

# EXPERIENCE WITH ENSITE X v. 2 and TACTIFLEX

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CBI FTE MEETING

4<sup>th</sup>- 5<sup>th</sup> September 2023

Vienna, Austria

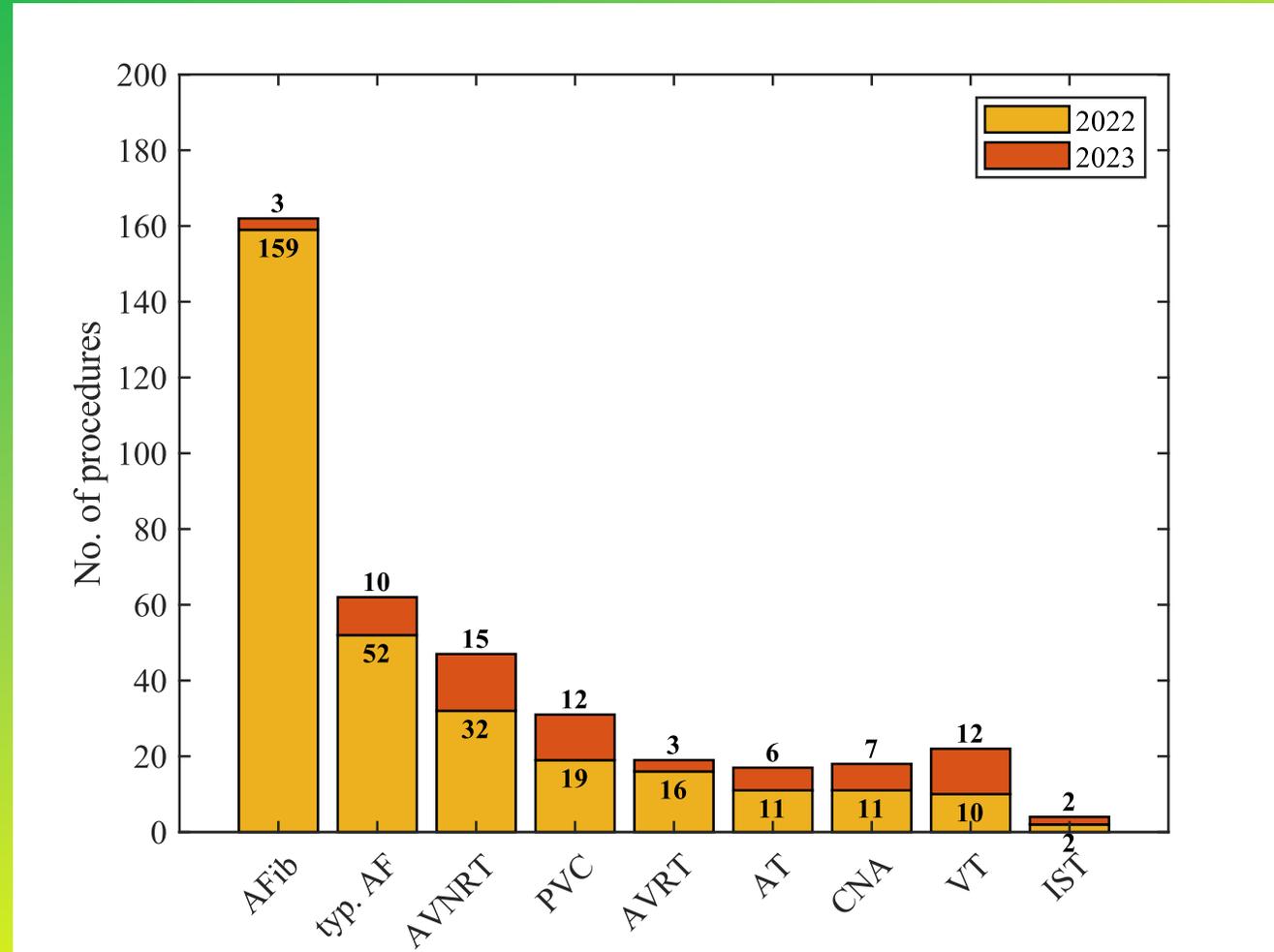


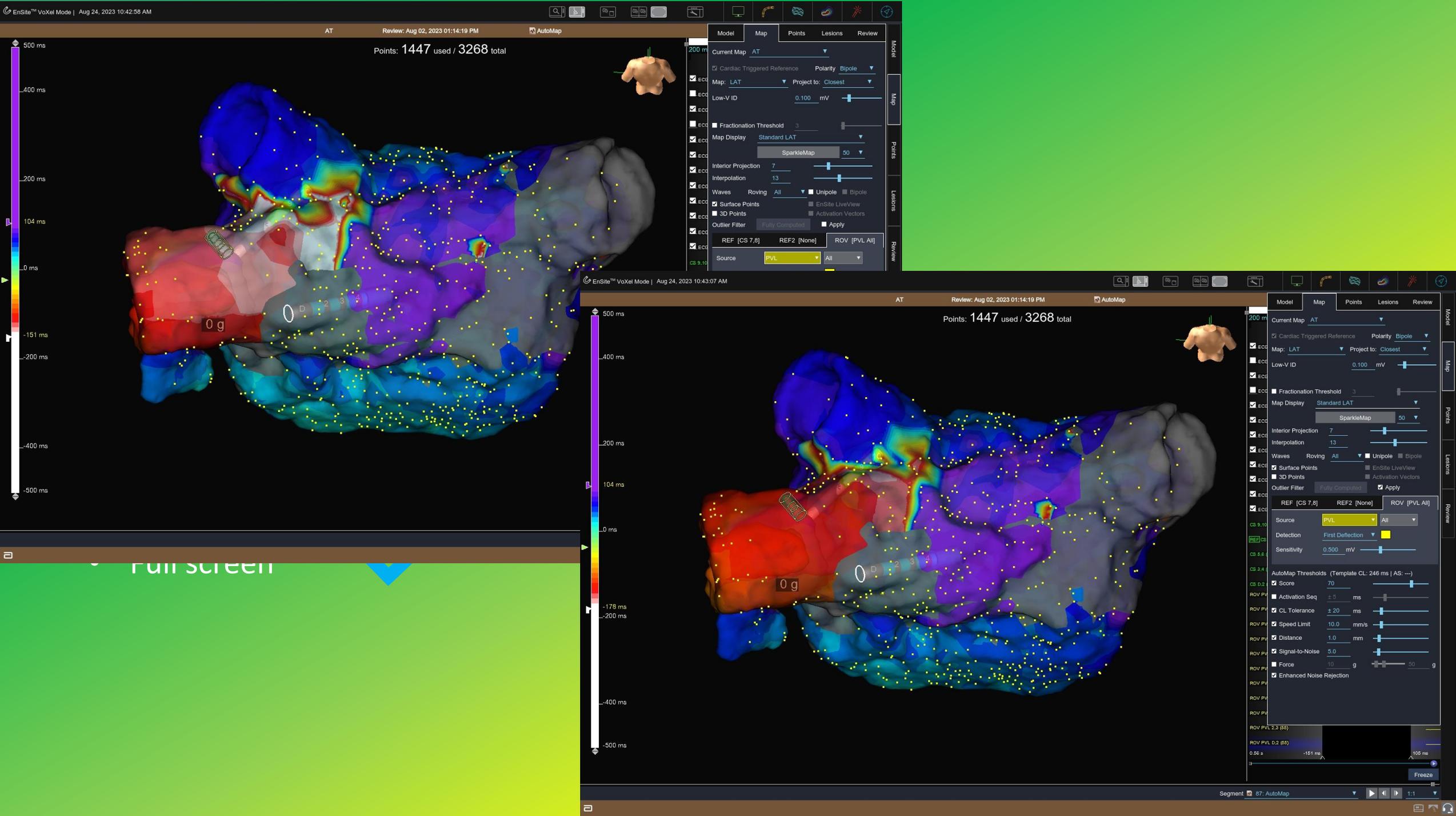
# EP LAB - History



# ENSITE X EP SYSTEM - Procedures

- First procedure 10<sup>th</sup> January 2022 – PVC
- Until the end of August 2023 in total 401 procedures
  - 264 procedures in Voxel mode (AFib, CNA, AT, PVC, VT)
  - 137 procedures in NavX mode (AVNRT, AVRT, typ. AF)





# ENSITE X EP SYSTEM – v. 2

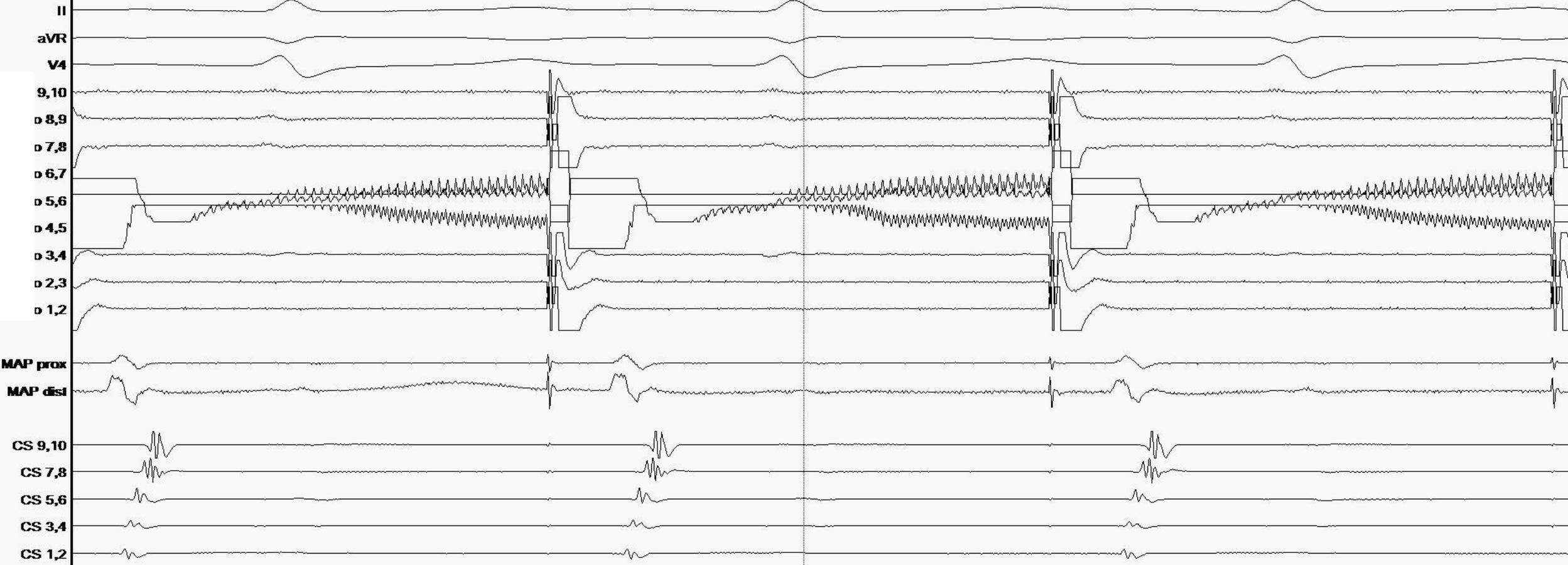
- **Omnipolar** is default
  - HDG vs. others



# ENSITE X EP SYSTEM – TactiFlex

- So far **11** procedures
- **Afib**
  - 1 PVI
  - 1 complex RFA (PVI, box, MI, CTI)
  - 1 redo RFA (2/2023 PFA Farapulse, 5/2023 redo RFA HSPD)
- **AT**
  - 1 focal substrate in RA
  - 3 reentry in LA
- **PVC/VT**
  - 2 PVC's in LV
  - 2 VT's in LV





Points and Tools Panel

Start Model Start AutoMap Stop All

ROV 3 All Sync Tag Catheter

Pointer (P)  
Use to Edit Points or to deselect other Tools.

Tag Catheter 3 D

Score 5

CL 166ms

Force 1g

P-P 0.20mV

3@SE1 PRS-A  
Laso@4 PRS-P  
Resp

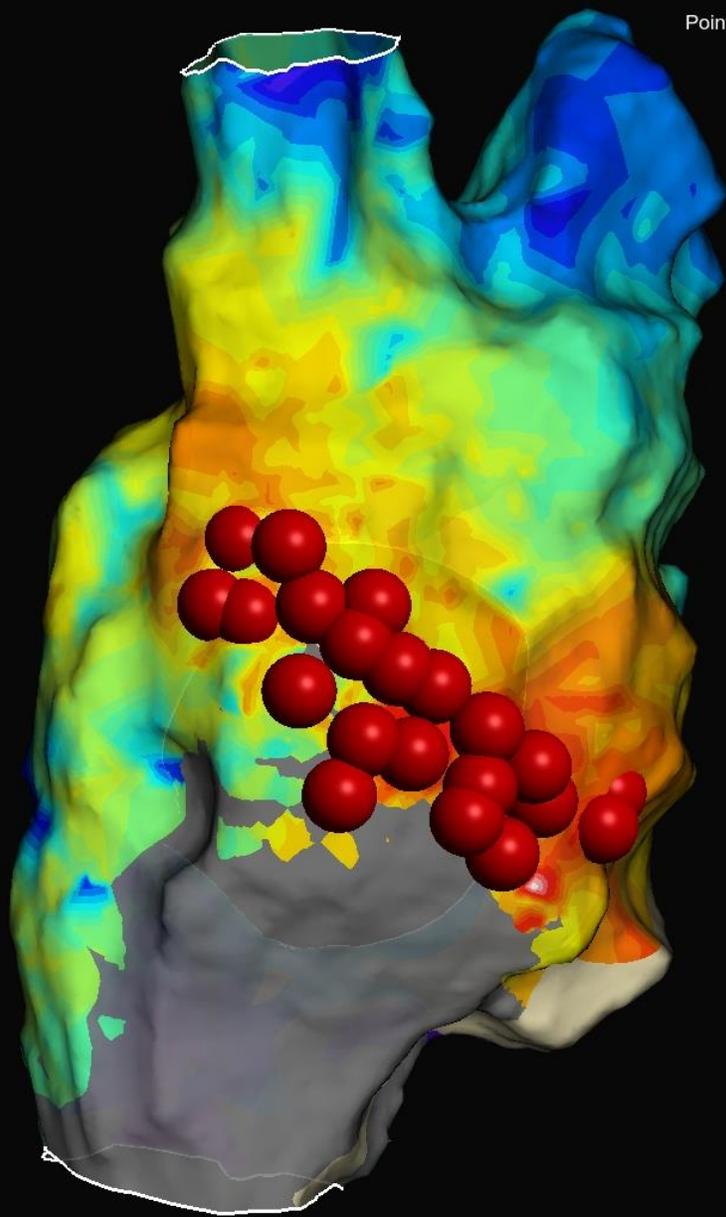
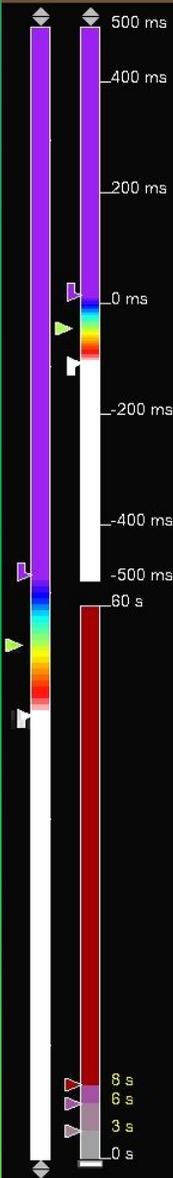


AT

Review: Mar 13, 2023 11:56:50 AM

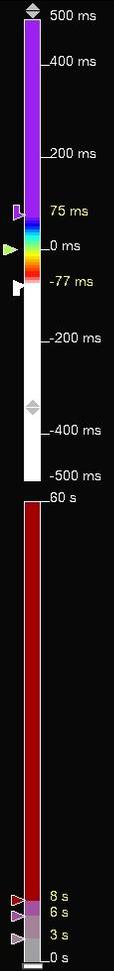
End of Study

Points: 1440 used / 15103 total

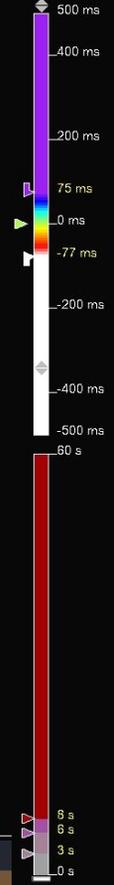
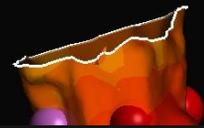


- Model
- Map
- Points
- Lesions
- Review

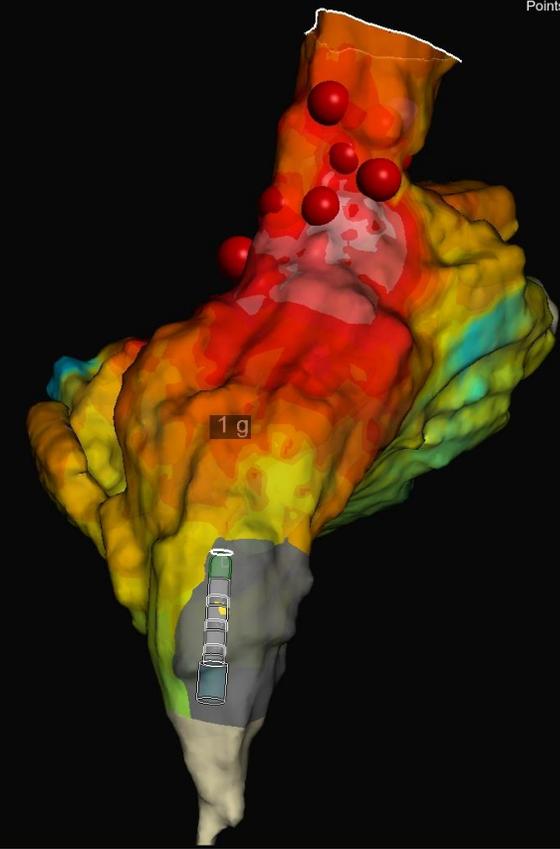
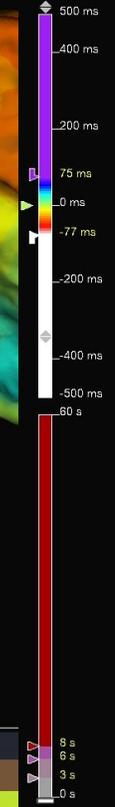
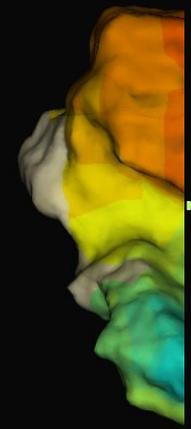
Points: 1849 used / 7366 total

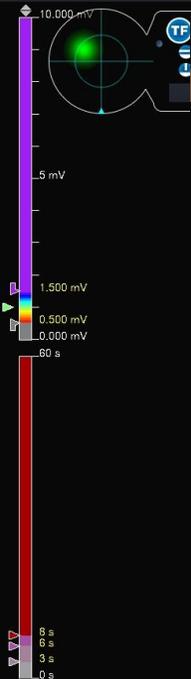


Points: 1849 used / 7366 total



Points: 1849 used / 7366 total

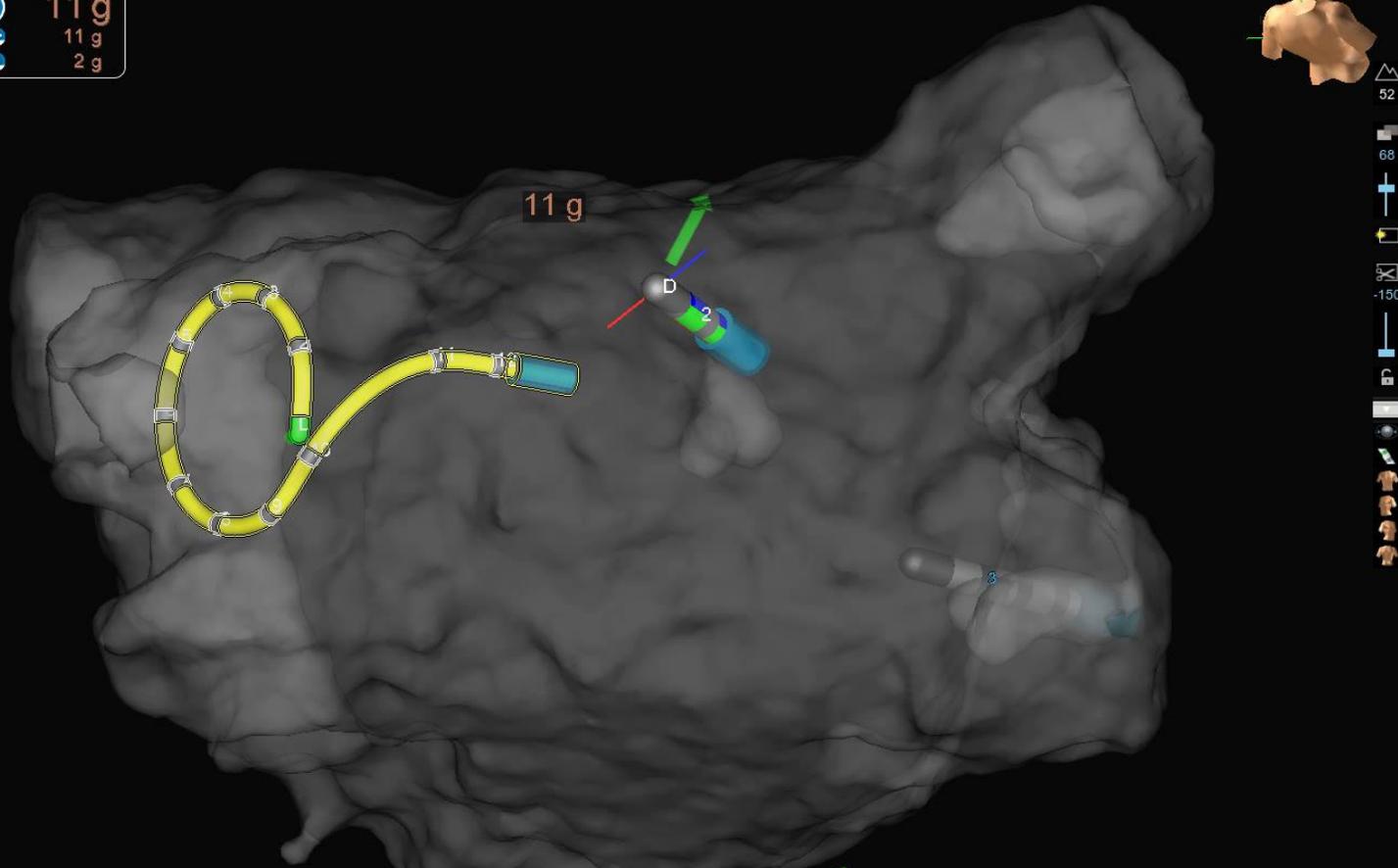




EnSite™ VoXel Mode | May 25, 2023 01:57:48 PM

AF Review: May 25, 2023 07:58:08 AM RF Session 7

TF 11 g  
11 g  
2 g



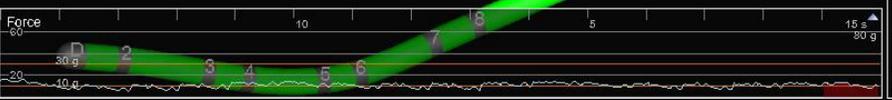
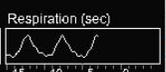
Model Map Points Lesions Review

Order by Time

54: Laso Proximal out of sh...	0 min 10 s
55: RF Session 1	0 min 31 s
56: 3 Proximal in sheath	0 min 10 s
57: 3 Proximal out of sheath	0 min 10 s
58: RF Session 2	0 min 30 s
59: RF Session 3	0 min 30 s
60: 3 Proximal in sheath	0 min 10 s
61: RF Session 4	0 min 30 s
62: RF Session 5	0 min 31 s
63: RF Session 6	0 min 30 s
64: 3 Distal in sheath	0 min 10 s
65: 3 Distal out of sheath	0 min 10 s
66: RF Session 7	0 min 30 s
67: 3 Proximal out of sheath	0 min 10 s
68: RF Session 8	0 min 31 s
69: RF Session 9	0 min 31 s
70: 3 Proximal in sheath	0 min 10 s
71: 3 Proximal out of sheath	0 min 10 s
72: 3 Proximal in sheath	0 min 10 s
73: RF Session 10	0 min 30 s
74: 3 Proximal out of sheath	0 min 10 s
75: 3 Proximal in sheath	0 min 10 s
76: 3 Distal in sheath	0 min 10 s
77: 3 Distal out of sheath	0 min 10 s
78: 3 Proximal out of sheath	0 min 10 s
79: AutoSegment	0 min 10 s
80: RF Session 11	0 min 30 s
81: RF Session 12	0 min 29 s
82: RF Session 13	0 min 29 s
83: RF Session 14	0 min 29 s
84: RF Session 15	0 min 29 s
85: RF Session 16	0 min 29 s
86: RF Session 17	0 min 28 s
87: RF Session 18	0 min 28 s
88: RF Session 19	0 min 29 s
89: RF Session 20	0 min 28 s
90: RF Session 21	0 min 29 s
91: RF Session 22	0 min 29 s
92: RF Session 23	0 min 28 s
93: RF Session 24	0 min 29 s
94: RF Session 25	0 min 28 s



Stop



Score 0  
CL ---ms  
LAT 0ms

3@SE1 PRS-A  
Laso@4 PRS-P  
Resp Resp

Proximity to EnSite surface: -3.9 mm

Segment 66: RF Session 7

REF ECG | CL 859 ms

Stop 00:36:51

REF CS 7,8 CL 594 ms

Tag Catheter 3 D

Load Edit Delete

Start Model Start AutoMap Stop All

ROV Laso All

Pointer (P) Use to Edit Points or to deselect other Tools.

Tag Catheter Laso D

Points Lesions Review

Reference Polarity Bipole

Project to: Closest

Surfaces

Flowing Catheter

LA Color

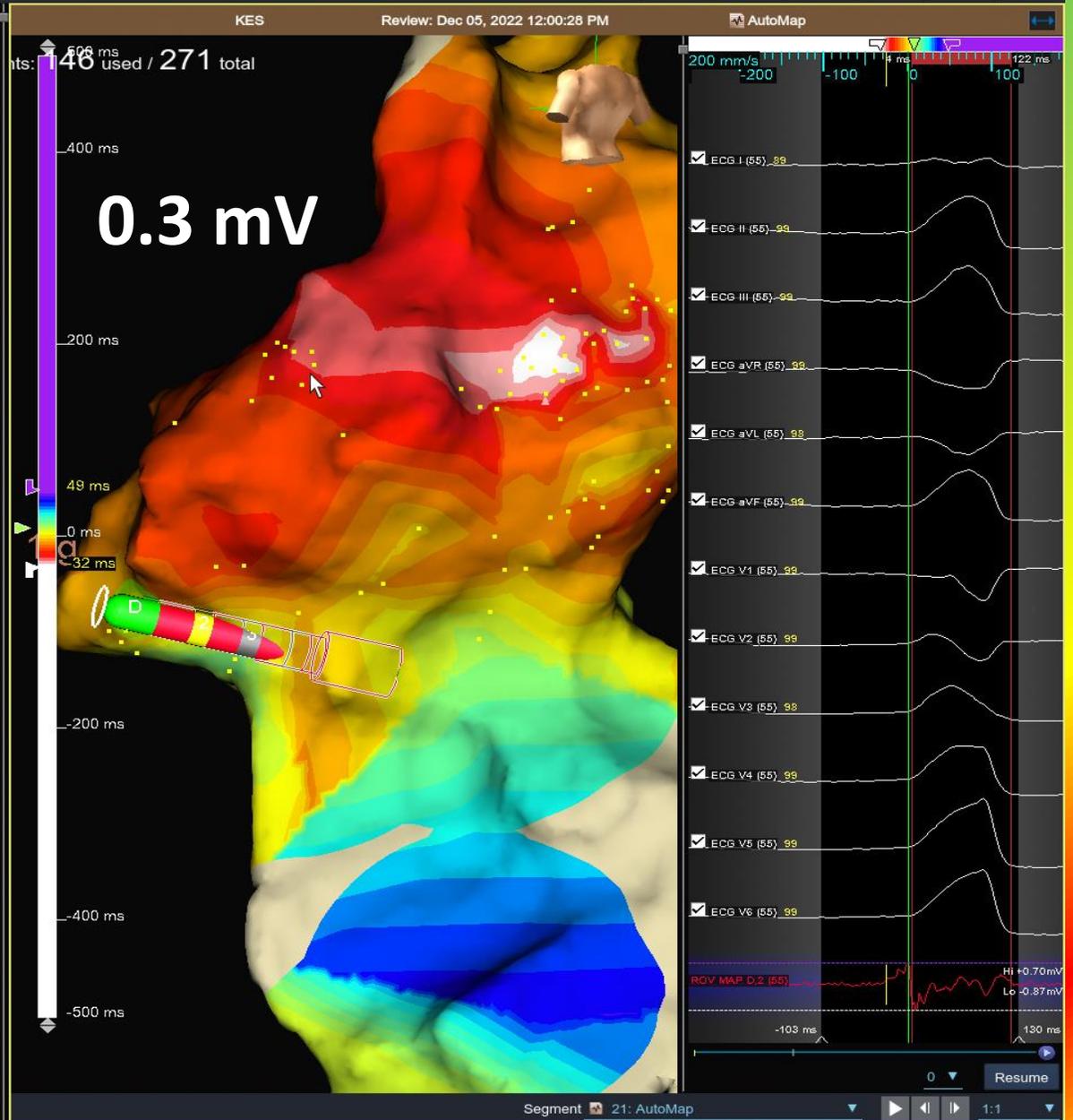
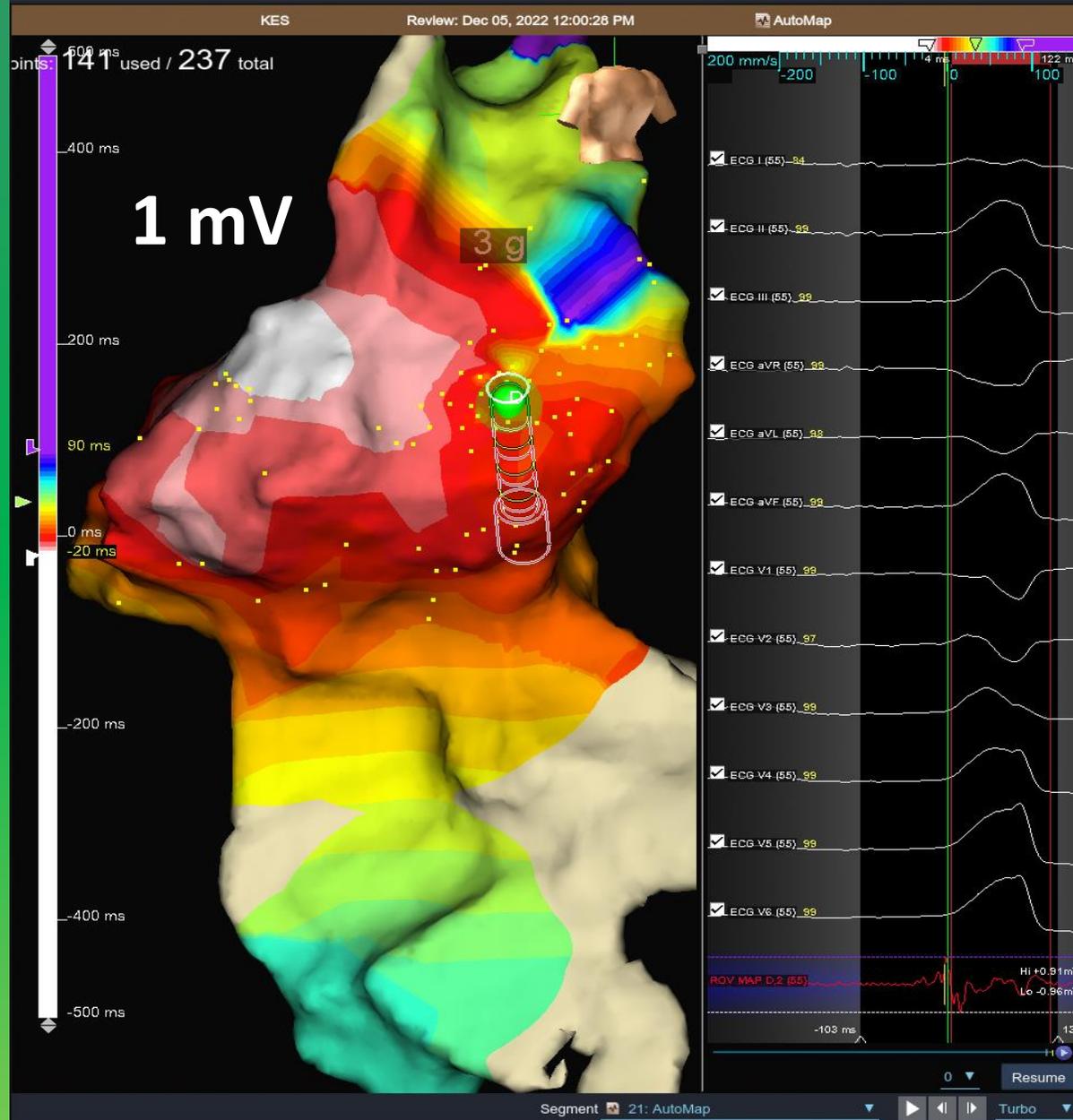
Left

Fill 10

Size 4.0

Only

Freeze

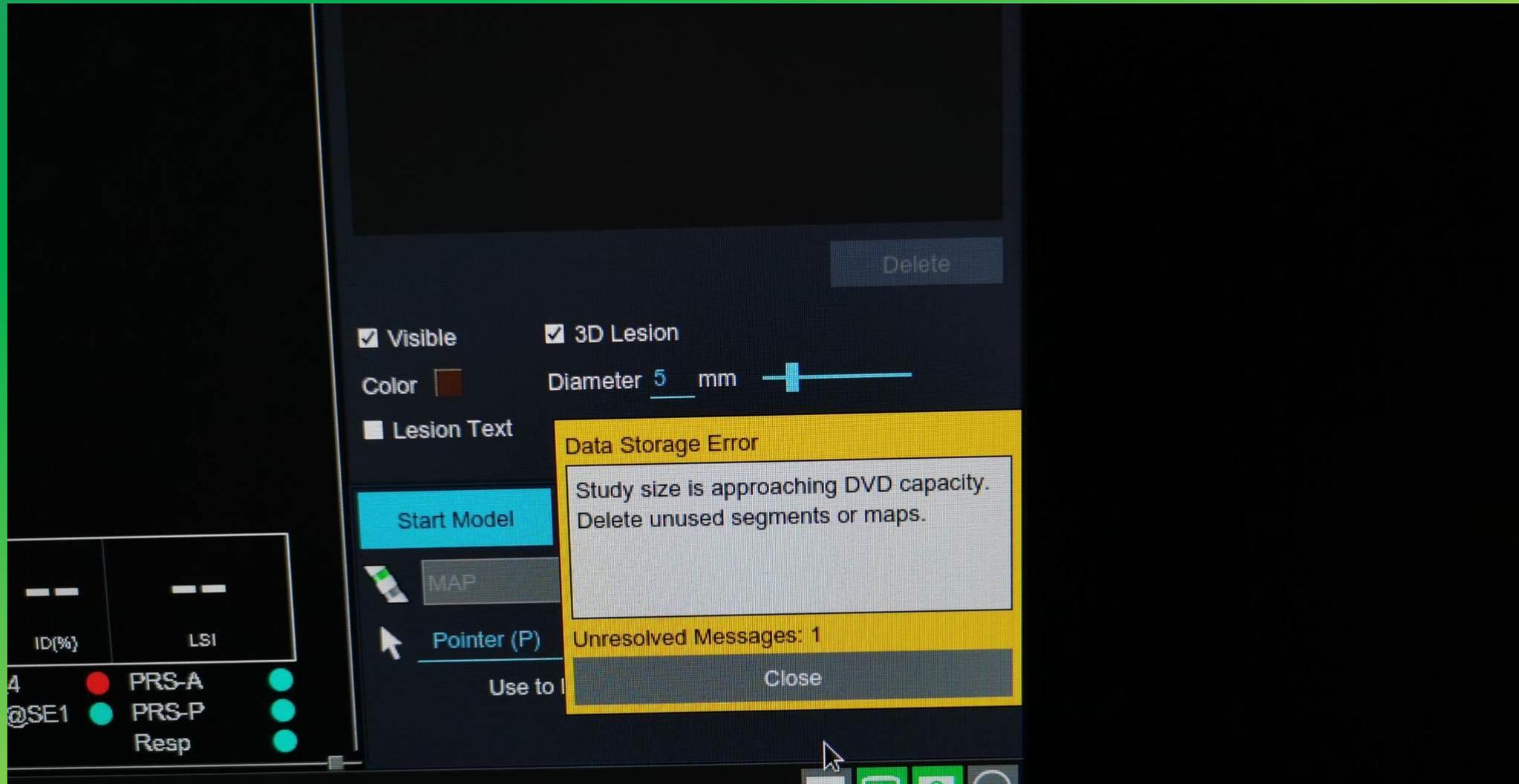


# ENSITE X EP SYSTEM – Discussion

- Turning on the system
  - Booting sequence: PC – Amplifier – Ampere – TactiSys – CoolFlow
  - Cabel to magnetic frame ?
  - Time between start of PC and amplifier



# ENSITE X EP SYSTEM – What annoys us 😊



# ENSITE X EP SYSTEM – Future version expectation

- Keyboard shortcut for **Delete Points**
- Improvement of **Outlier filter**
- Possibility to assign ablation points to model
- Possibility to see markers etc. **not only** in **finish model**
- Improvement of **respiration compensation** – stable only in GA
- Improvement of **system stability** (ON/OFF, communication between components of the system)

# ENSITE X EP SYSTEM – Conclusion

- Looking forward to next version
- **TactiFlex** has its place in our LAB
  - **HPSD** (50 W, 10 sec) works
  - Redo procedures (AT's after PFA/RFA)
  - VT's localized intramurally



**THANKS FOR  
ATTENTION**

and

**DON'T ASK  
ANY QUESTIONS**

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