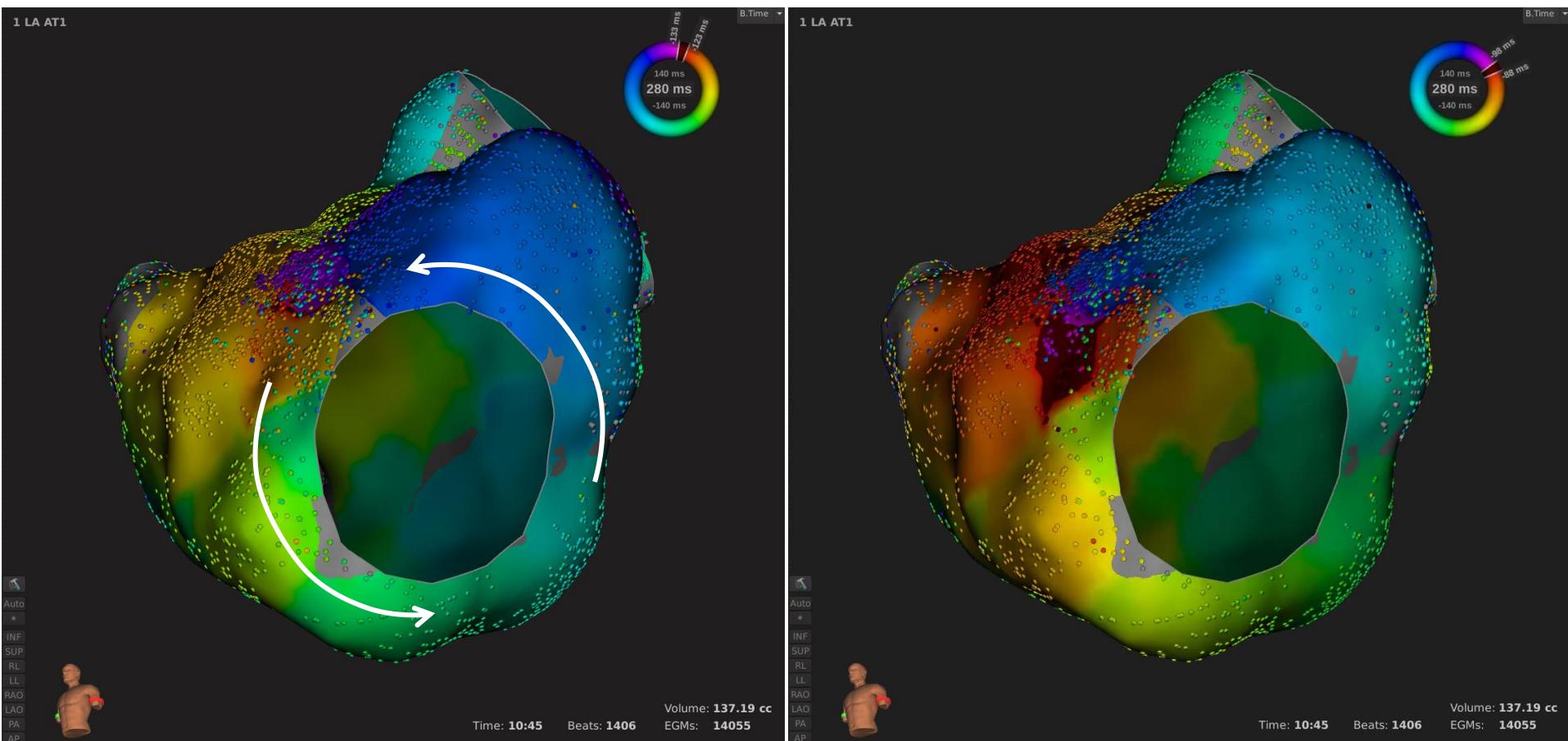
ECG – Cycle AT



Définition de la stratégie d'ablation

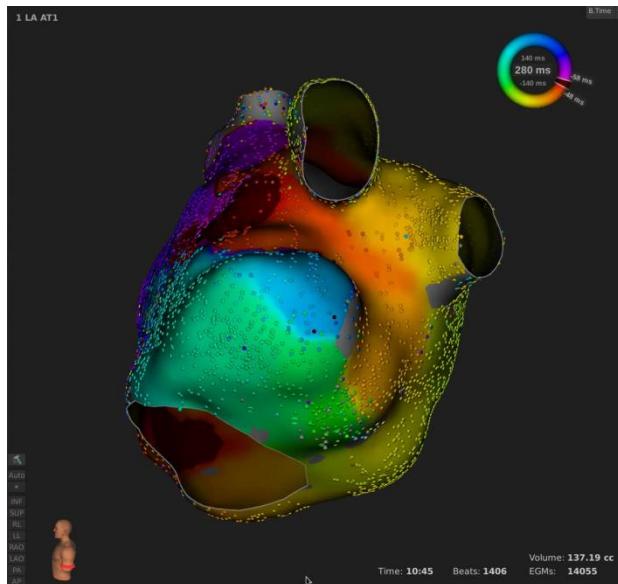
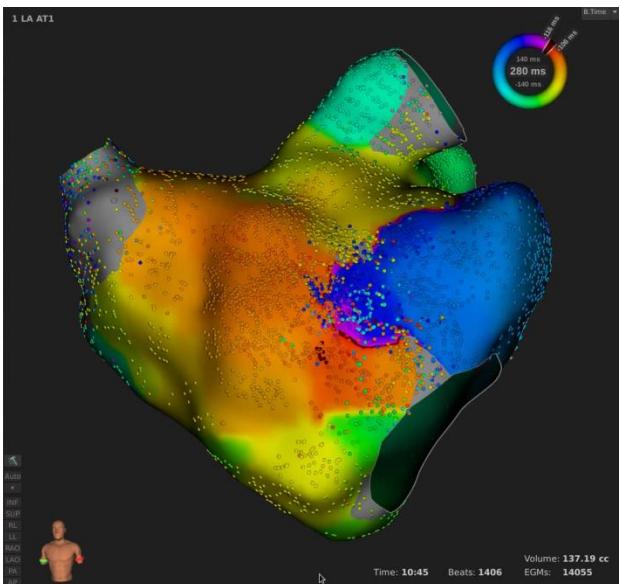
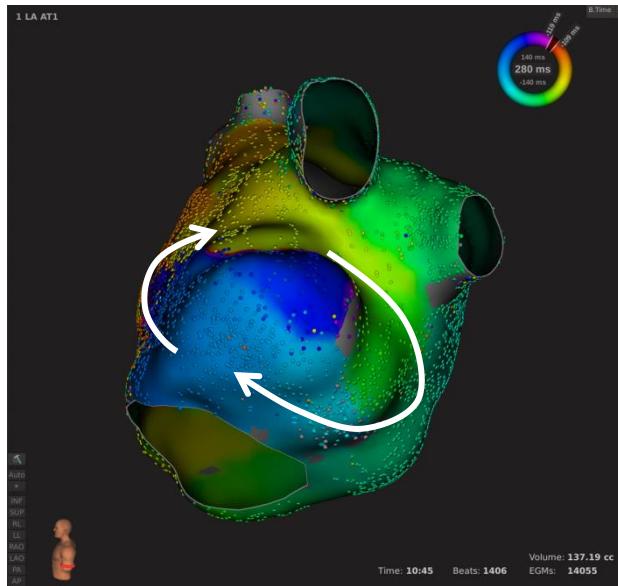
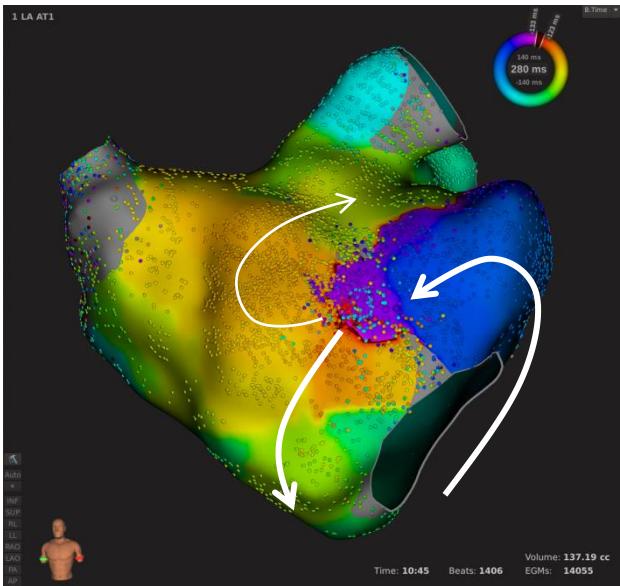
4

Activation OG



Définition de la stratégie d'ablation

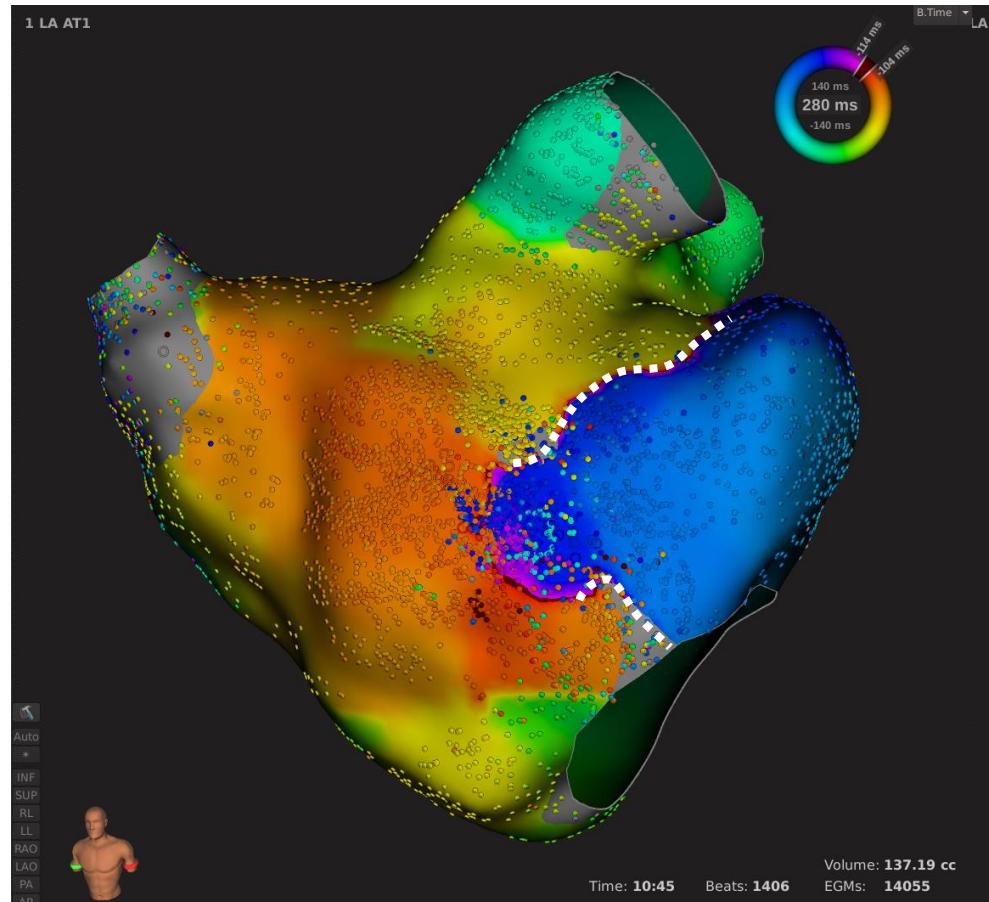
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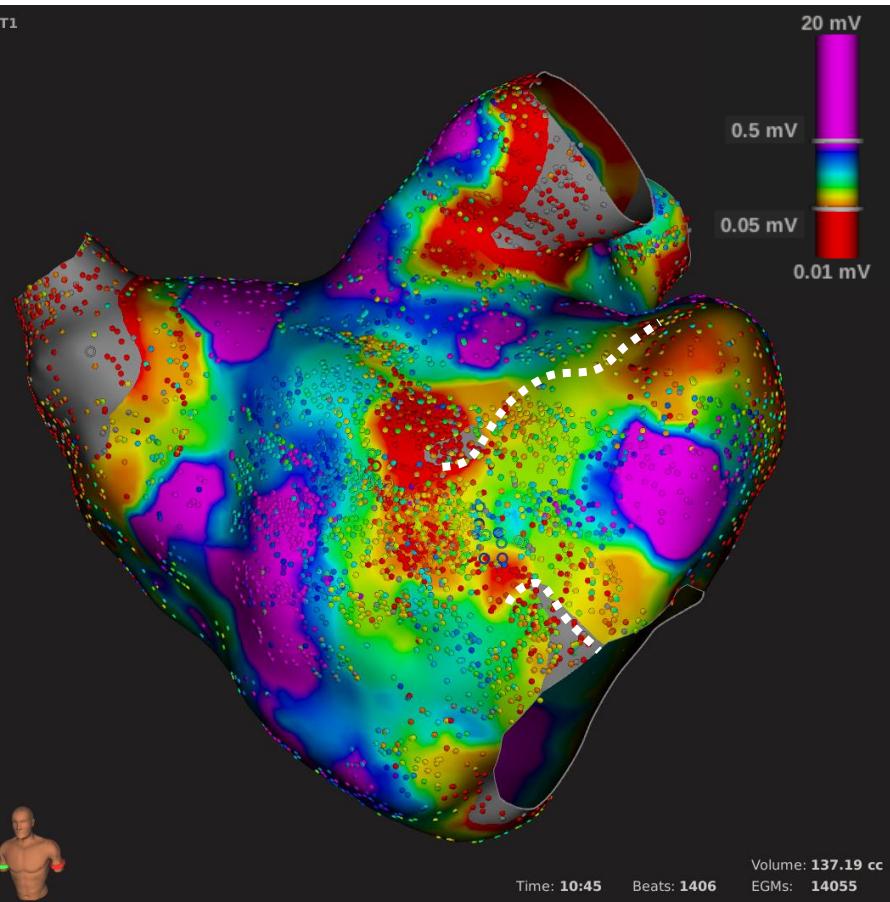
Définition de la stratégie d'ablation

4

Activation



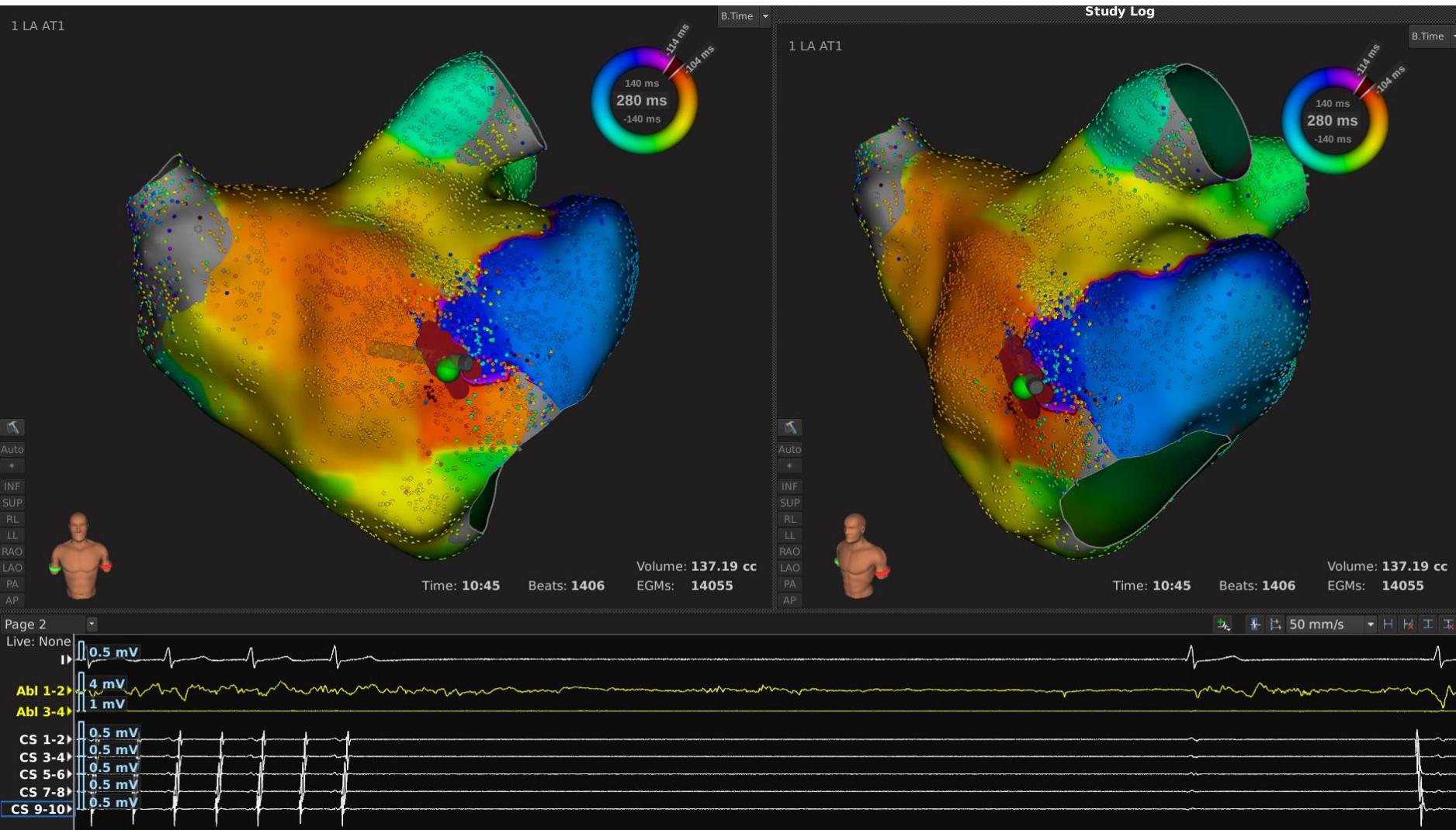
Voltage



Définition de la stratégie d'ablation

4

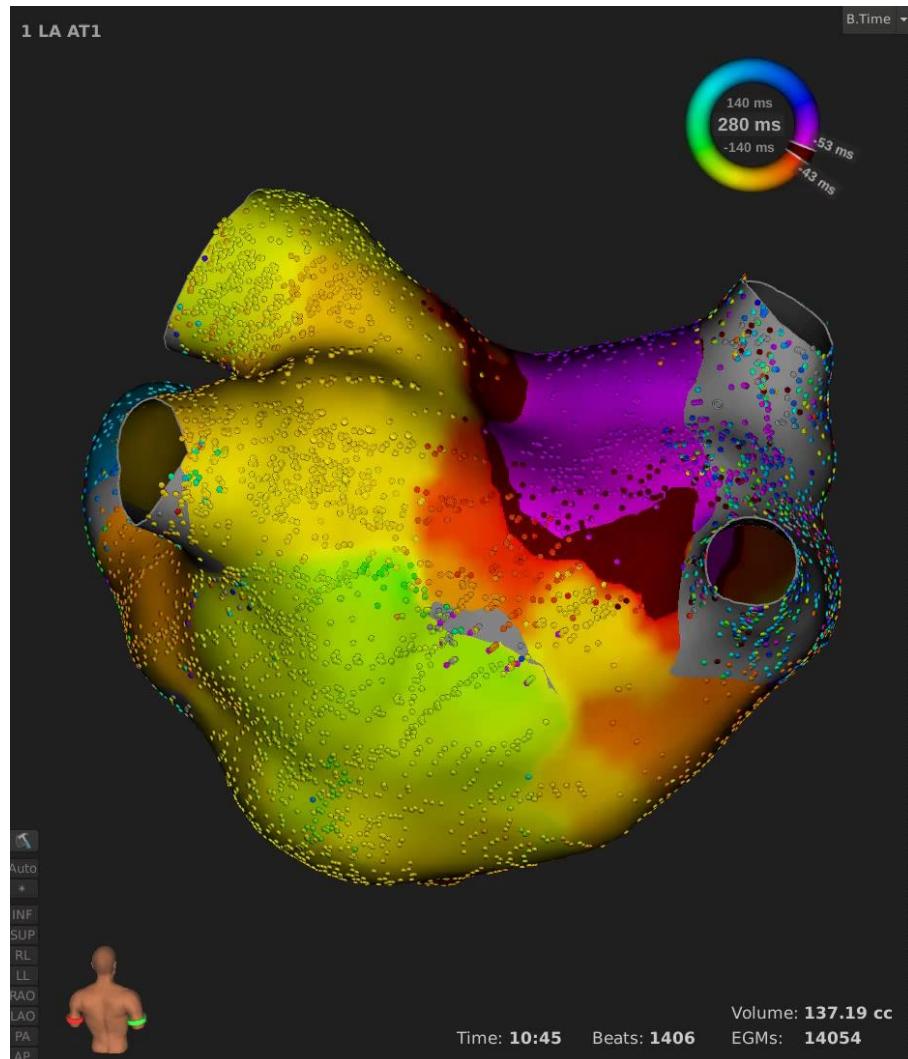
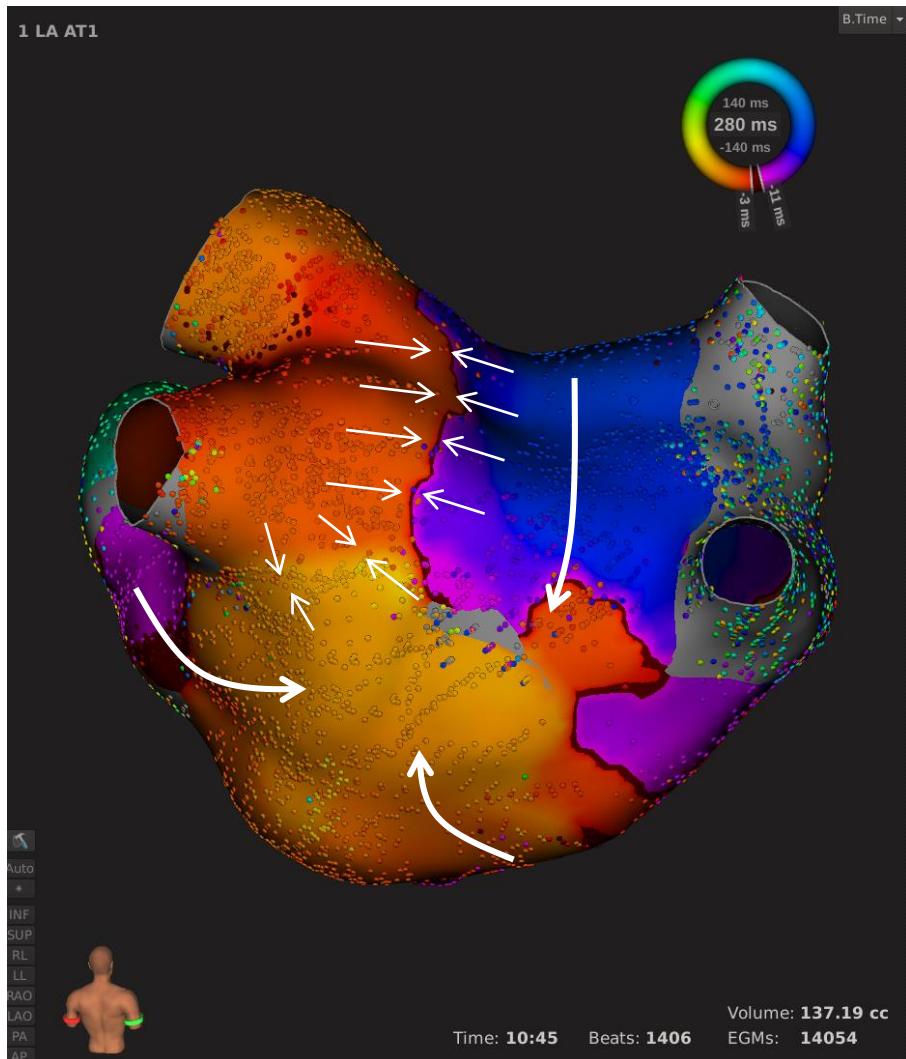
Activation OG



Anticipation thérapeutique

5

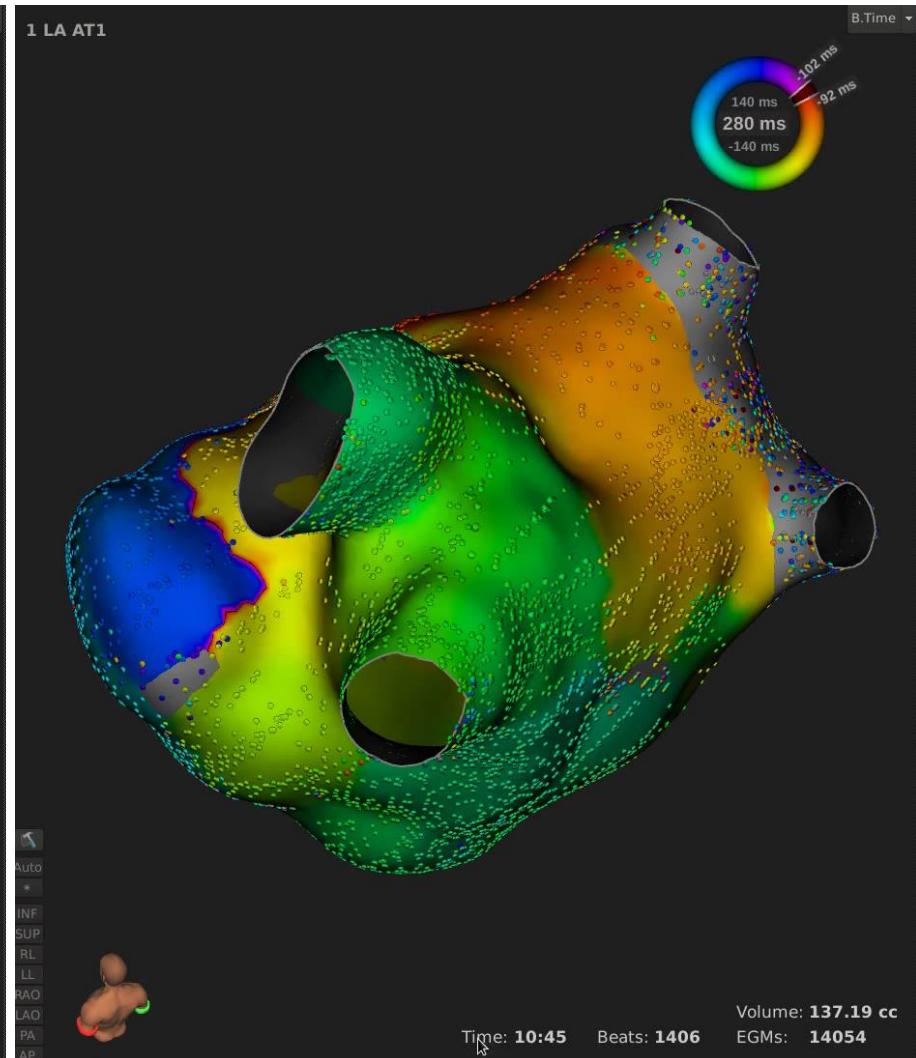
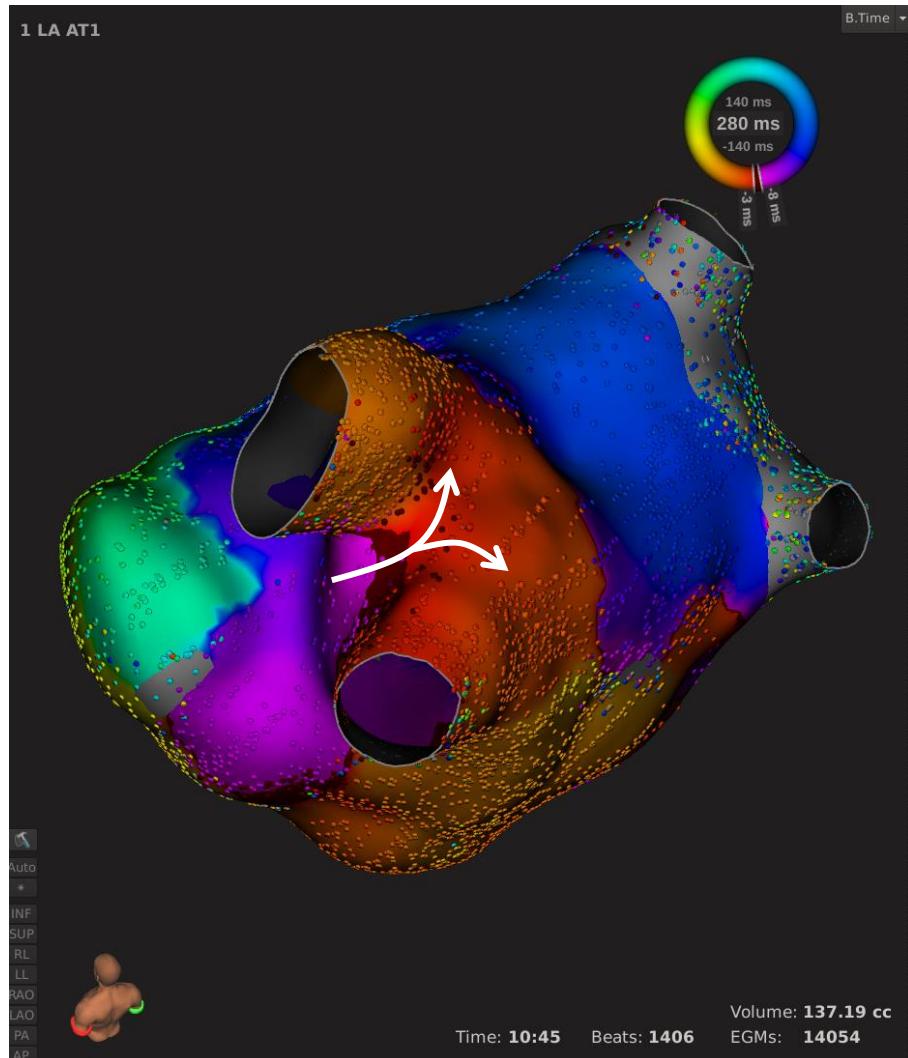
Analyse de l'activation du mur postérieur



Anticipation thérapeutique

5

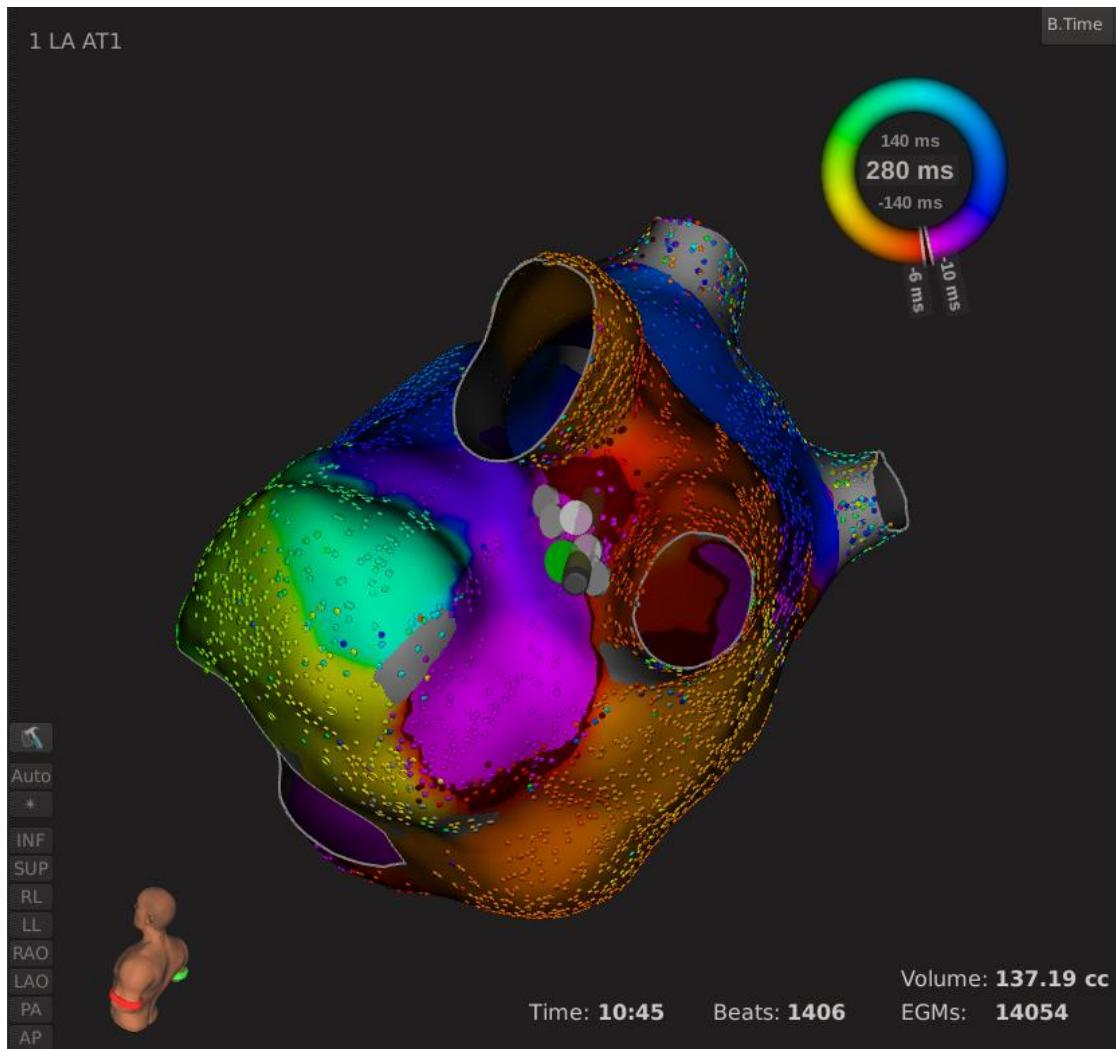
Identification du GAP



Anticipation thérapeutique

5

Déconnexion VPG



Anticipation thérapeutique

6

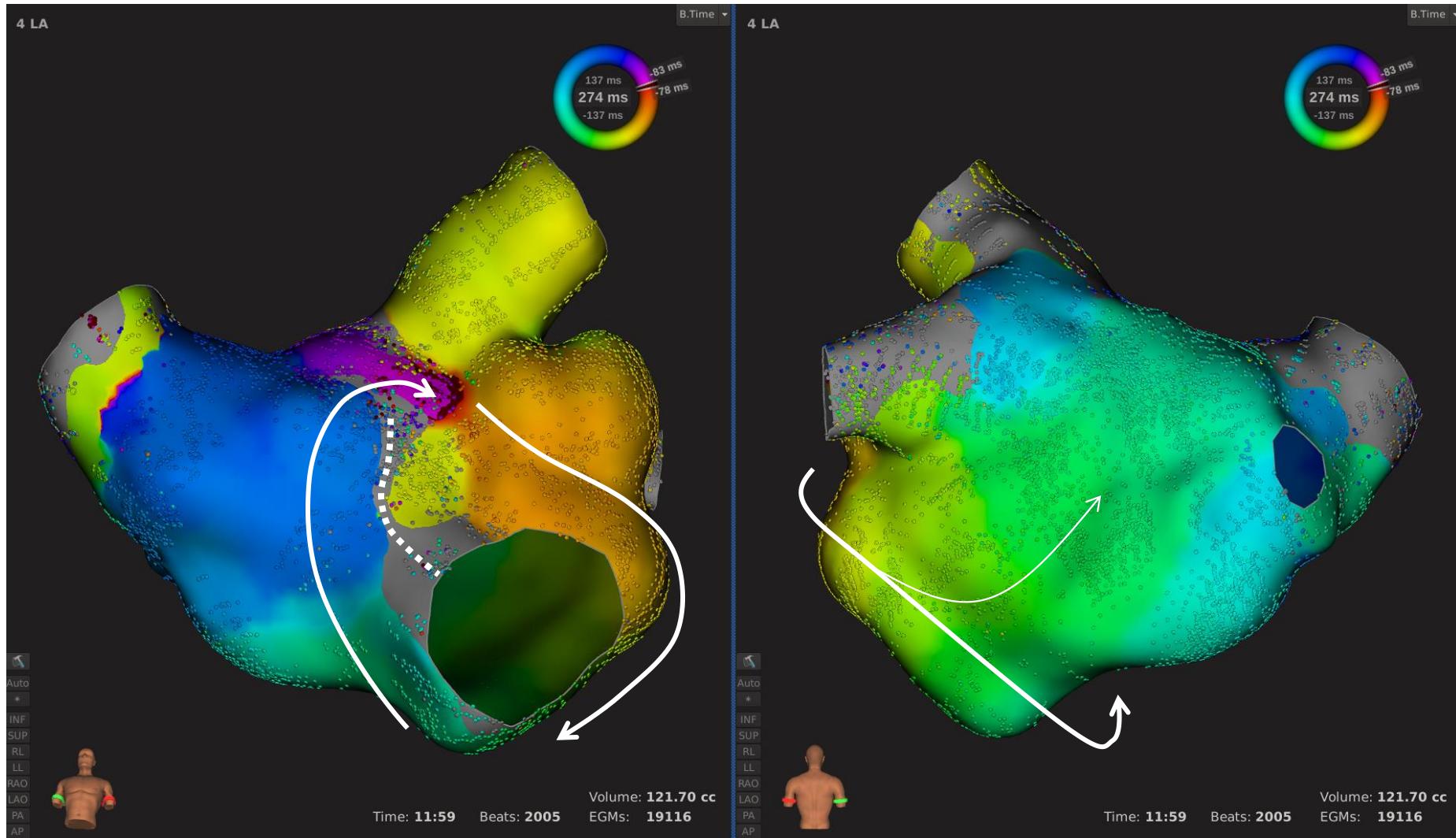
Histoire patient

- *M. JP. Bes*
- Procédure du 06/09/2017
- *perim gap ant + tachy veines droites*

Anticipation thérapeutique

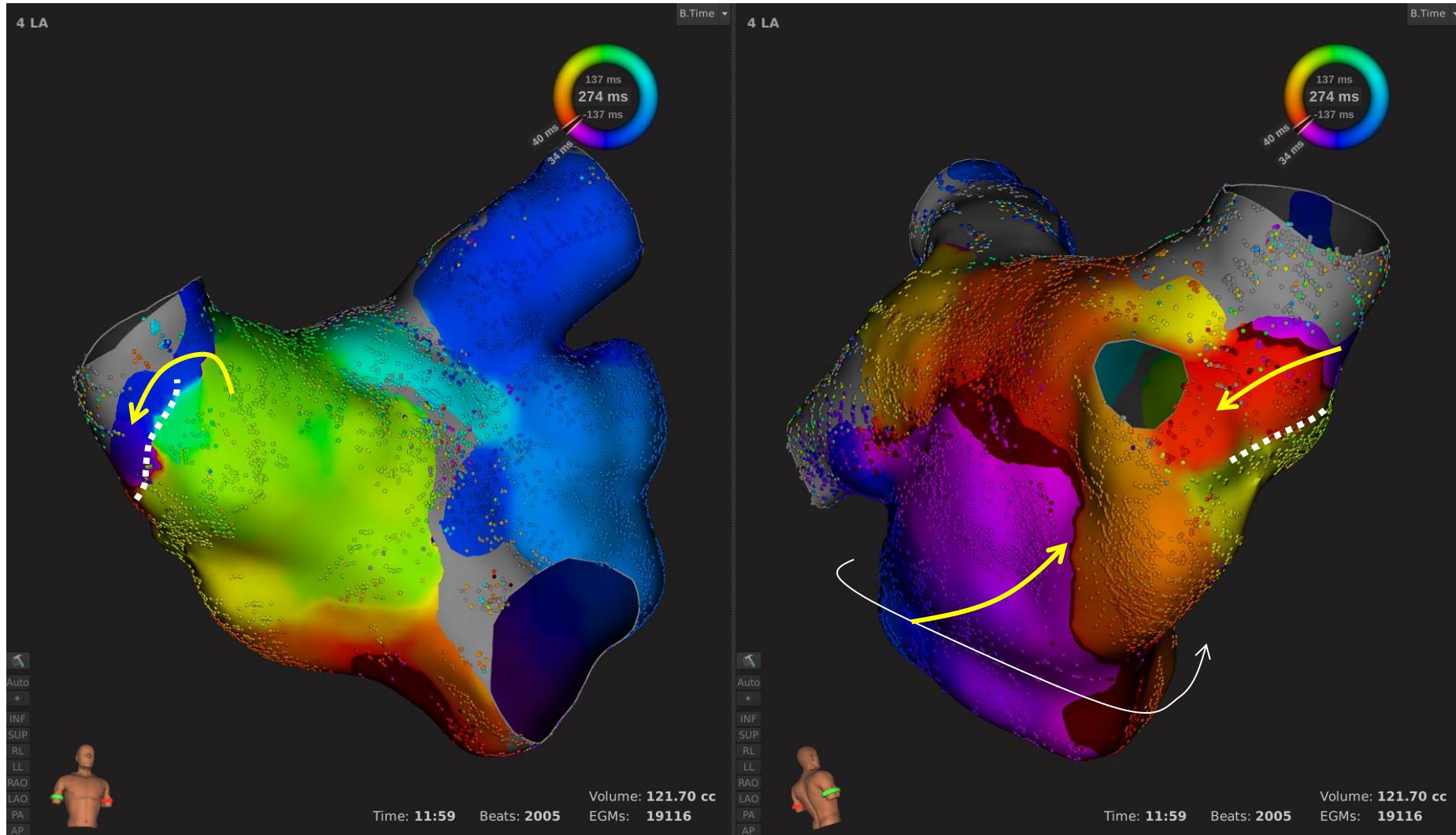
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Carte activation AP-PA



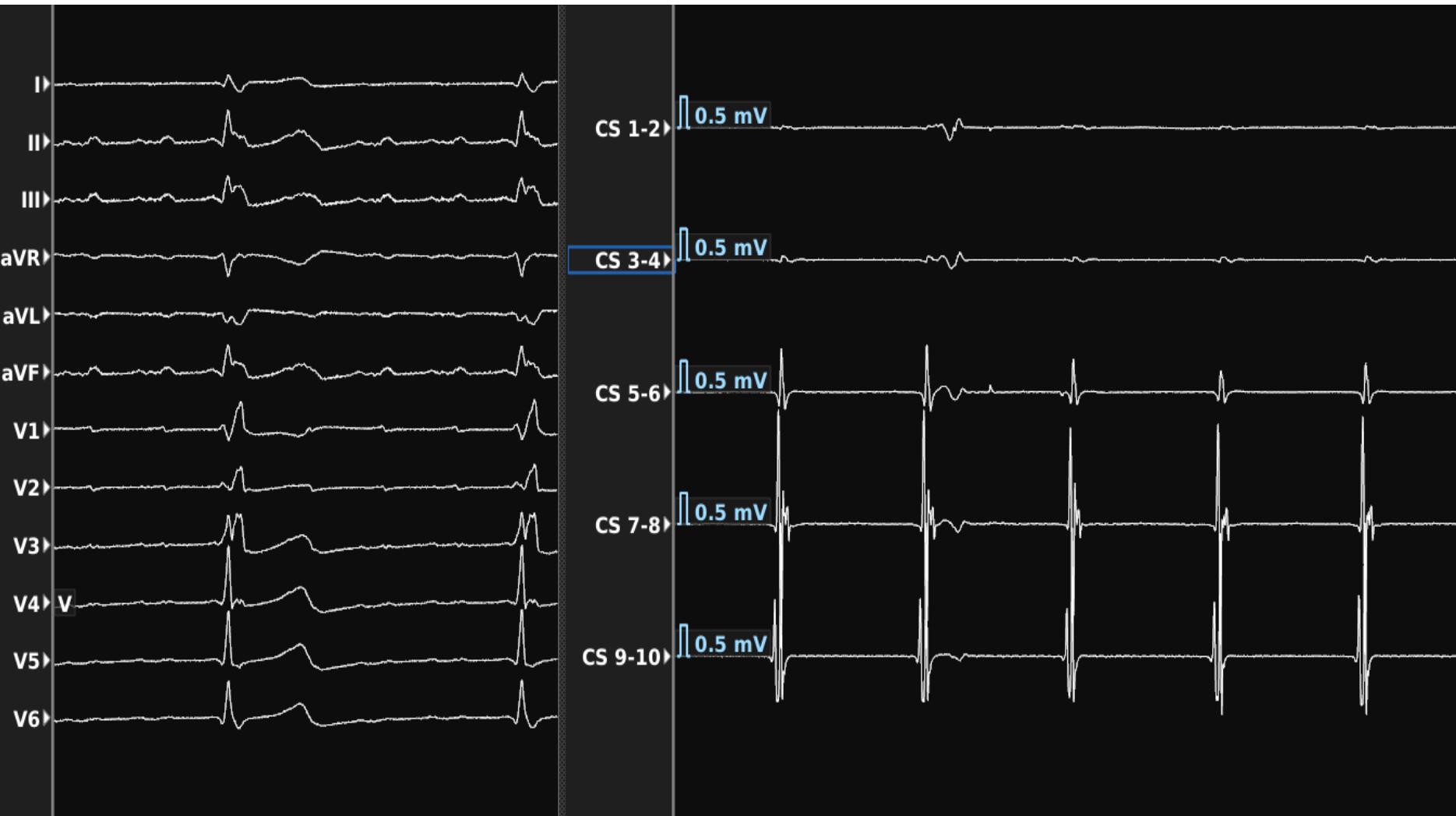
Anticipation thérapeutique

Activation VPD



Anticipation thérapeutique

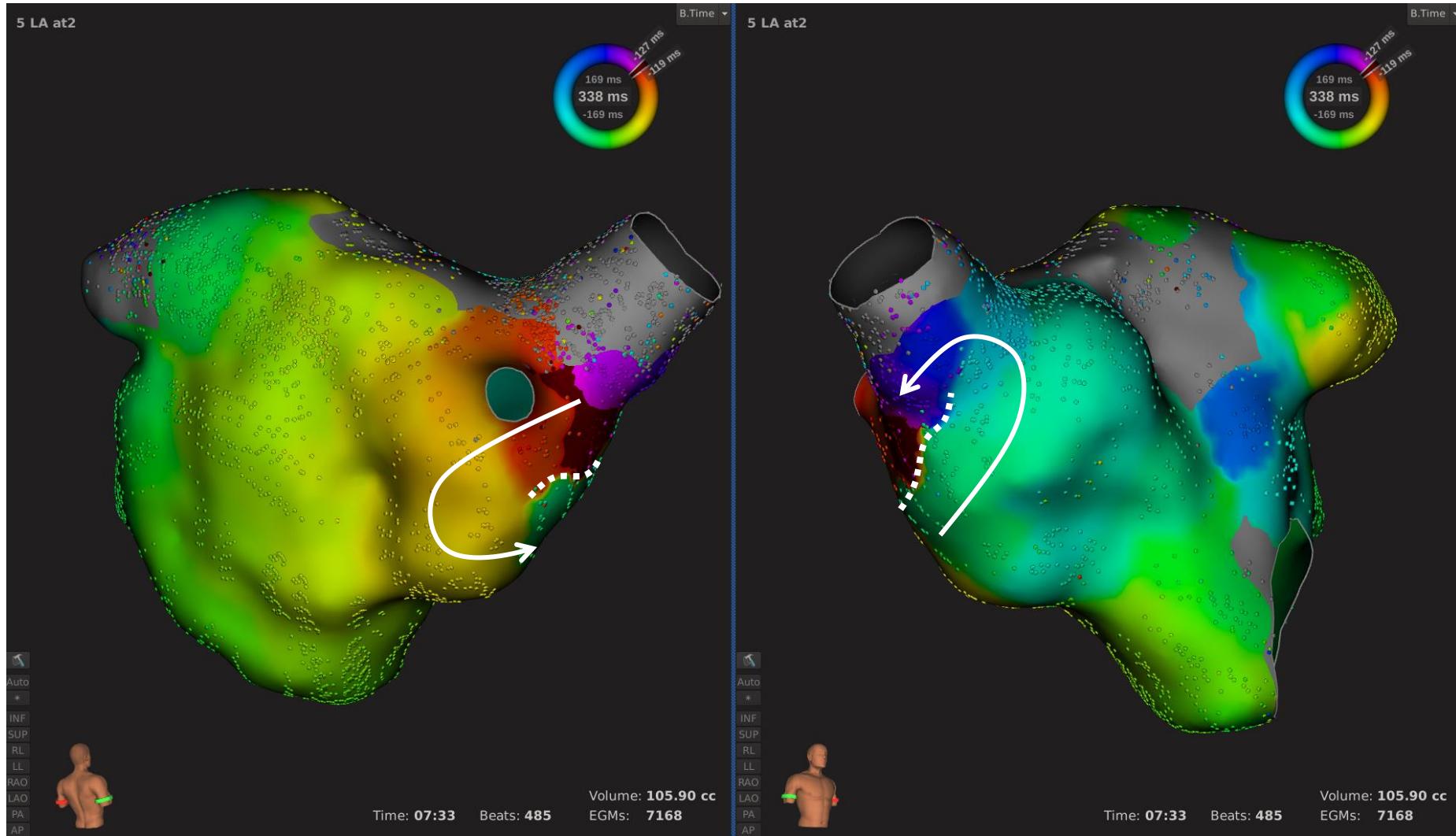
Reinduction tachy 2



Anticipation thérapeutique

6

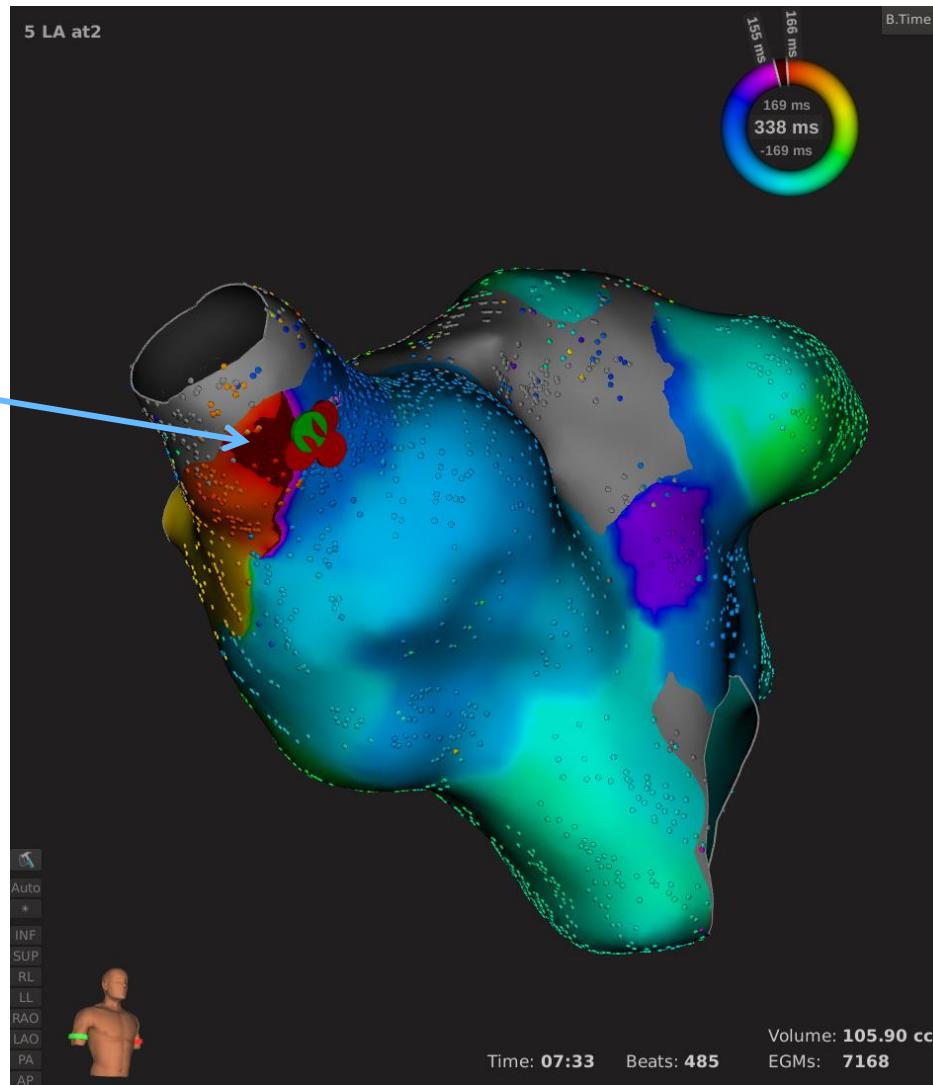
Activation TA2



Anticipation thérapeutique

6

Arrêt tachy 2



Conclusions