

# **EGM Tracing 1**

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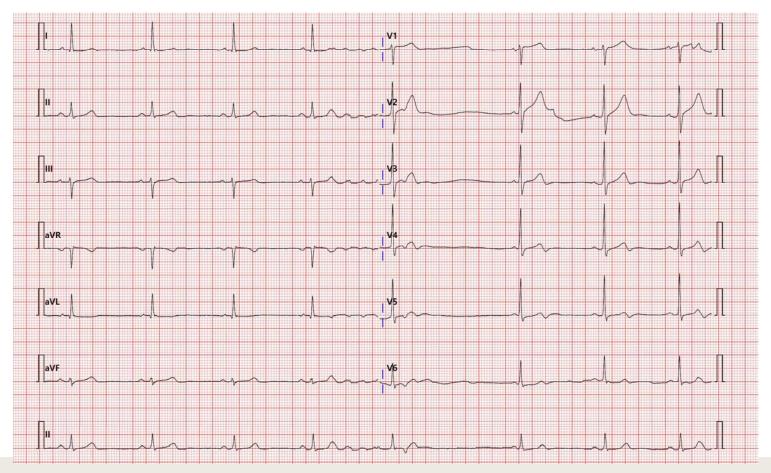
# Korean Heart Rhythm Society COI Disclosure

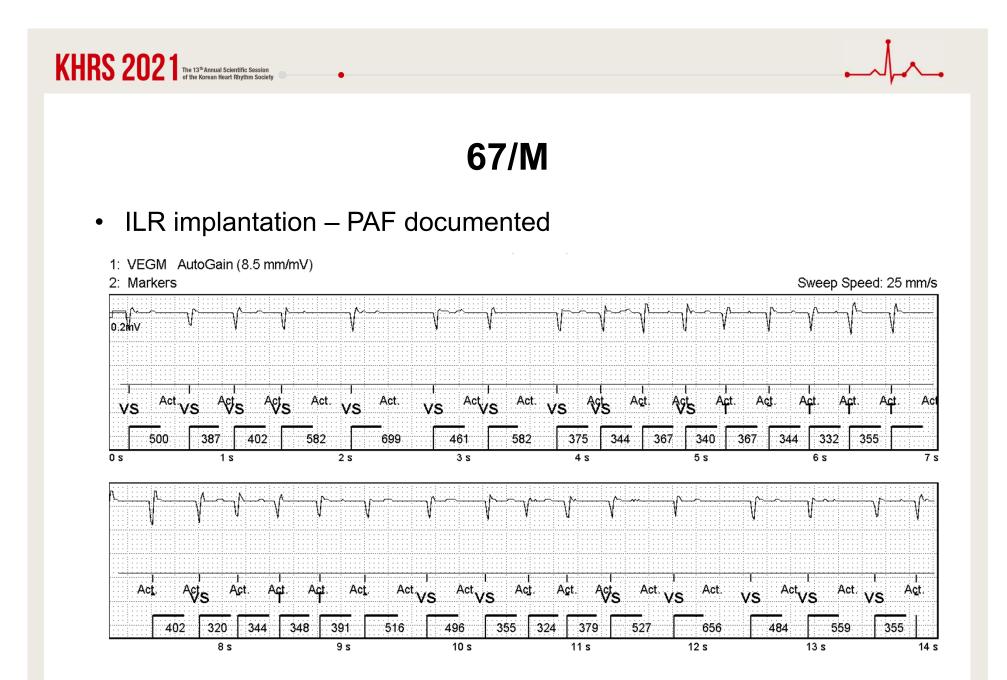
#### Name of First Author: Jongmin Hwang

The authors have no financial conflicts of interest to disclose concerning the presentation



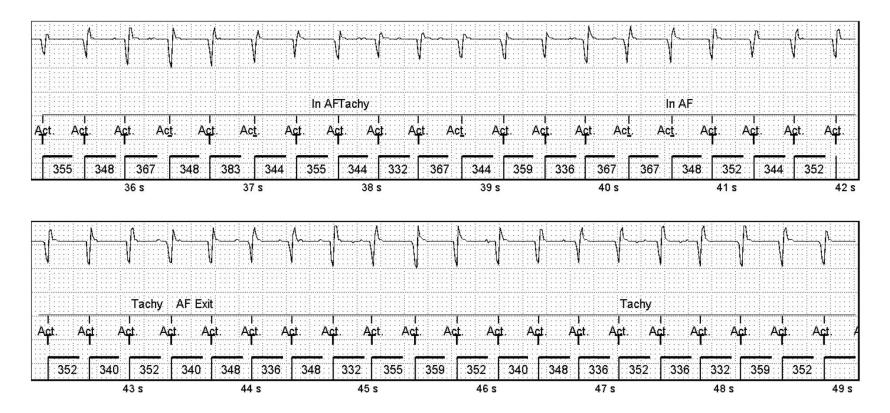
- Recurrent palpitation with dizziness
- Only sinus bradycardia with NSAT was documented by 12-lead ECG





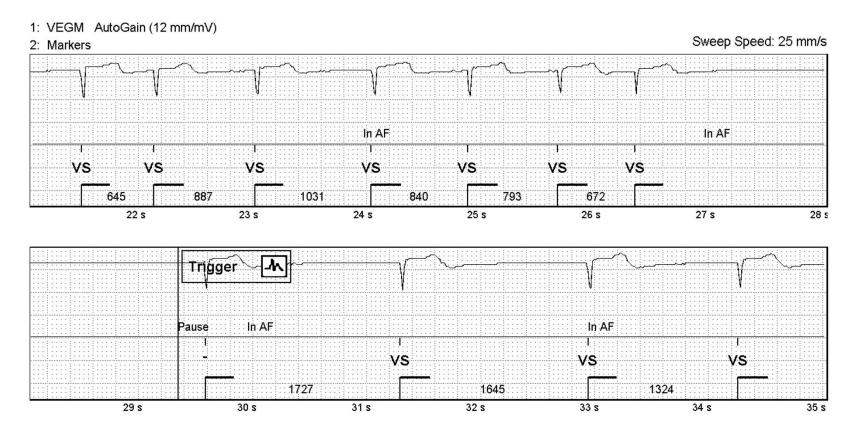


• ILR implantation – AT documented



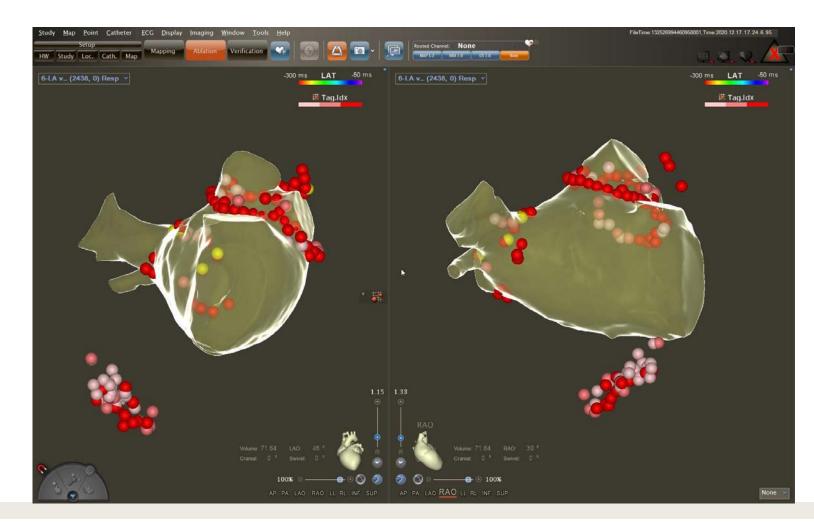


• ILR implantation – 3-second pause documented





• 4PVI+CTI was done







#### **Spontaneous AT induction** 23 24 25 aVF V1 HRA\_9,10 HRA\_7,8 HRA\_5,6 HRA\_3,4 HRA\_1,2 HIS 3,4 HIS 2,3 HIS 1,2 CS 9,10 CS 7,8 CS 5,6 CS 3,4 CS 1,2





### **Overdrive pacing with Prox. CS**



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#### **Overdrive pacing with Distal CS** 34 35 36 aVF V1 HRA\_9,10 HRA\_7,8 HRA\_5,6 HRA\_3,4 HRA\_1,2 HIS 3,4 HIS 2,3 HIS 1.2 CS 9,10 CS 7,8 CS 5,6 CS 3,4 CS 1,2 280 280 280 280





### **Overdrive pacing with Distal CS**







### **Spontaneous termination**



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## Reinduction



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## Sequence change 1







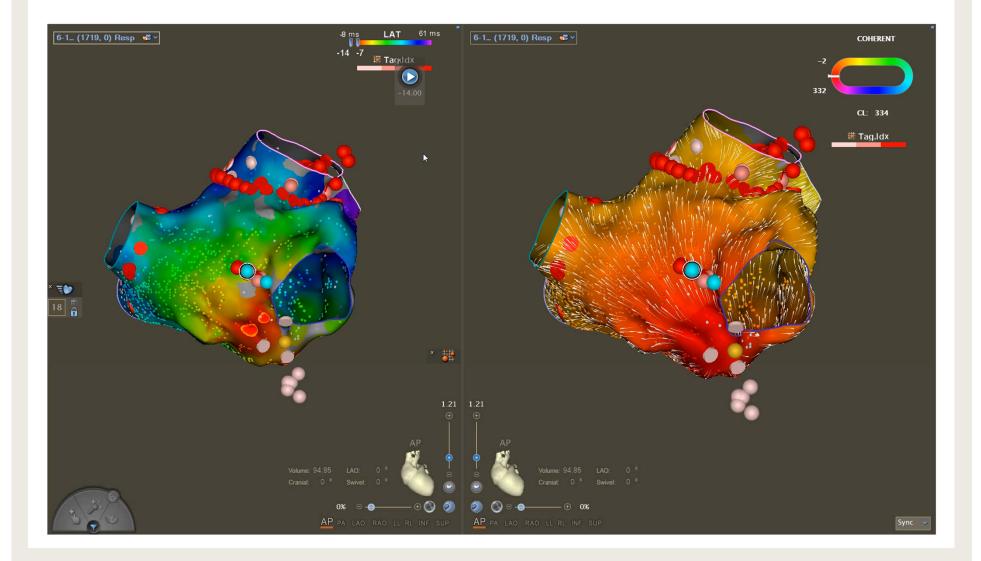
## Sequence change 2







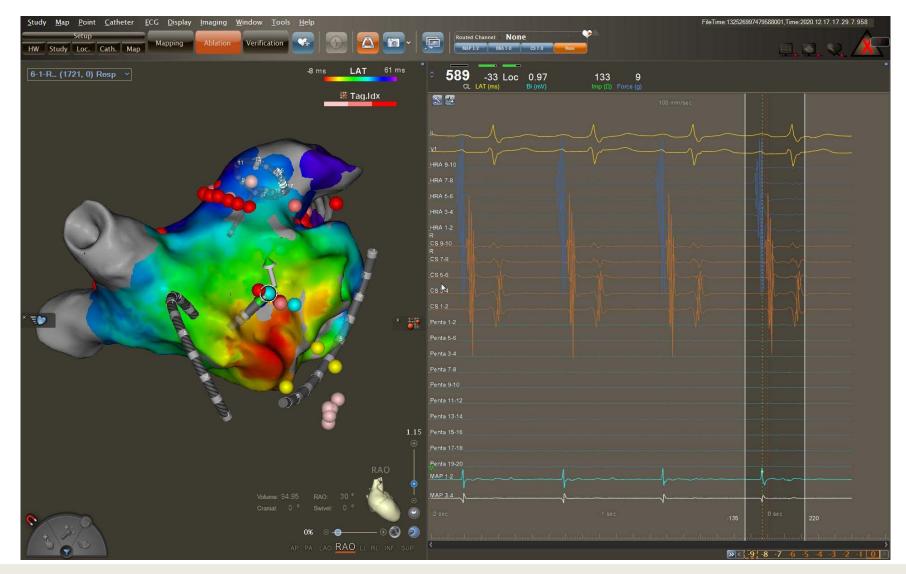
### **Activation mapping**







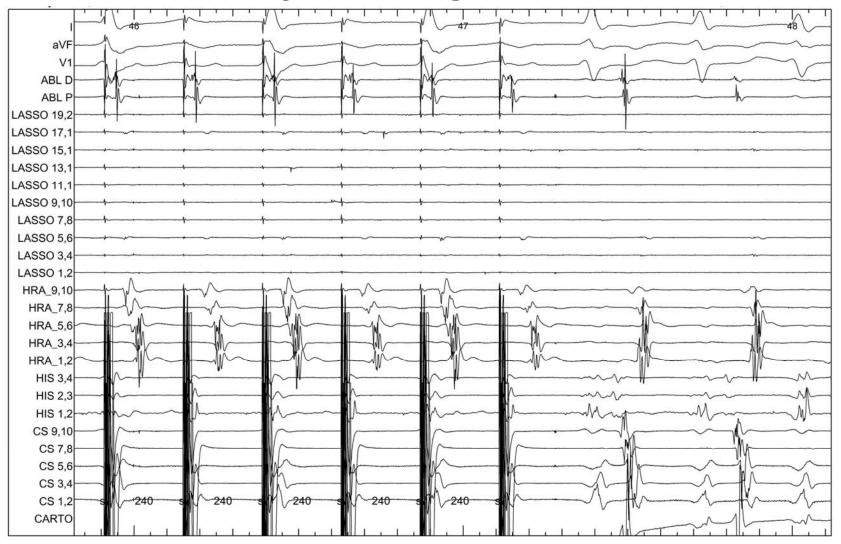
#### **Ablation – Earliest LA site**







#### Induced by A pacing after ablation



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# Induced by A pacing 500/250

		15	
aVF			
V1		hand	
ABL D	X	M	han han han han han h
ABL P		it	hy i i i i i i i i i i i i i i i i i i i
LASSO 19,2		þ	ki
LASSO 17,1			
LASSO 15,1		<i>۱</i>	
LASSO 13,1		•	
LASSO 11,1		<b>├</b> ──	~~~~~
LASSO 9,10		þ	
LASSO 7,8		þ	h
LASSO 5,6	1	P	k
LASSO 3,4	1	·	•
LASSO 1,2		**	
HRA_9,10		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
HRA_7,8			
HRA_5,6		-W	
HRA_3,4			
HRA_1,2	W		
HIS 3,4	<b>I</b> A	han	h h h h h h h h h h h h h h h h h h h
HIS 2,3		m-m	h h h h h h h h h h h h h h h h h h h
HIS 1,2		hand	Manual Manual March Marc
CS 9,10			
CS 7,8			N/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
CS 5,6	<b>/</b>	1 stand	
CS 3,4		hand	
CS 1,2	s	1-250 \s	
CARTO			





### **Premature V terminated tachycardia**

I aVF V1 ABL D ABL P LASSO 19,2 LASSO 19,2 LASSO 19,2 LASSO 19,2 LASSO 19,2 LASSO 19,2 LASSO 19,2 LASSO 13,1 LASSO 13,1 LASSO 9,10 LASSO 7,8 LASSO 5,6 LASSO 3,4		
LASSO 3,4 LASSO 1,2		γ +
HRA_9,10		t
HRA_7,8		h
HRA_5,6 HRA_3,4		
HRA_1,2	1 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	man har
HIS 3,4	1 W Y W Y	h
HIS 2,3		hp
HIS 1,2	hand have been here had have the	H hanne to the second s
CS 9,10		h h h h h h h h h h h h h h h h h h h
CS 7,8		
CS 5,6		
CS 3,4		
CS 1,2		
CARTO		



# **Slow pathway ablation!**

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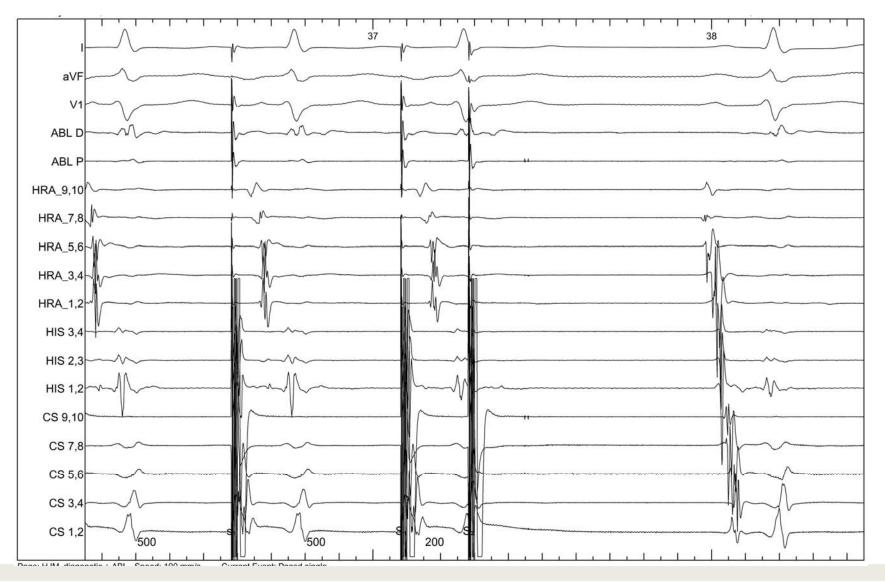
#### A EST 500/240 - no induction







## **A EST 500/200 – AVN ERP**





### **Burst A pacing 200ms – No induction**

