

... Hazard ??





*... can we think of any circumstance,
which is able to give
an electrophysiologist even the smell of
... hazard ... ?*

“Master of Disease” - I do it my way”

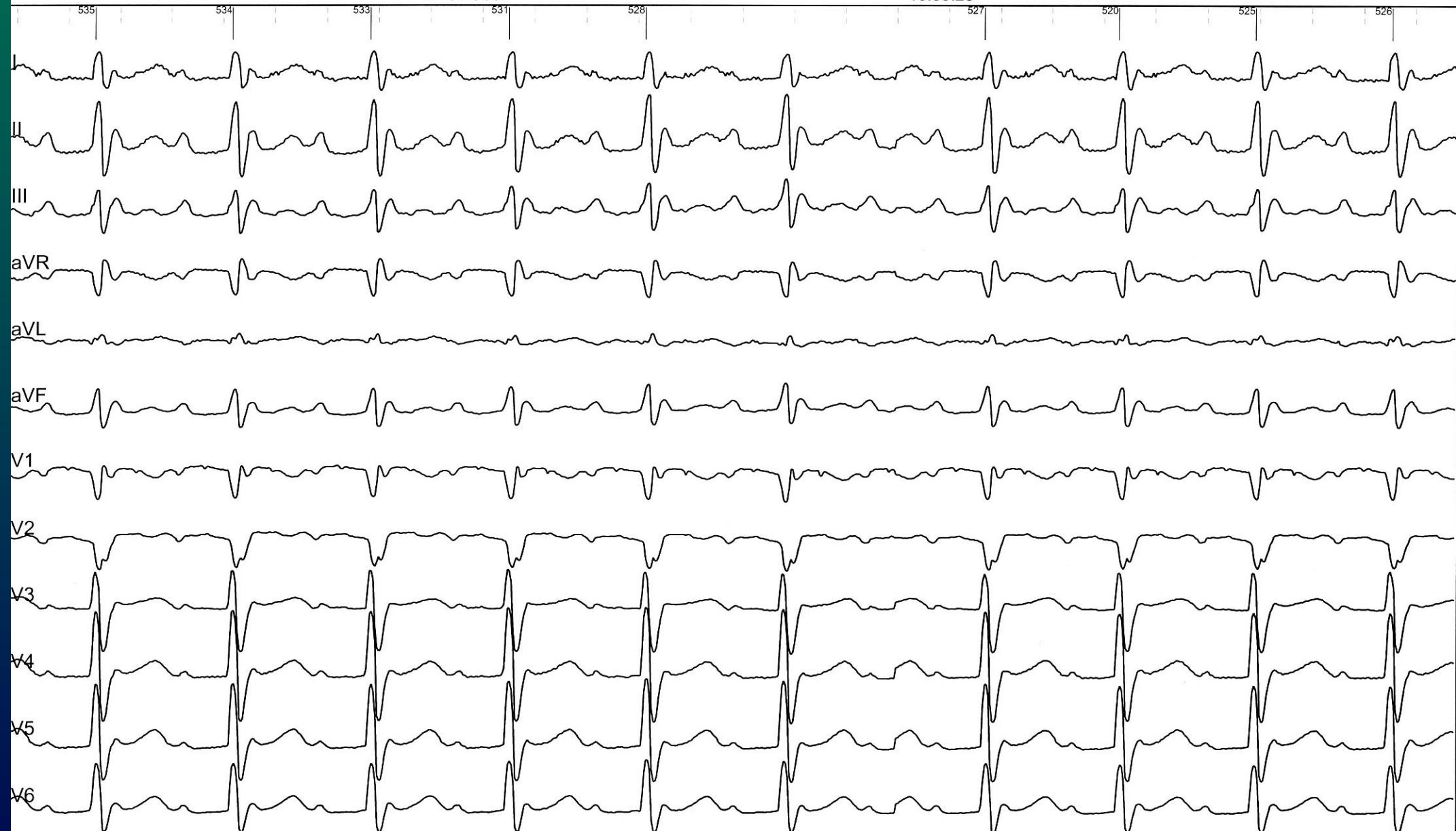
- m, 71 J.
- KHK
- ACVB 1997
- **Diabetes mellitus II**
- **Chron. obstruktive Lungenerkrankung**
- **Rez. Vorhofflimmern**
- **Rez. Atriale Tachykardien**

ID: 206247

Bremen
EPU Labor

04.04.2006
10:59:23

EPControl

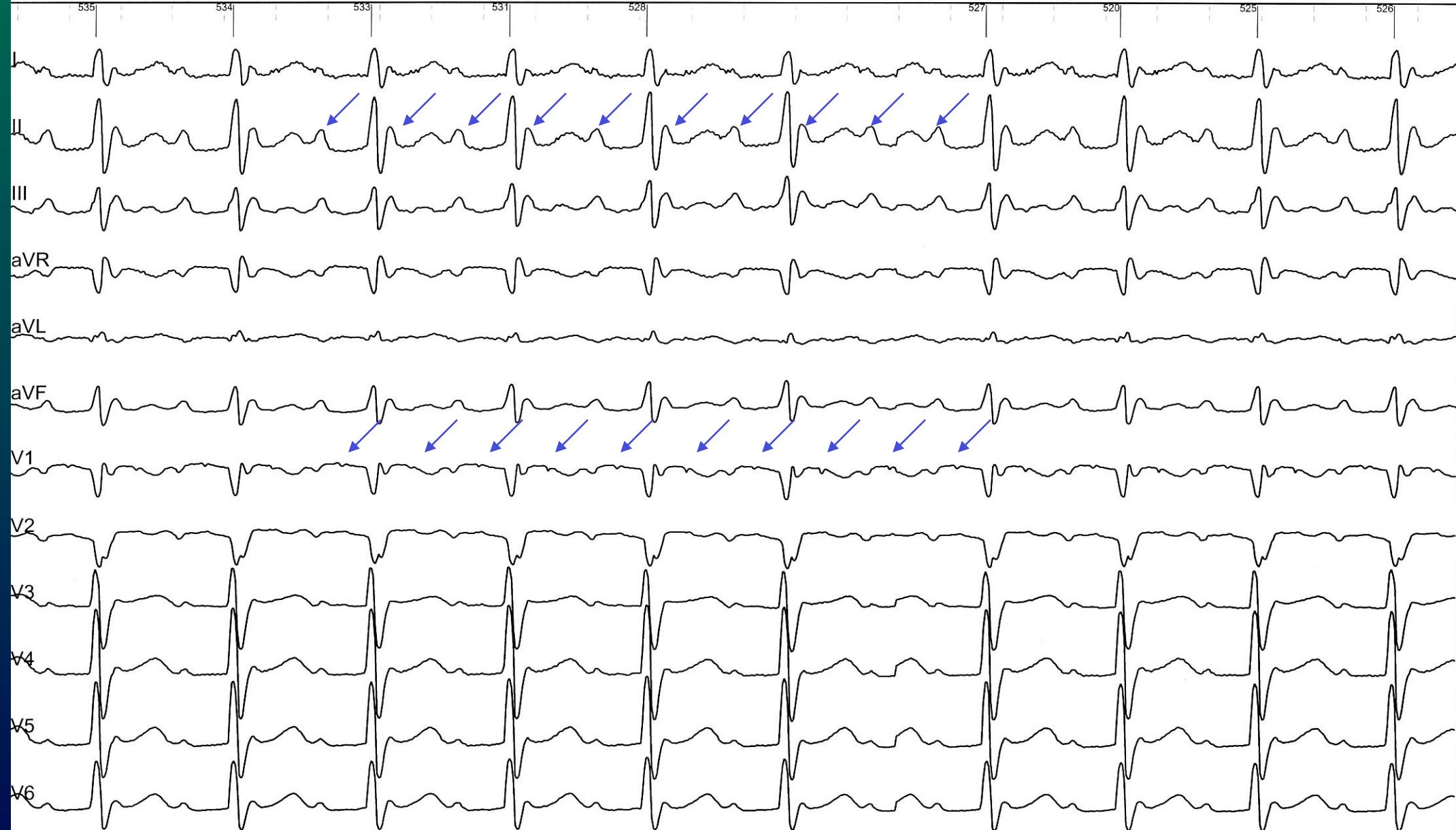


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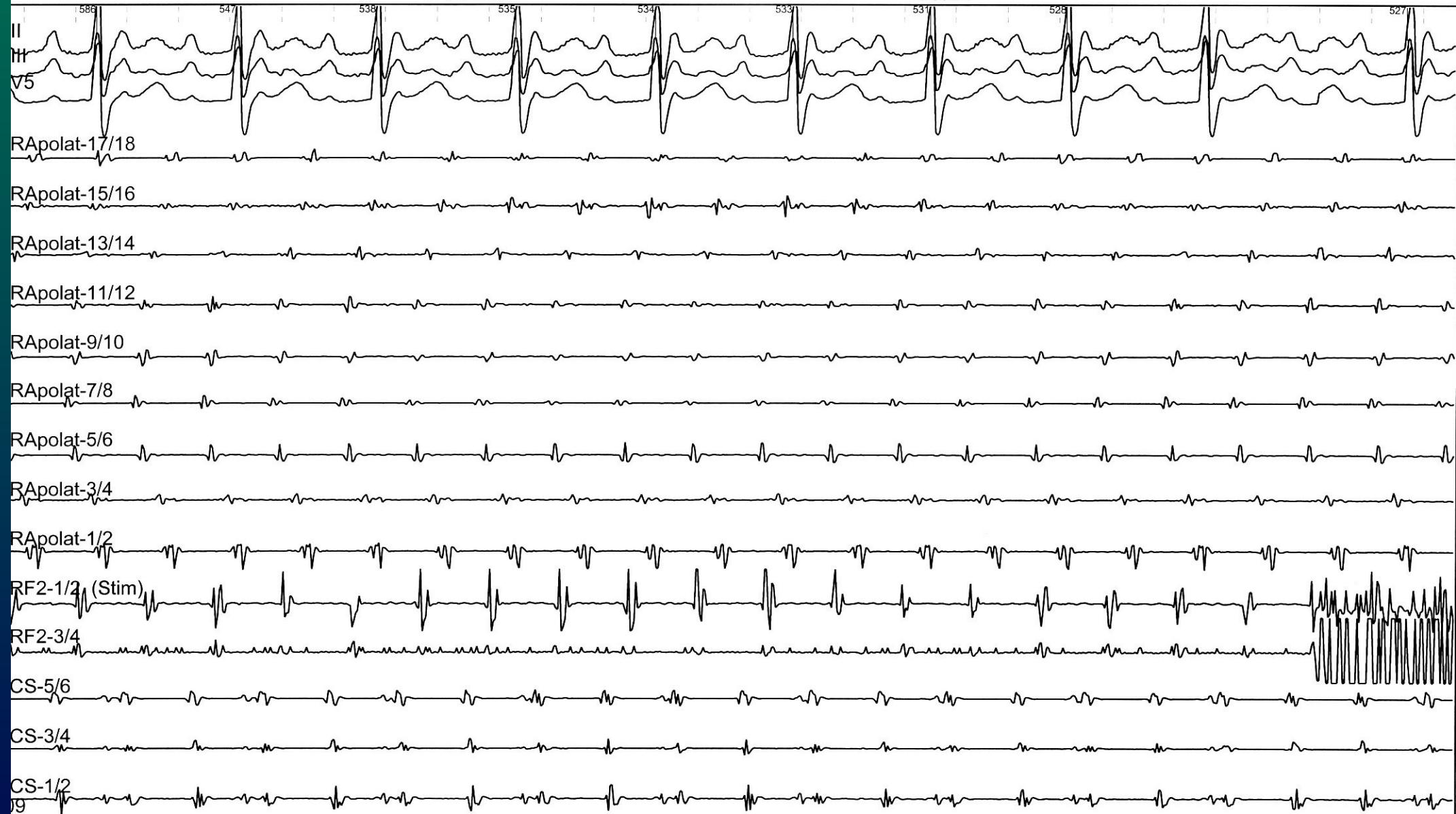
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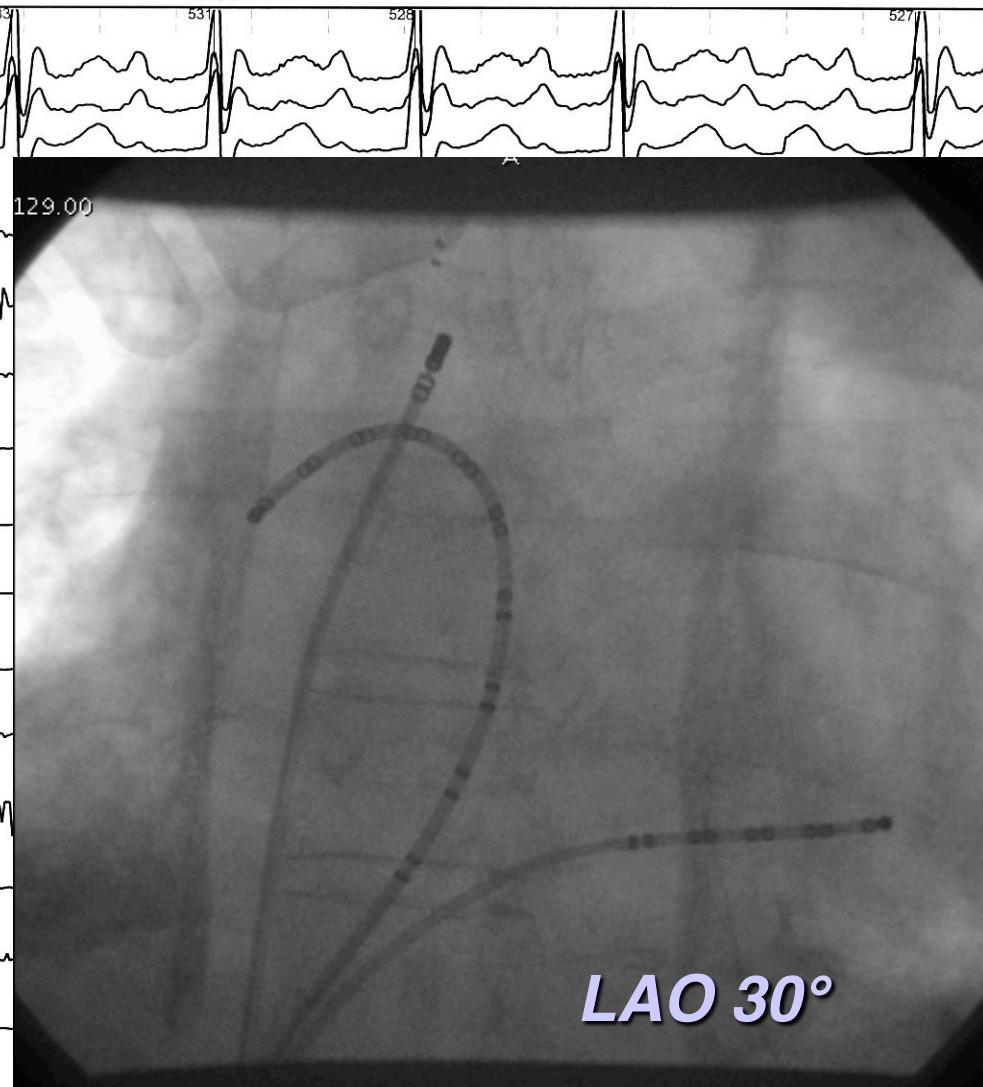


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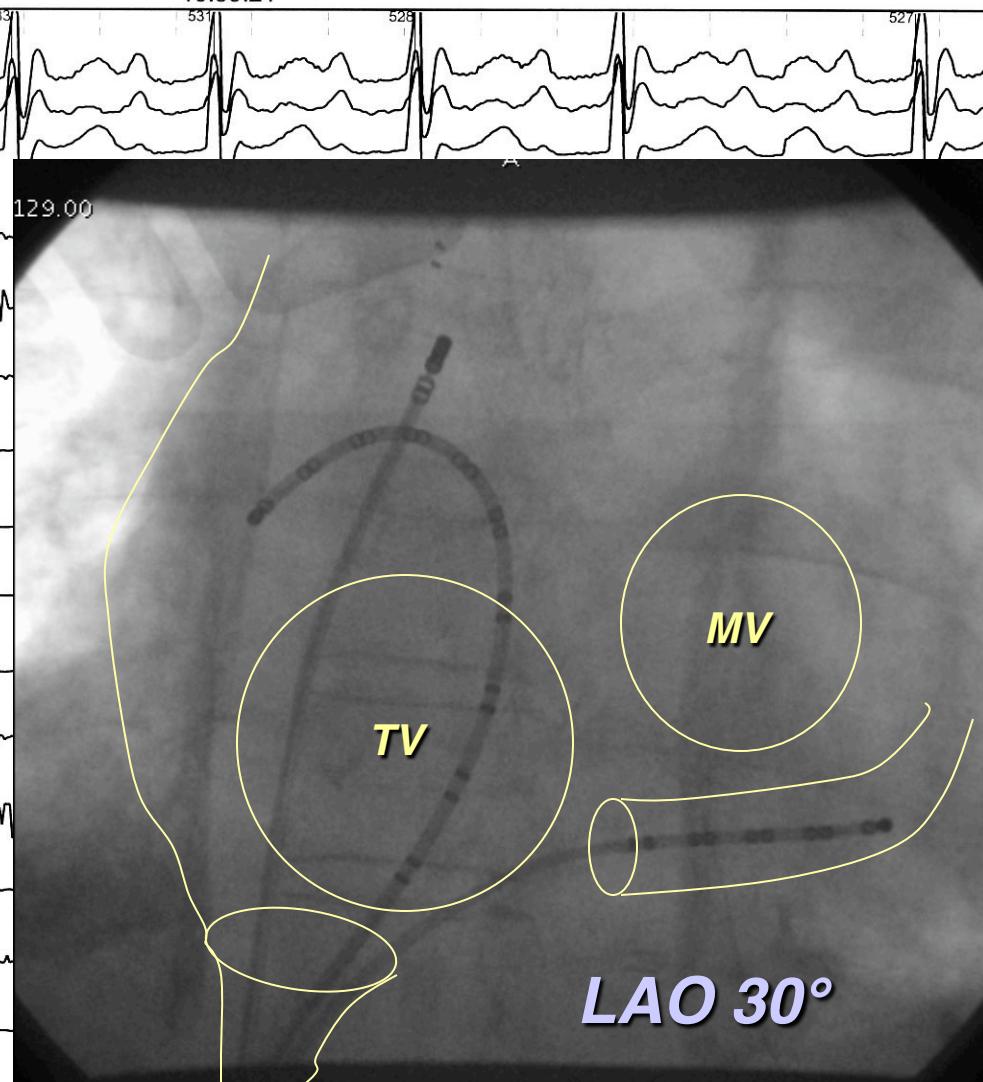
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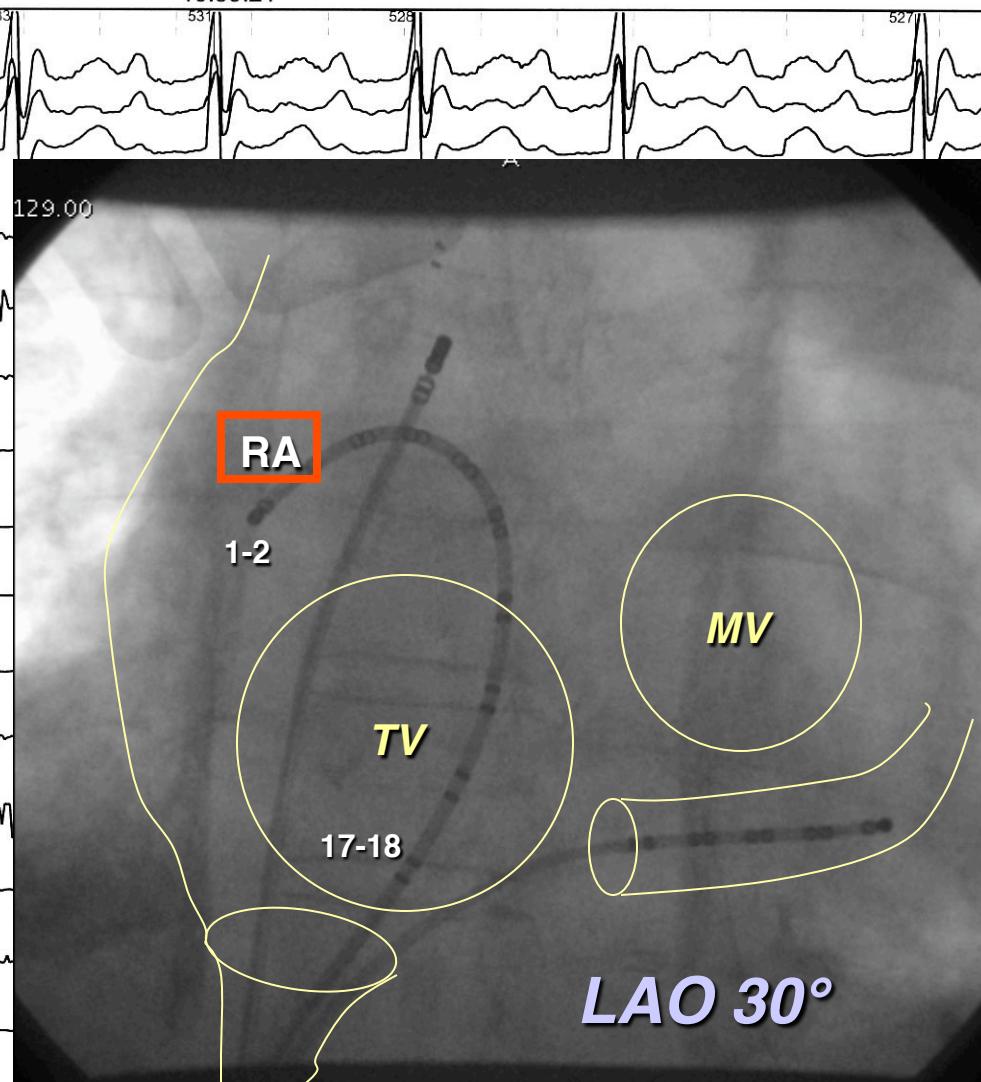
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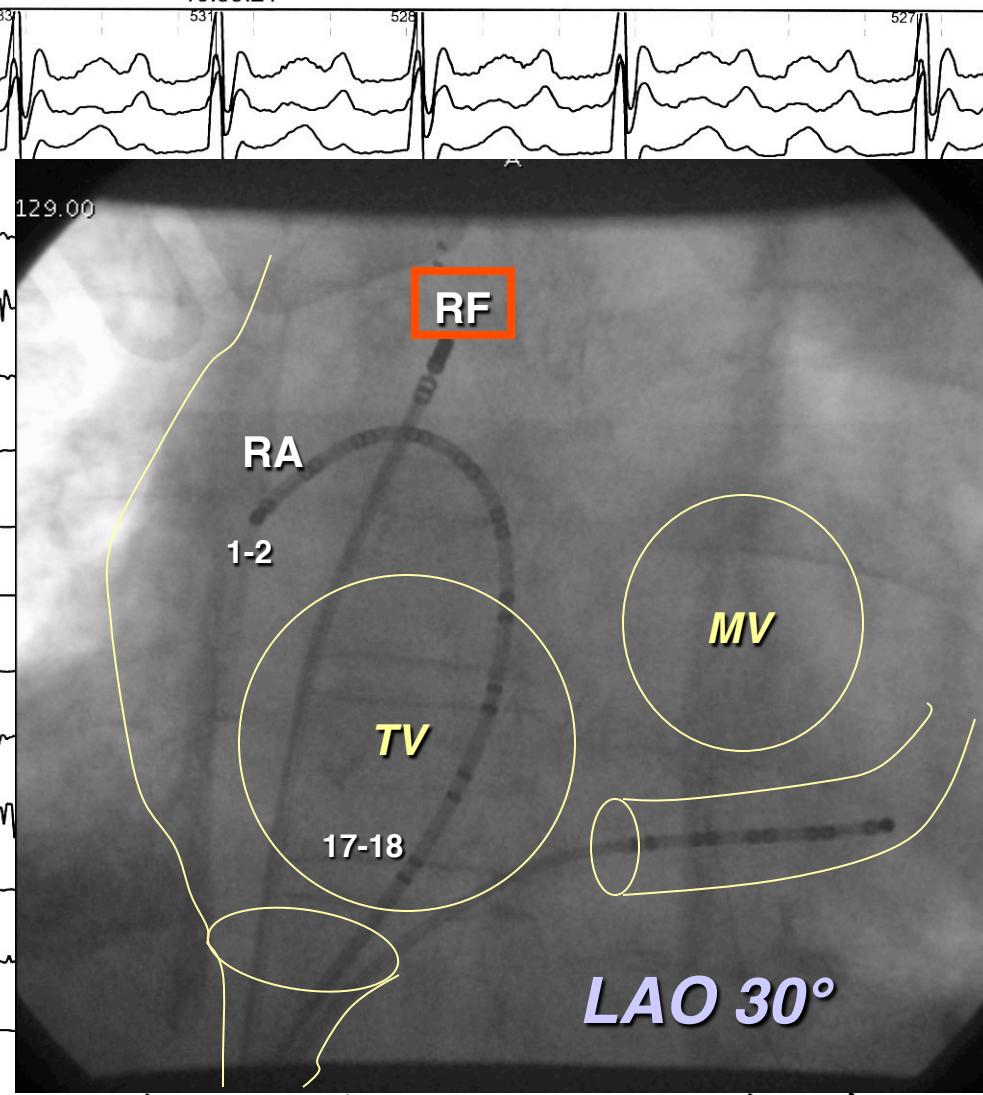
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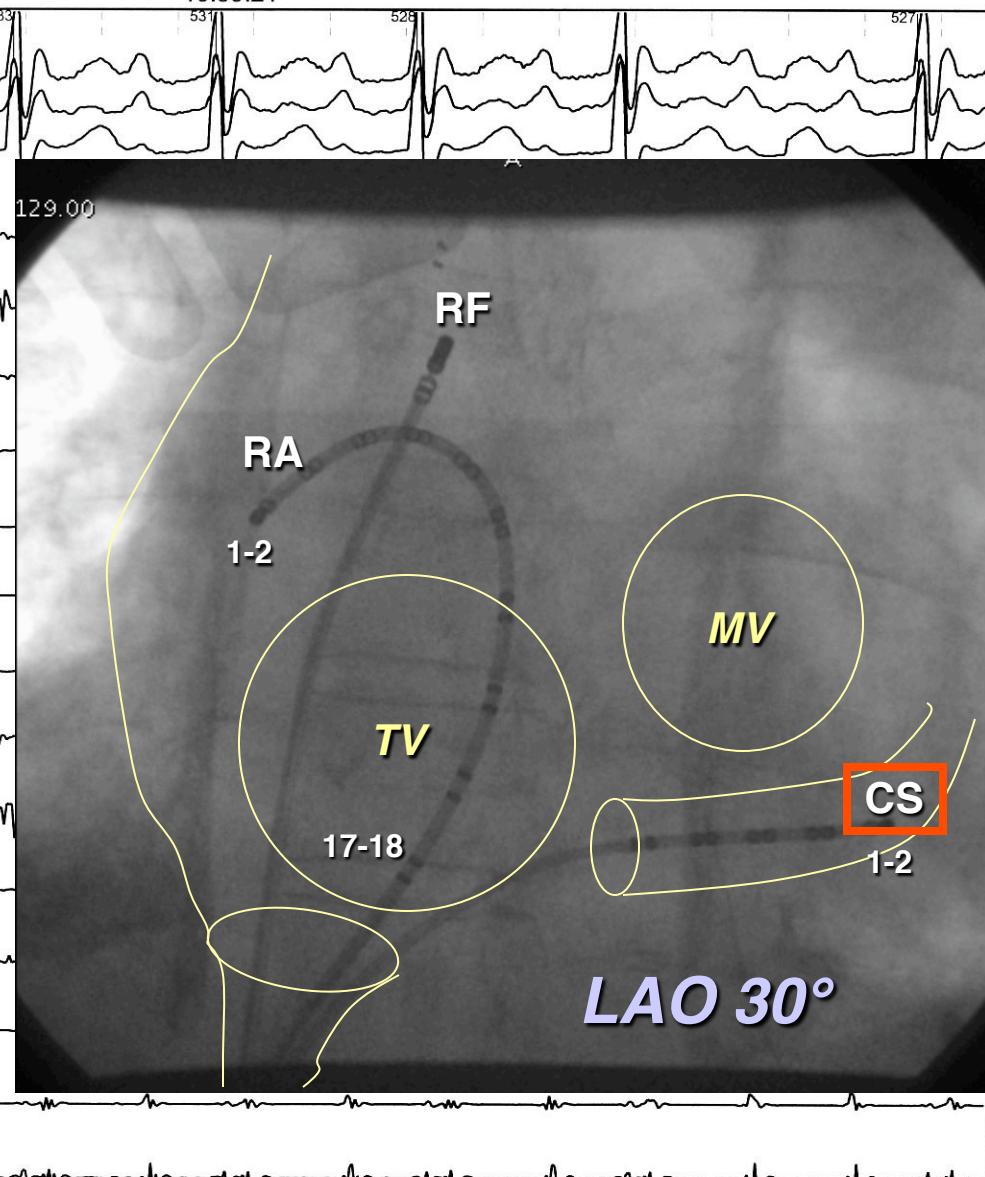
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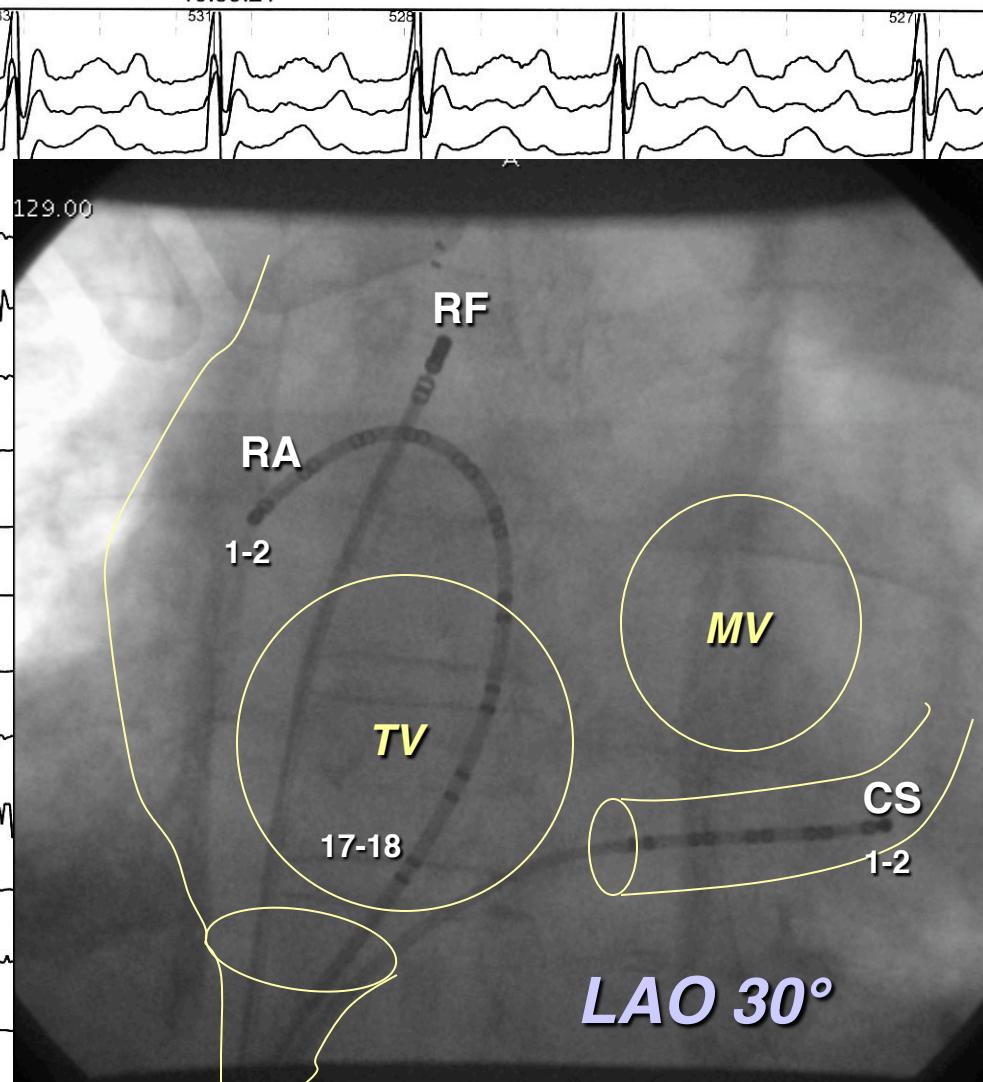
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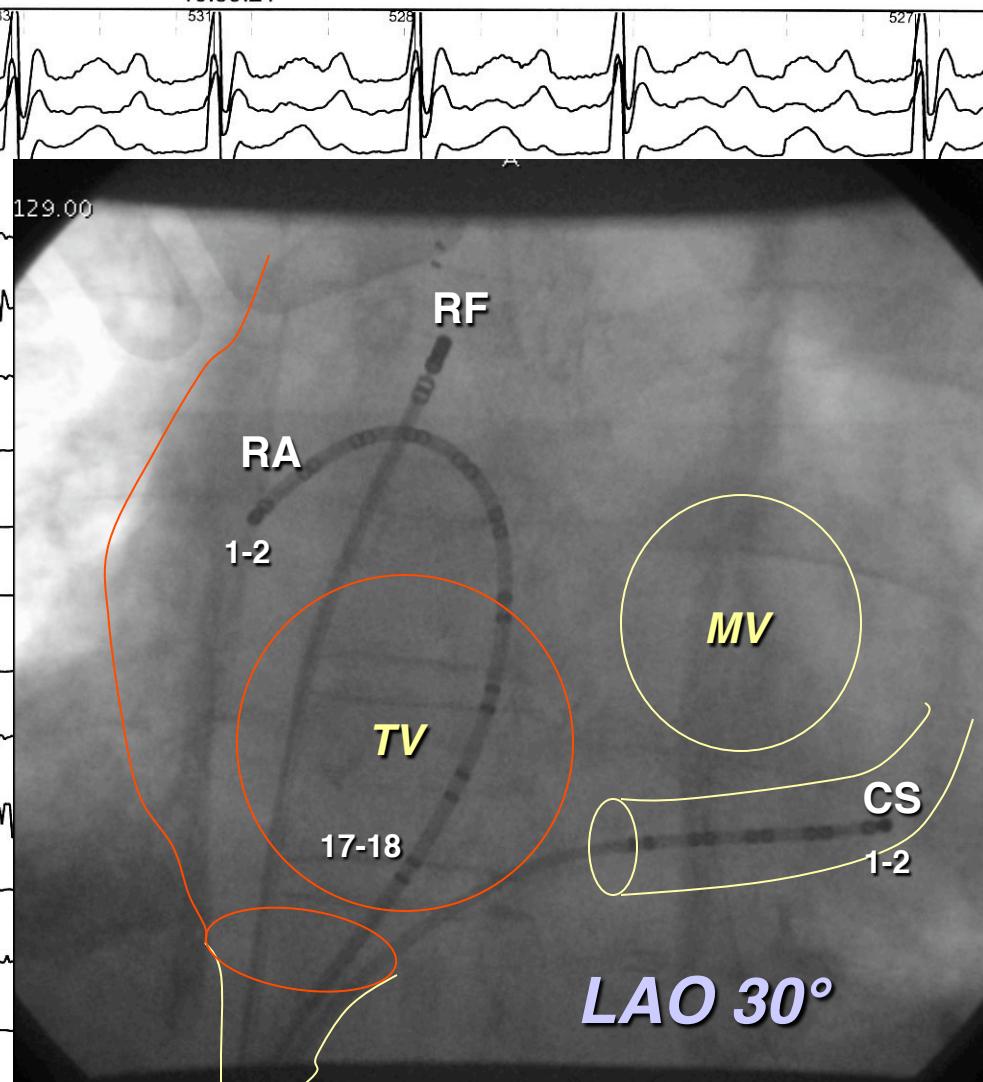
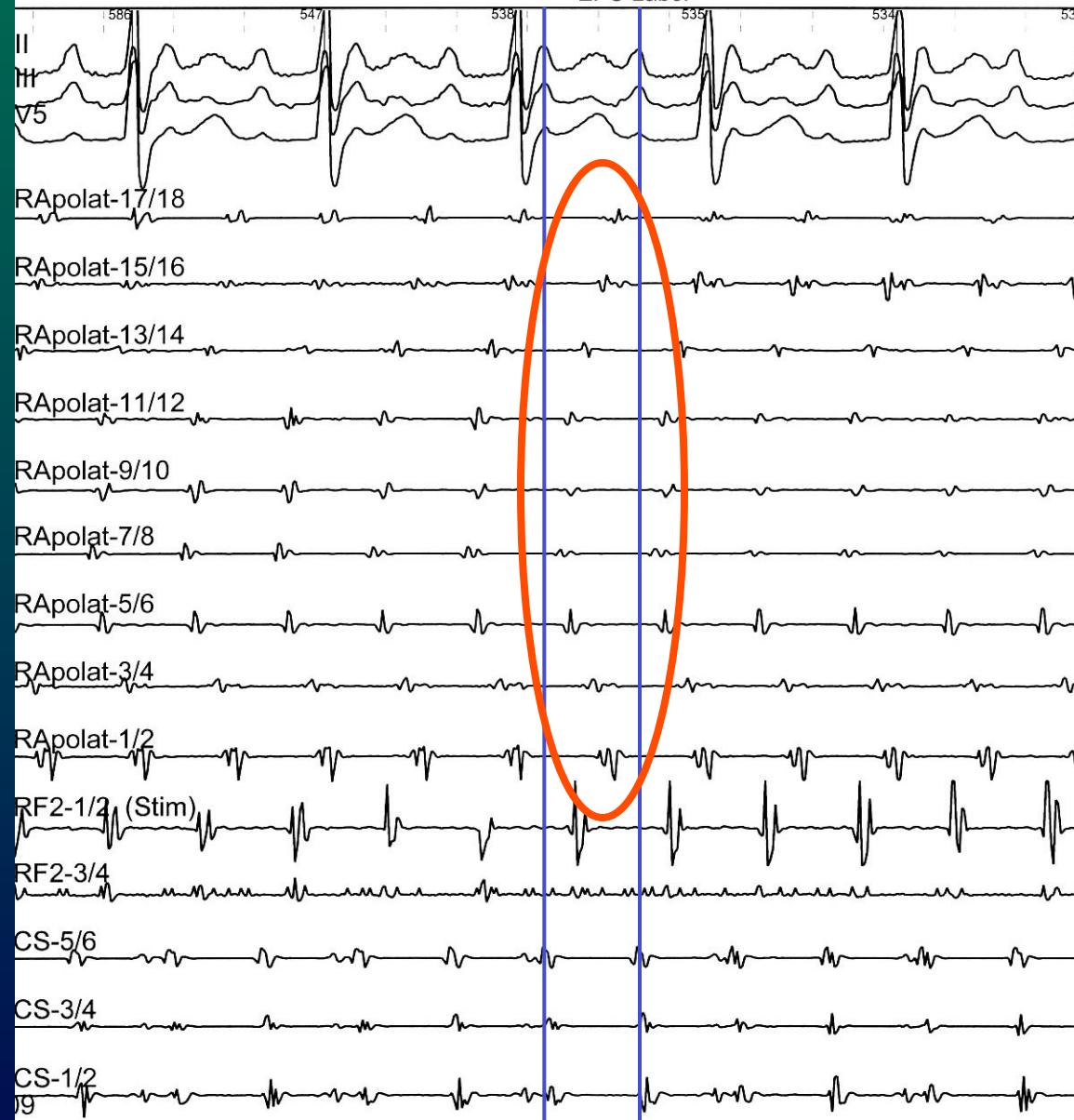
Atriale Tachykardie

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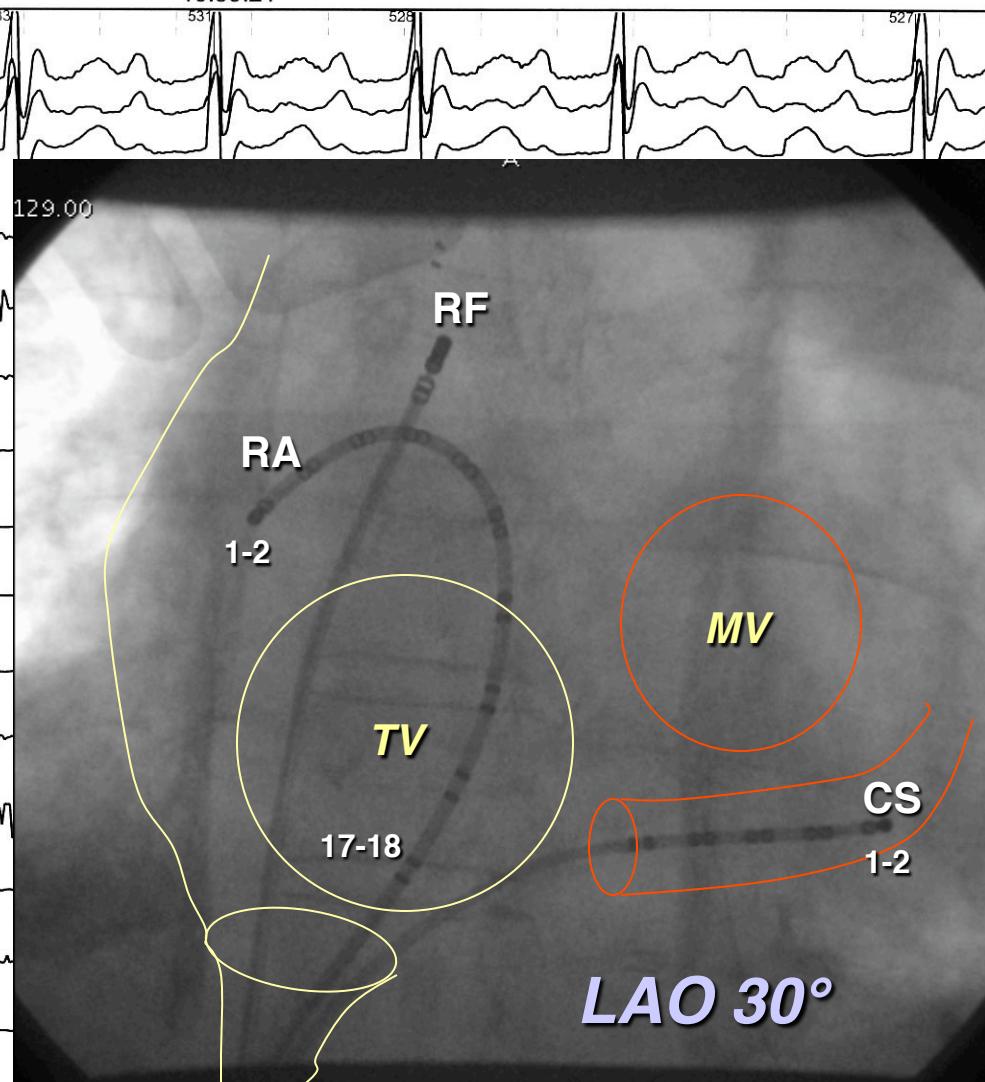
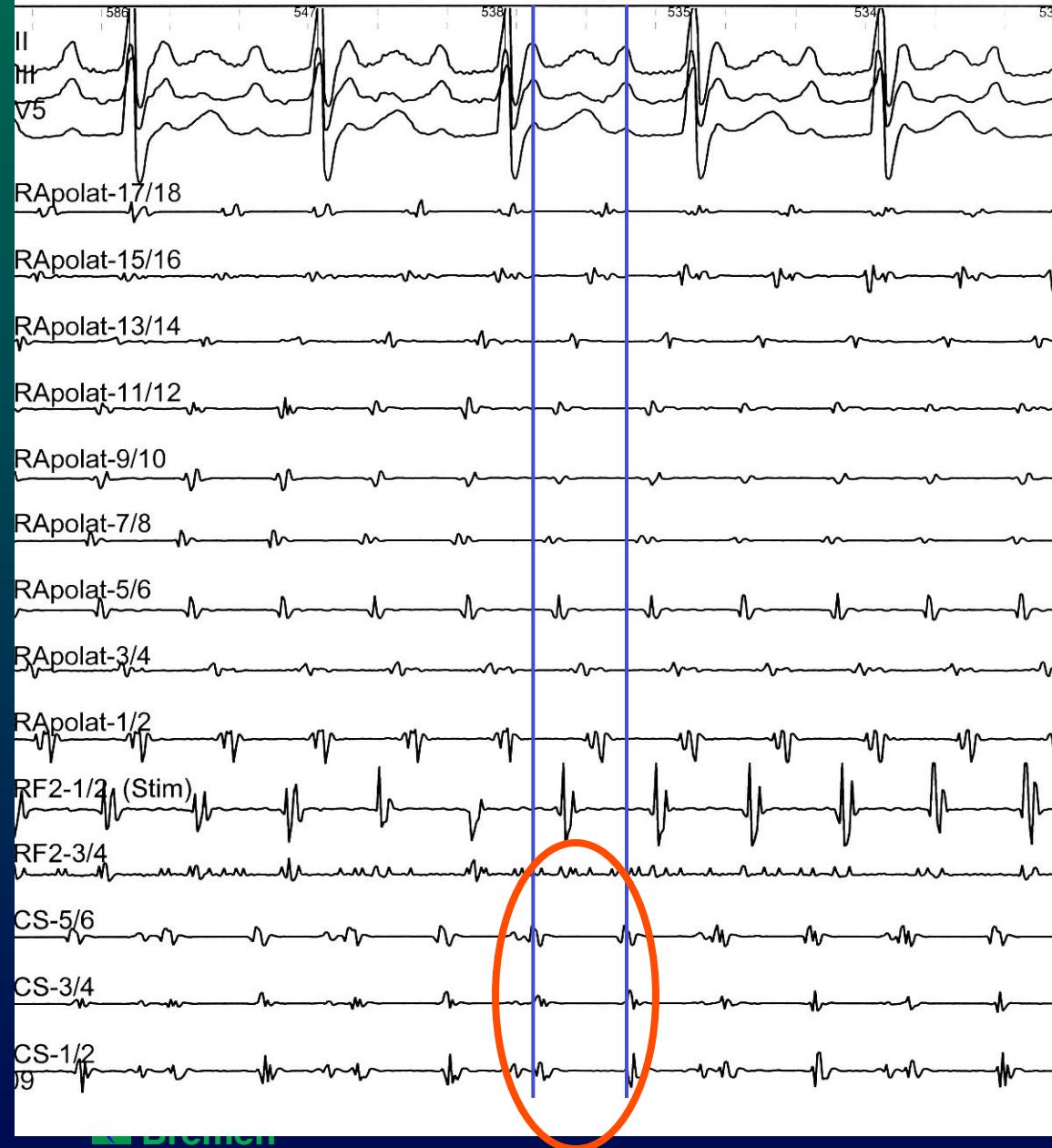
Atriale Tachykardie

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Atriale Tachykardie

“Master of Disease” - I do it my way”

Zwischenbilanz I

- Repräsentation der gesamten Tachy-CL im RA
- linksatriale EG innerhalb A-Systole (P)
- cavo-trikuspidaler Isthmus blockiert



RA-Reentry ?!

“Master of Disease” - I do it my way”

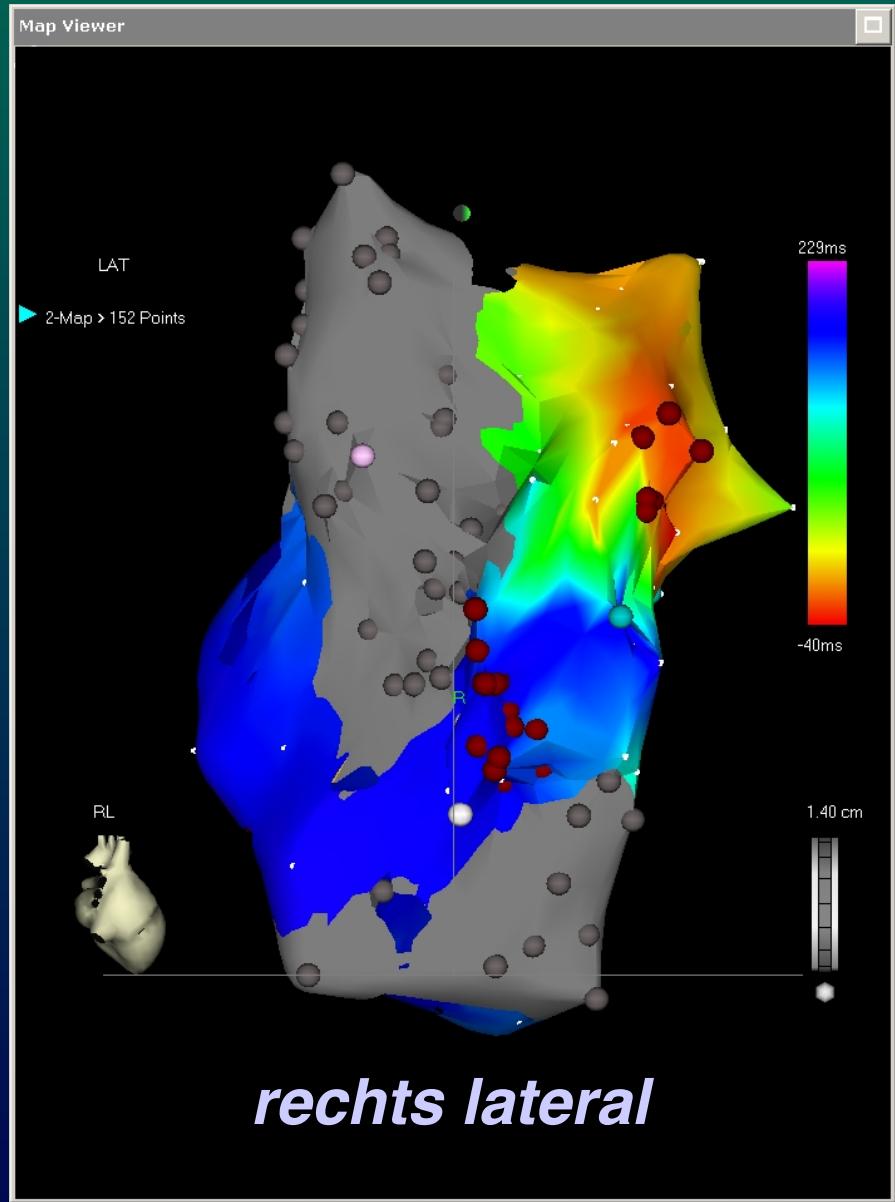
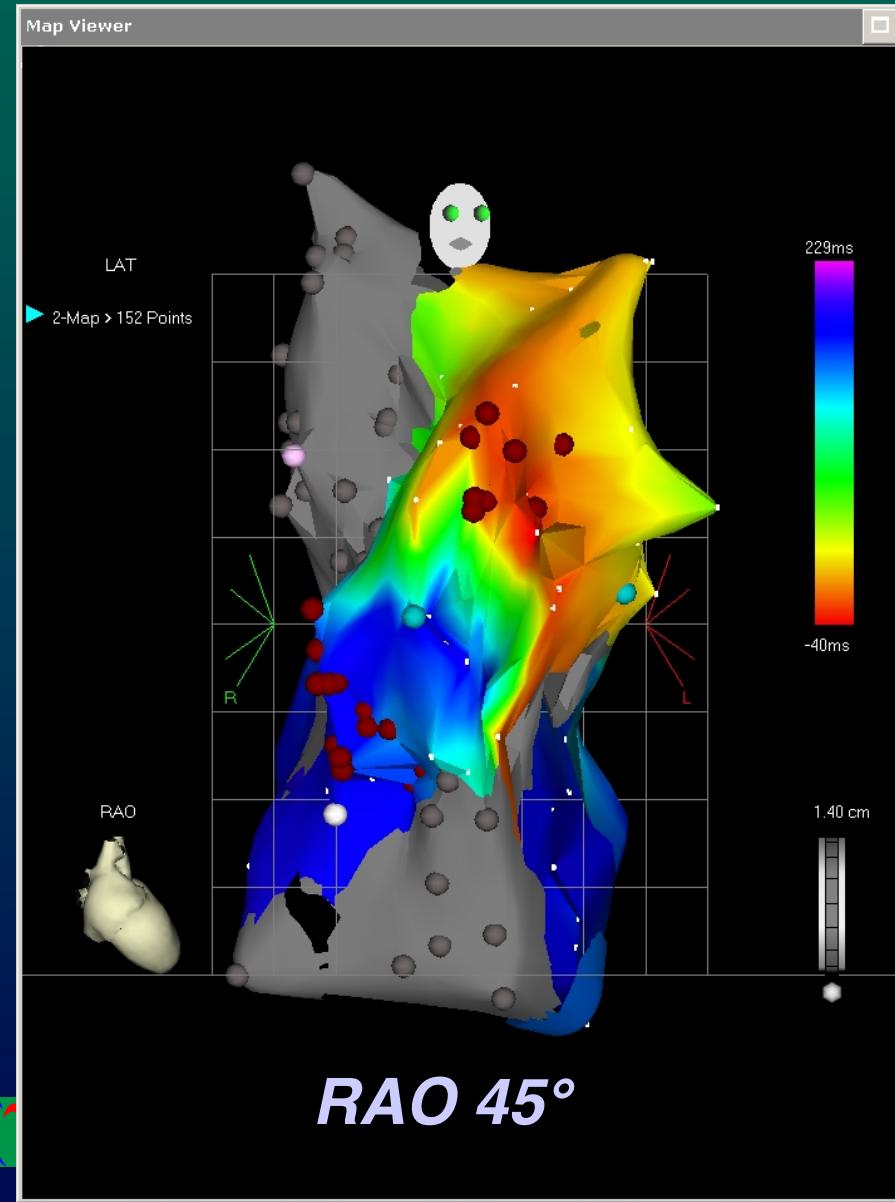
Zwischenbilanz II

- konventionelle Identifikation -> Reentry (*mikro/makro*) ?
 - *frustran (> 4 Std.)*
- 3-D-E-A-Rekonstruktion - CARTO -> Reentry ?
 - *frustran (> 2 Std.)*

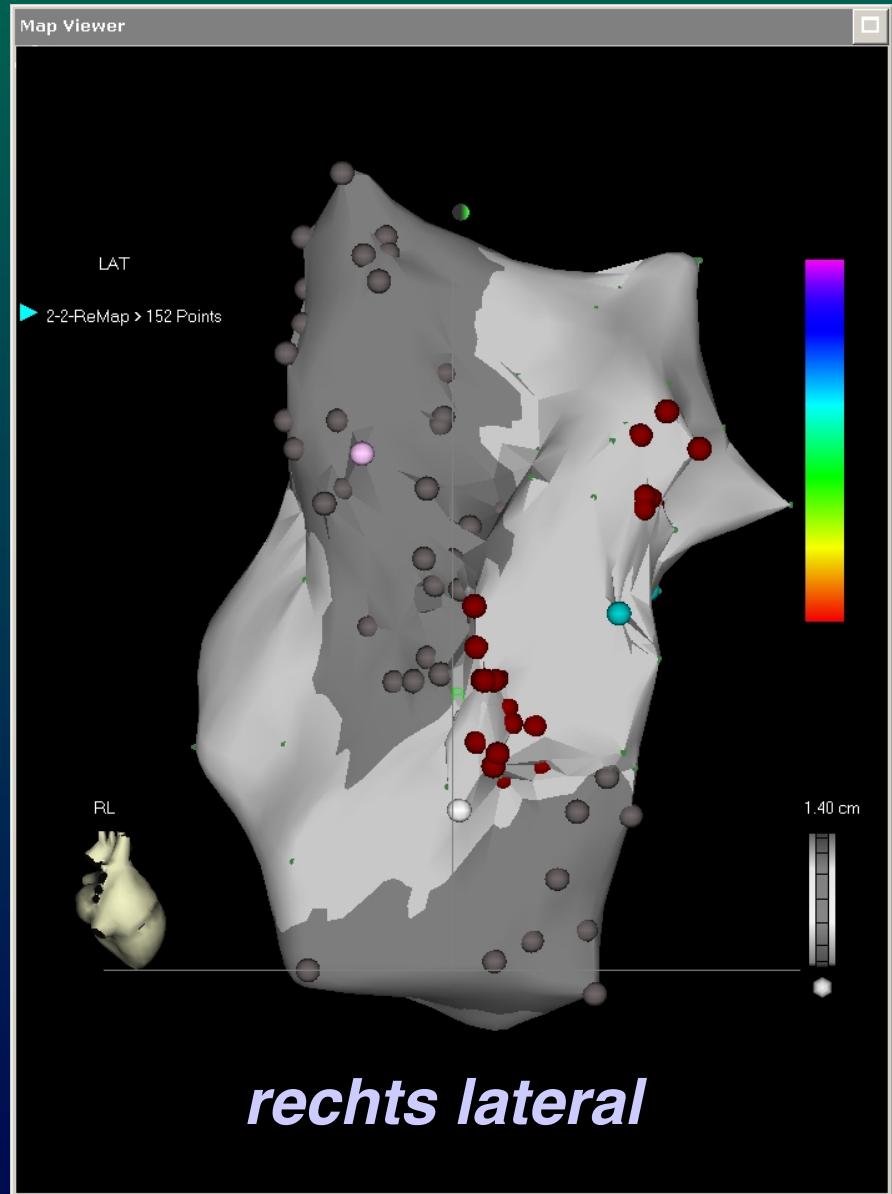
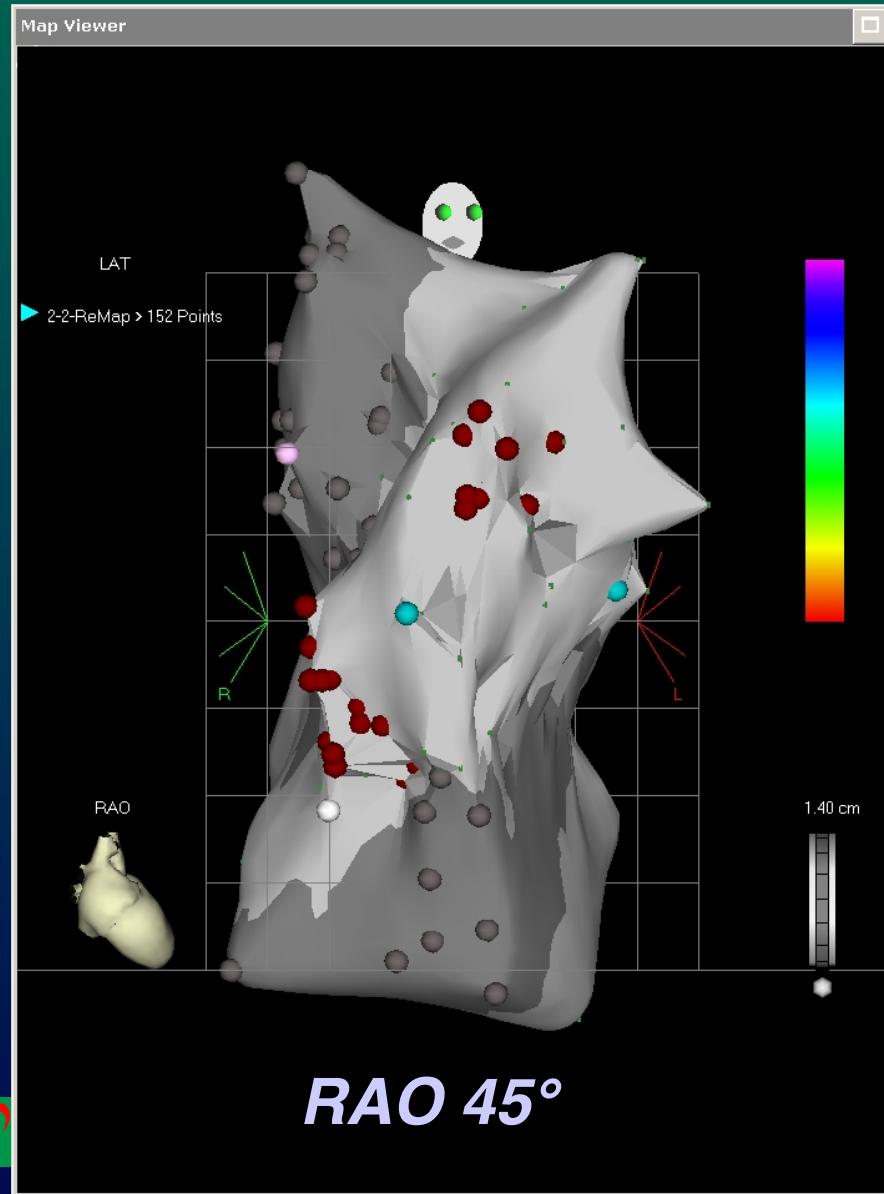


Entschluß: Substratmapping

“Master of Disease” - I do it my way”



“Master of Disease” - I do it my way”

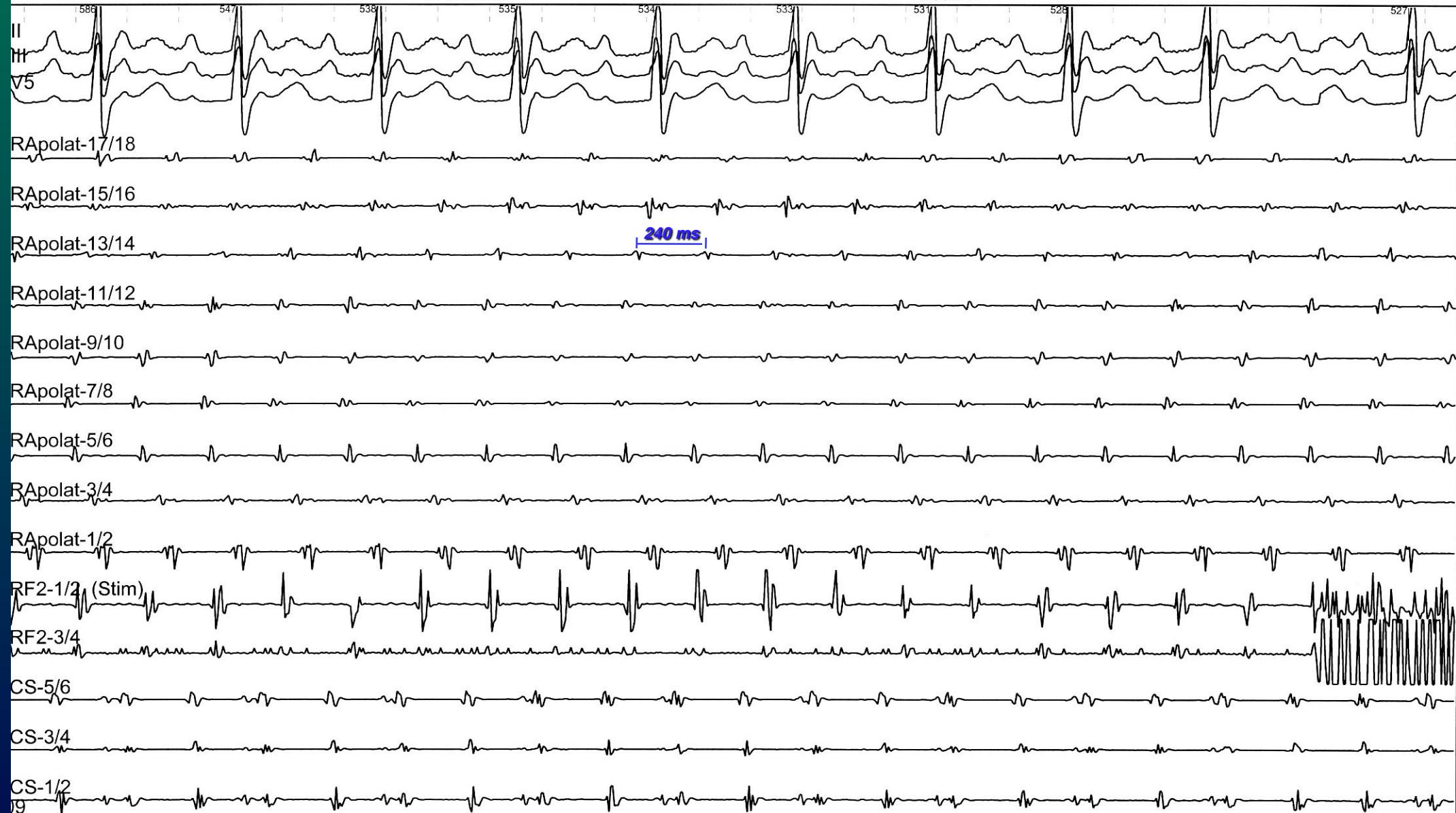


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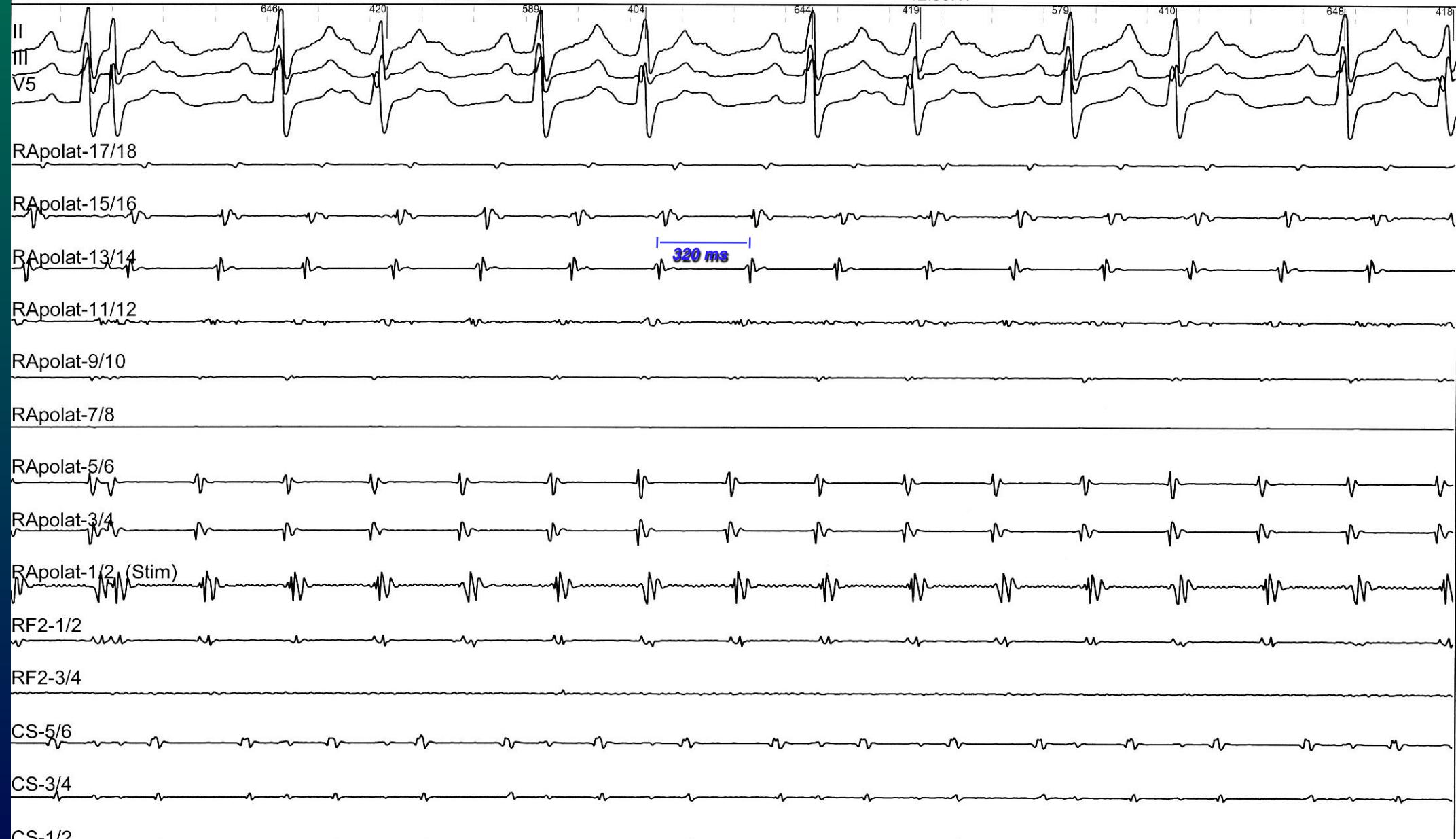


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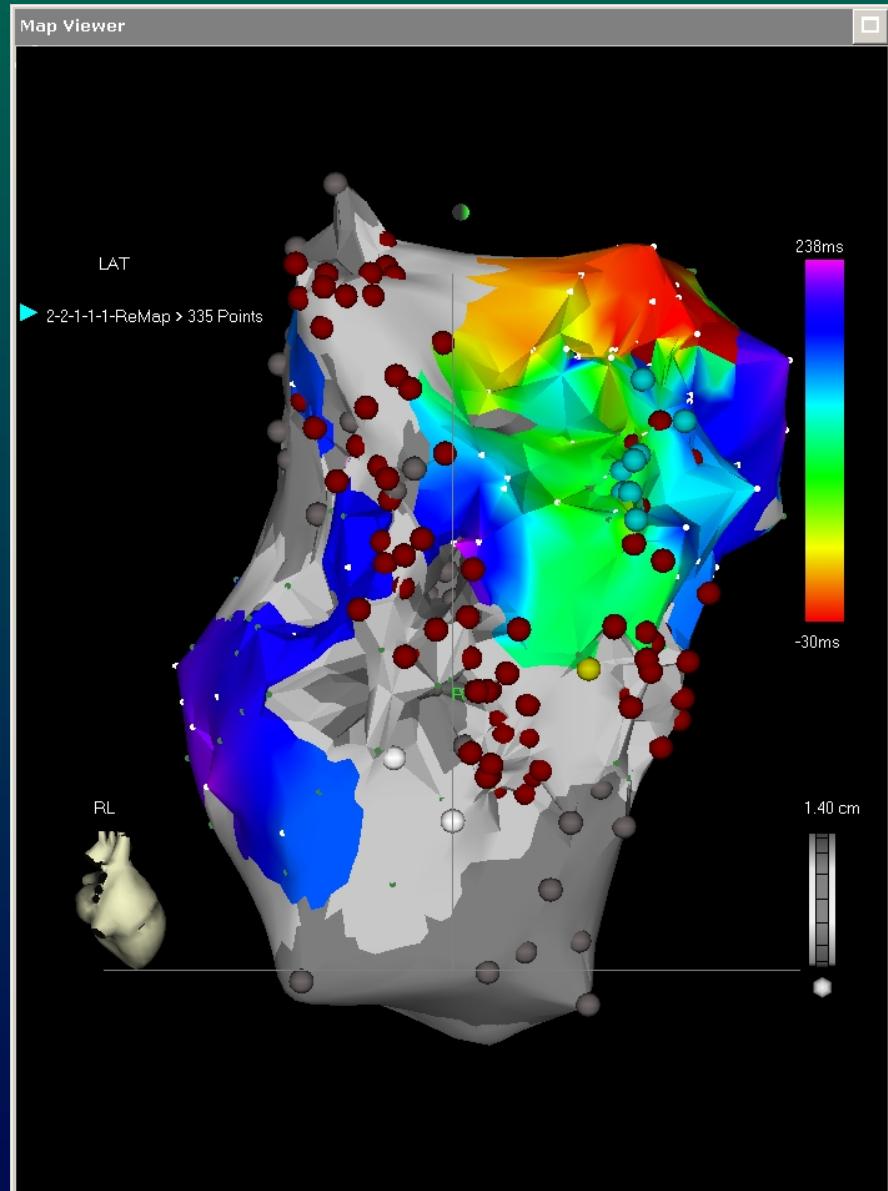
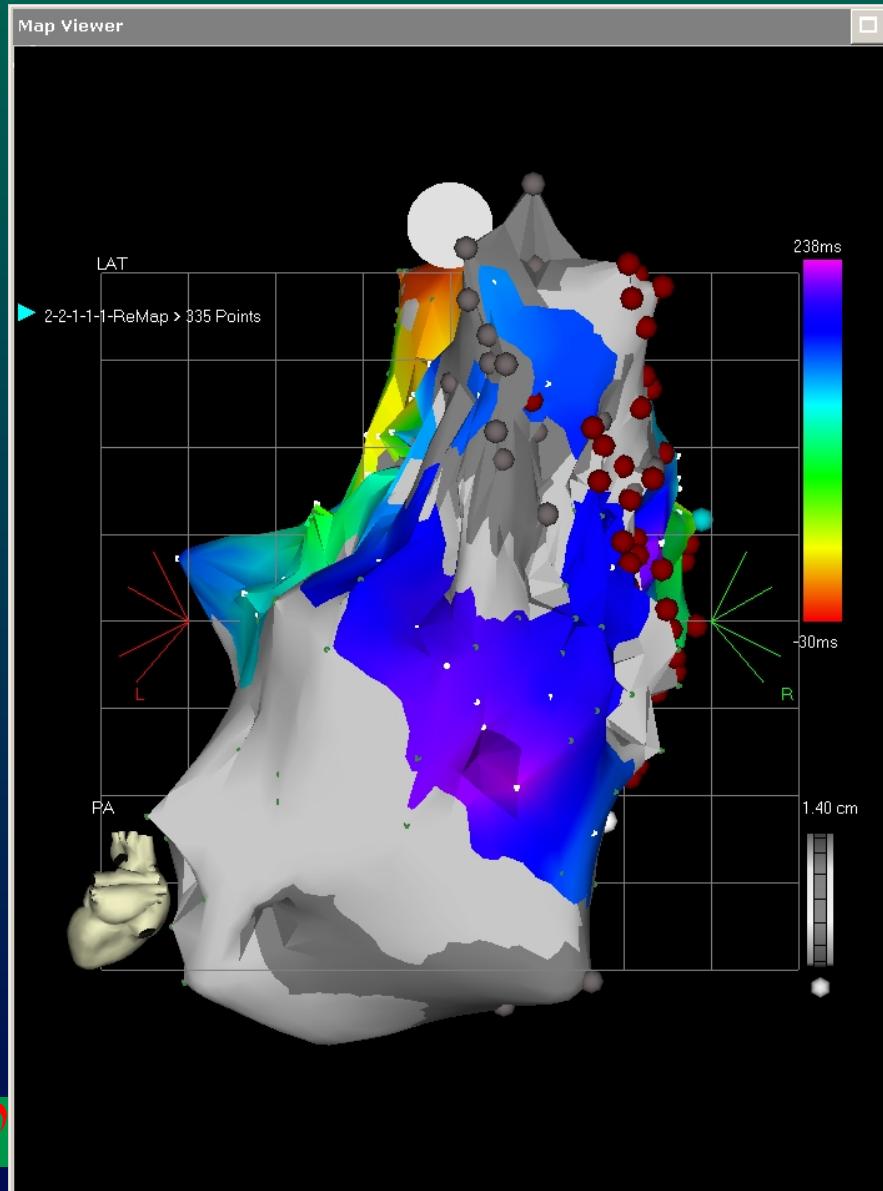


-> HFS Applikation ->

-> HFS Applikation ->

Bremen

“Master of Disease” - I do it my way”



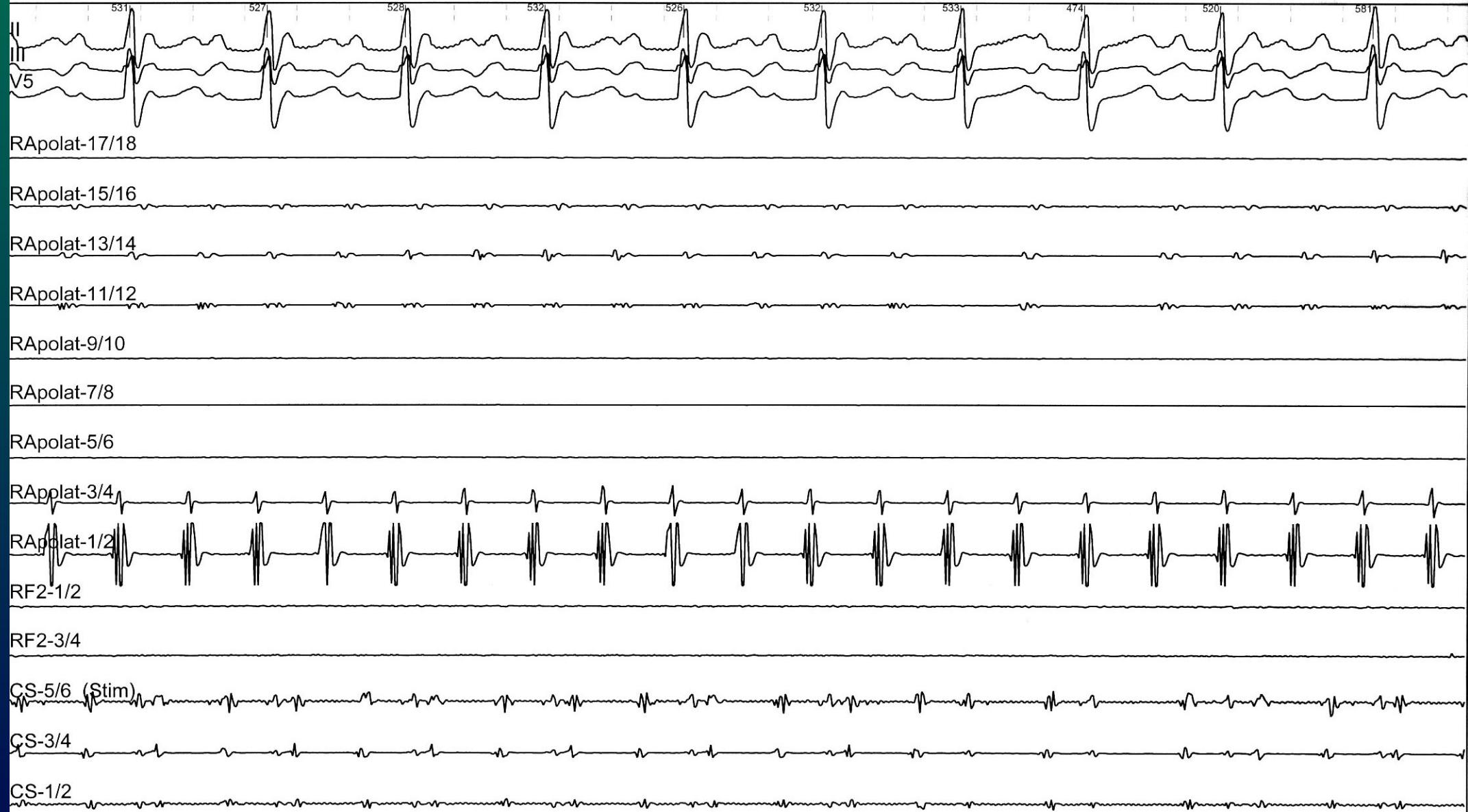
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CONTINUOUS



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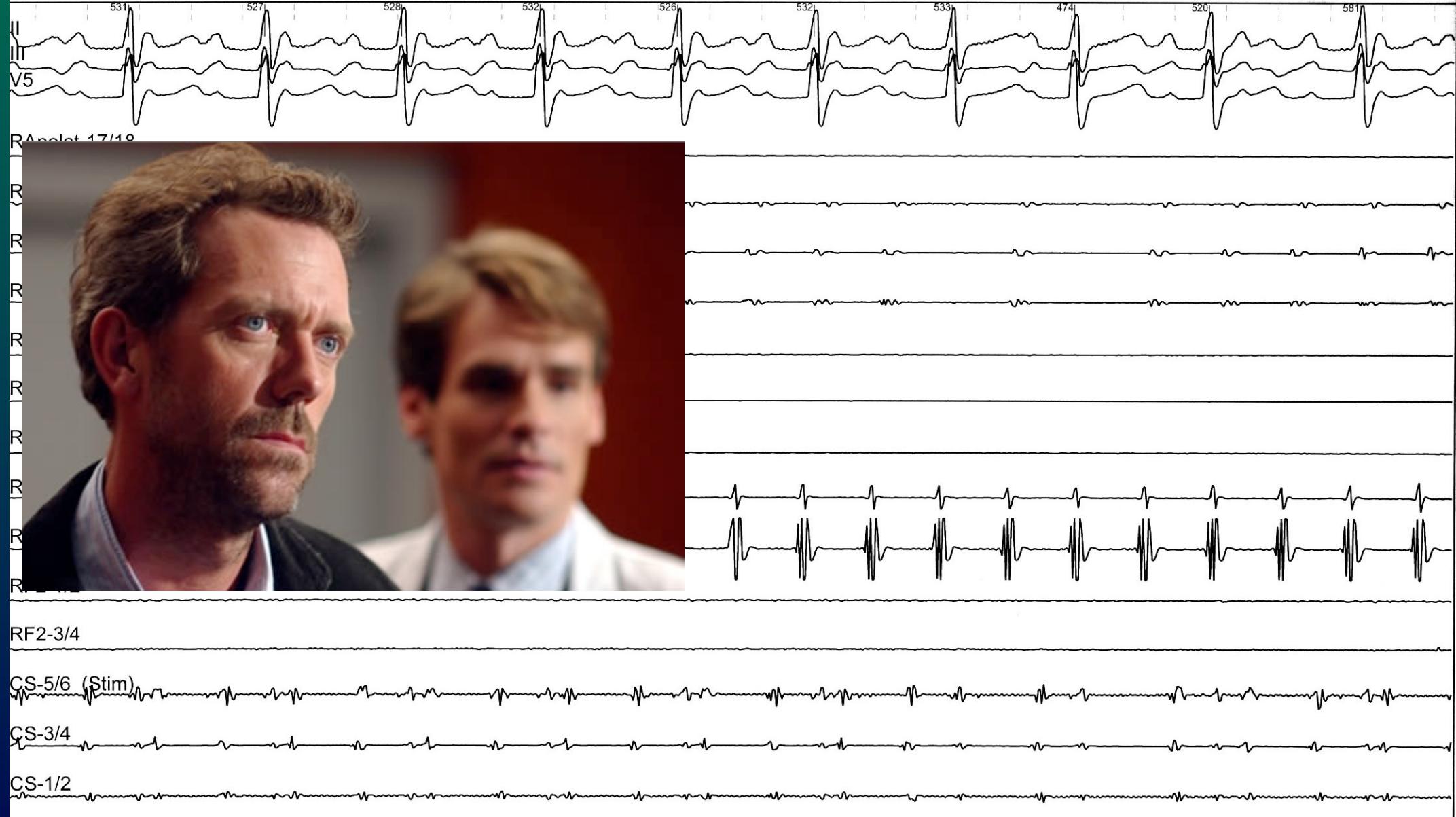
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BROTHMAN
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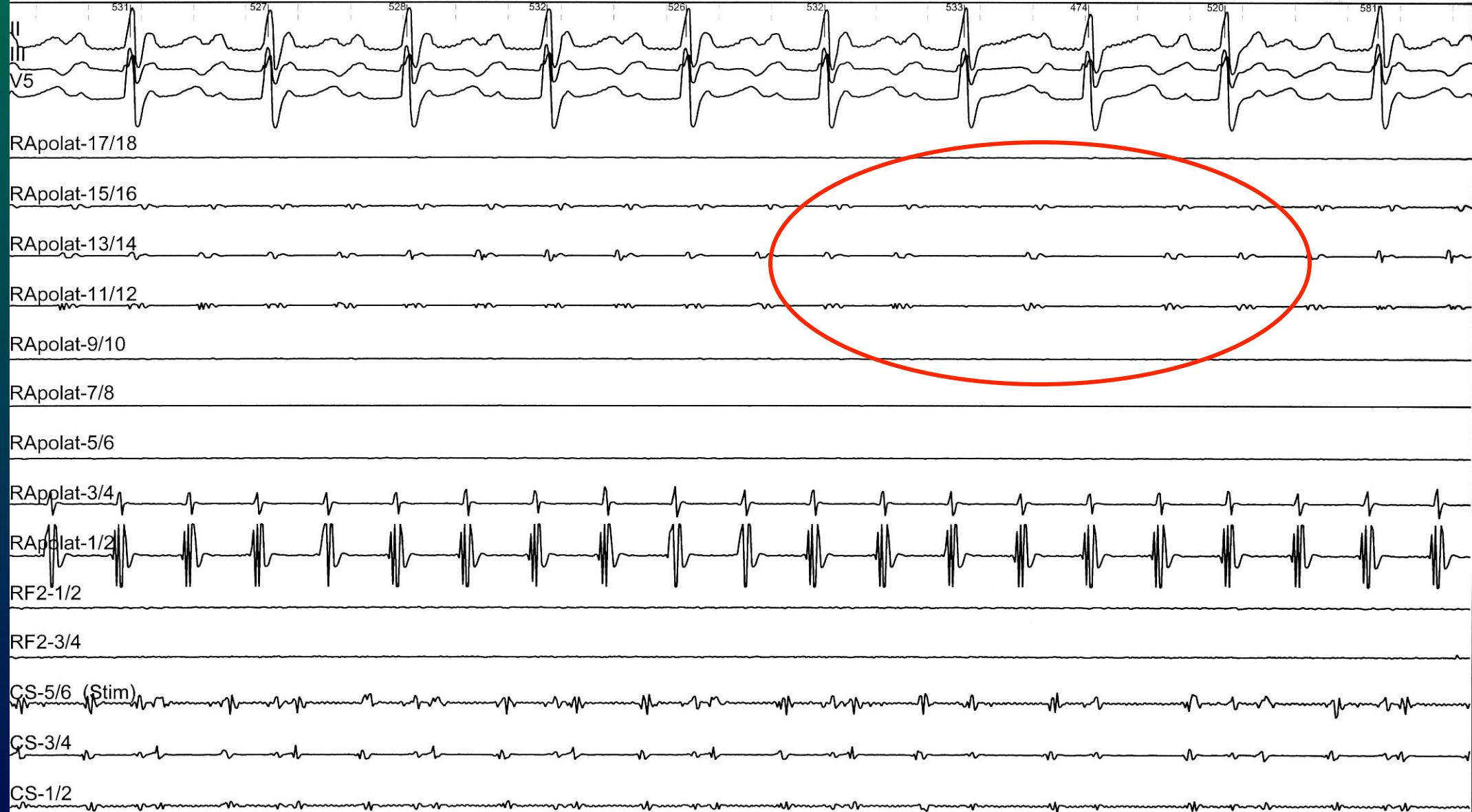
Wolfgang Wölfel, Bremen
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BROTRONIK
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SCINUS



Bremen

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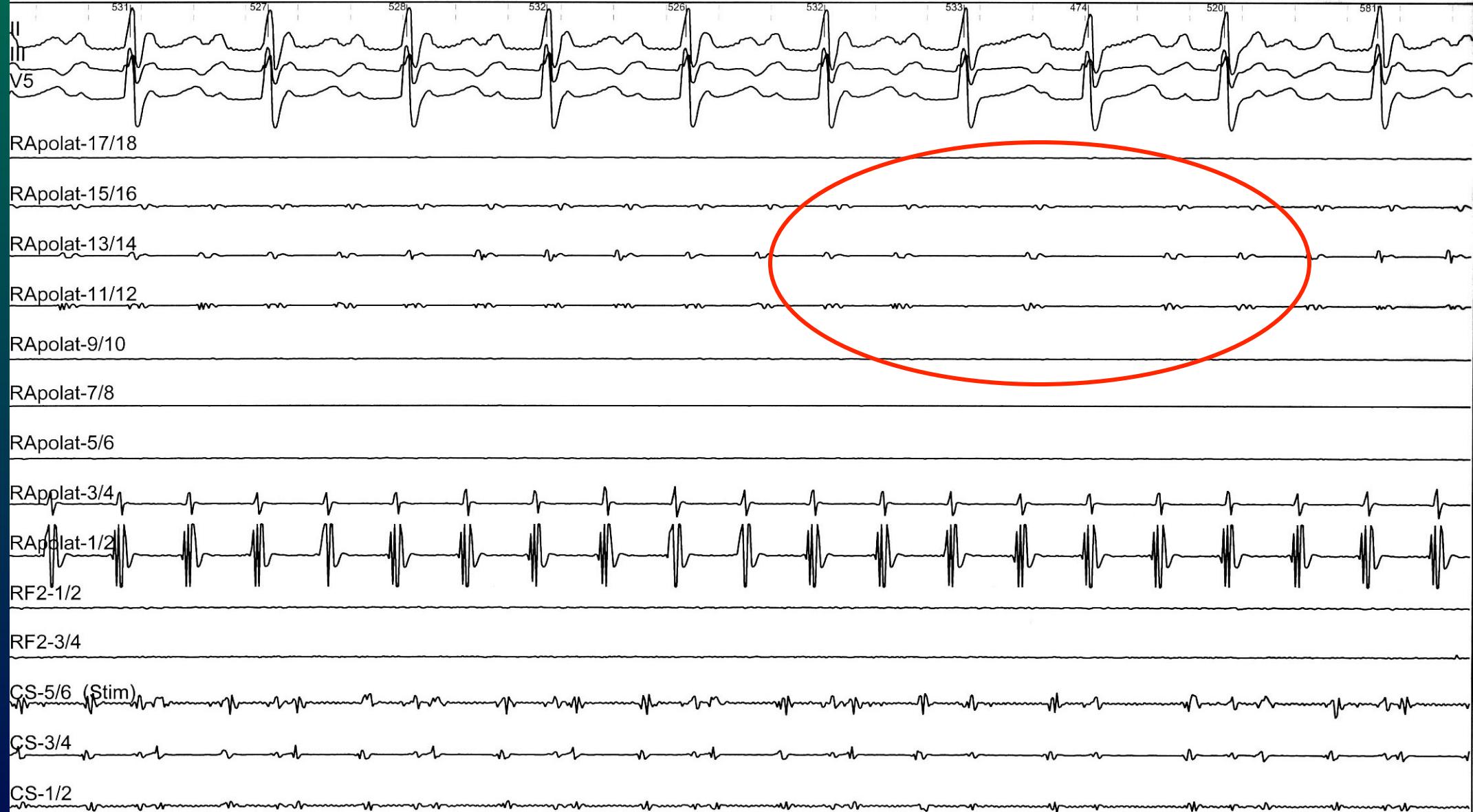
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Scans



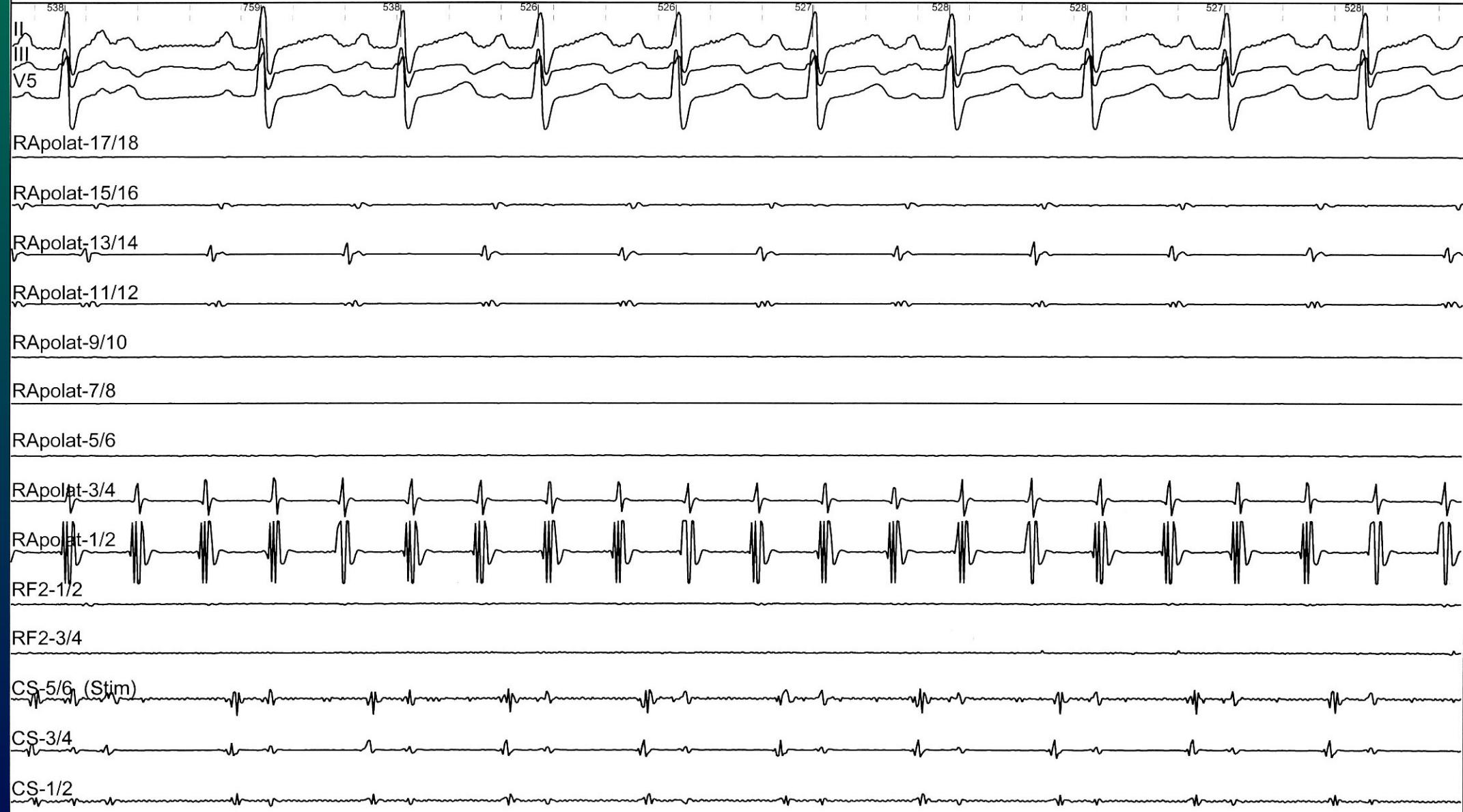
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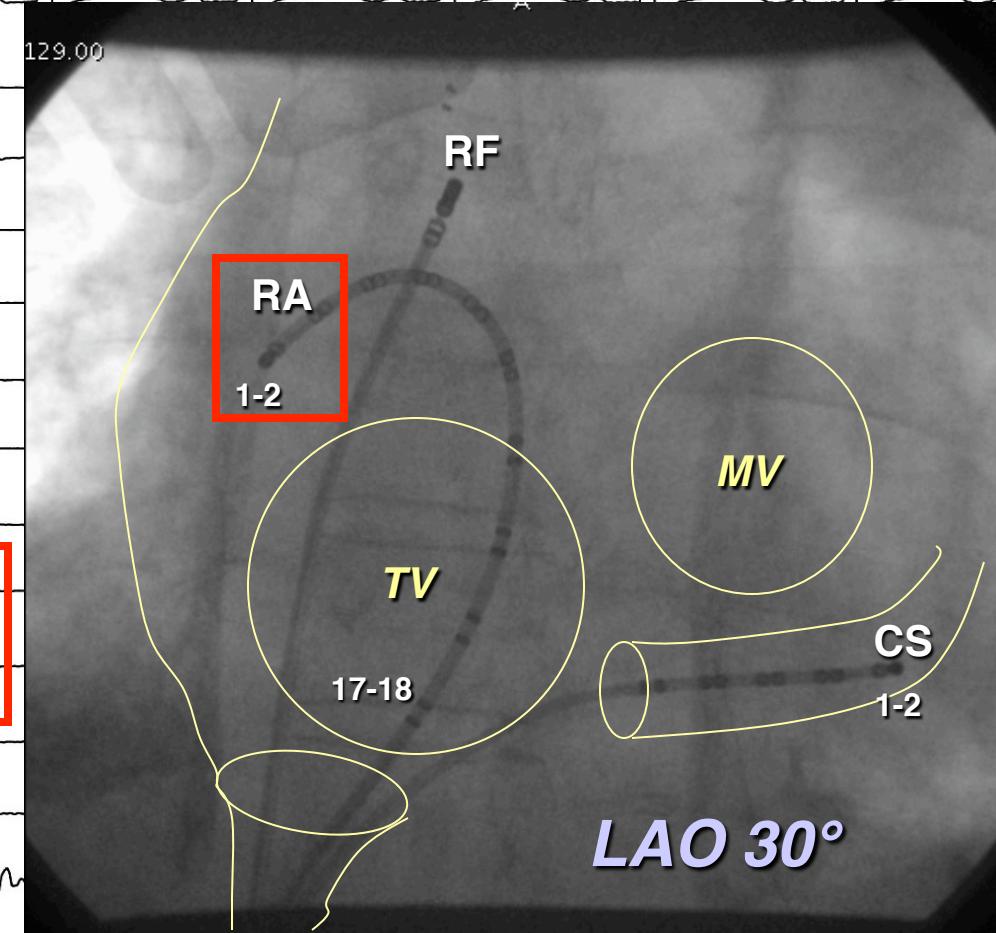
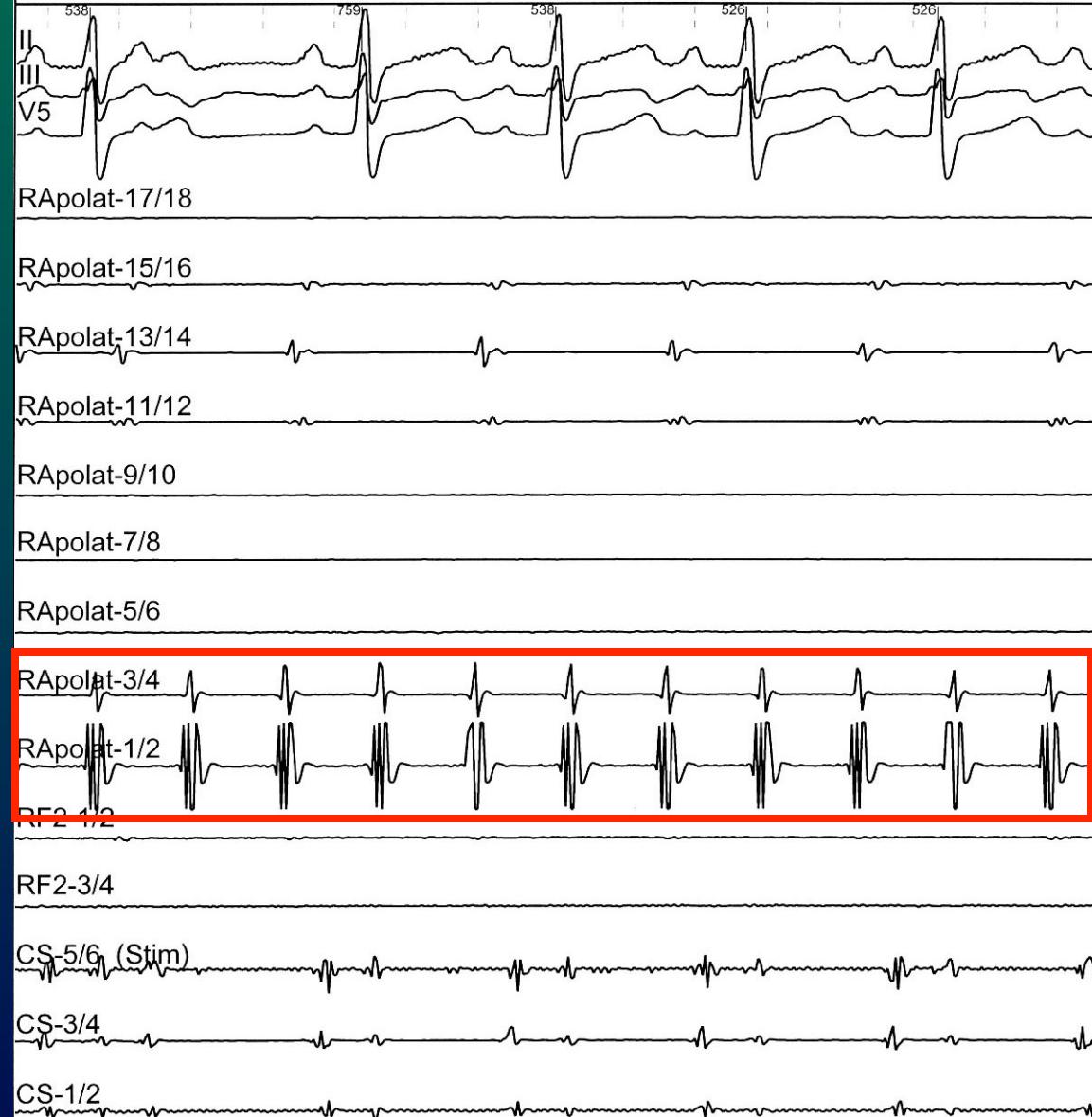


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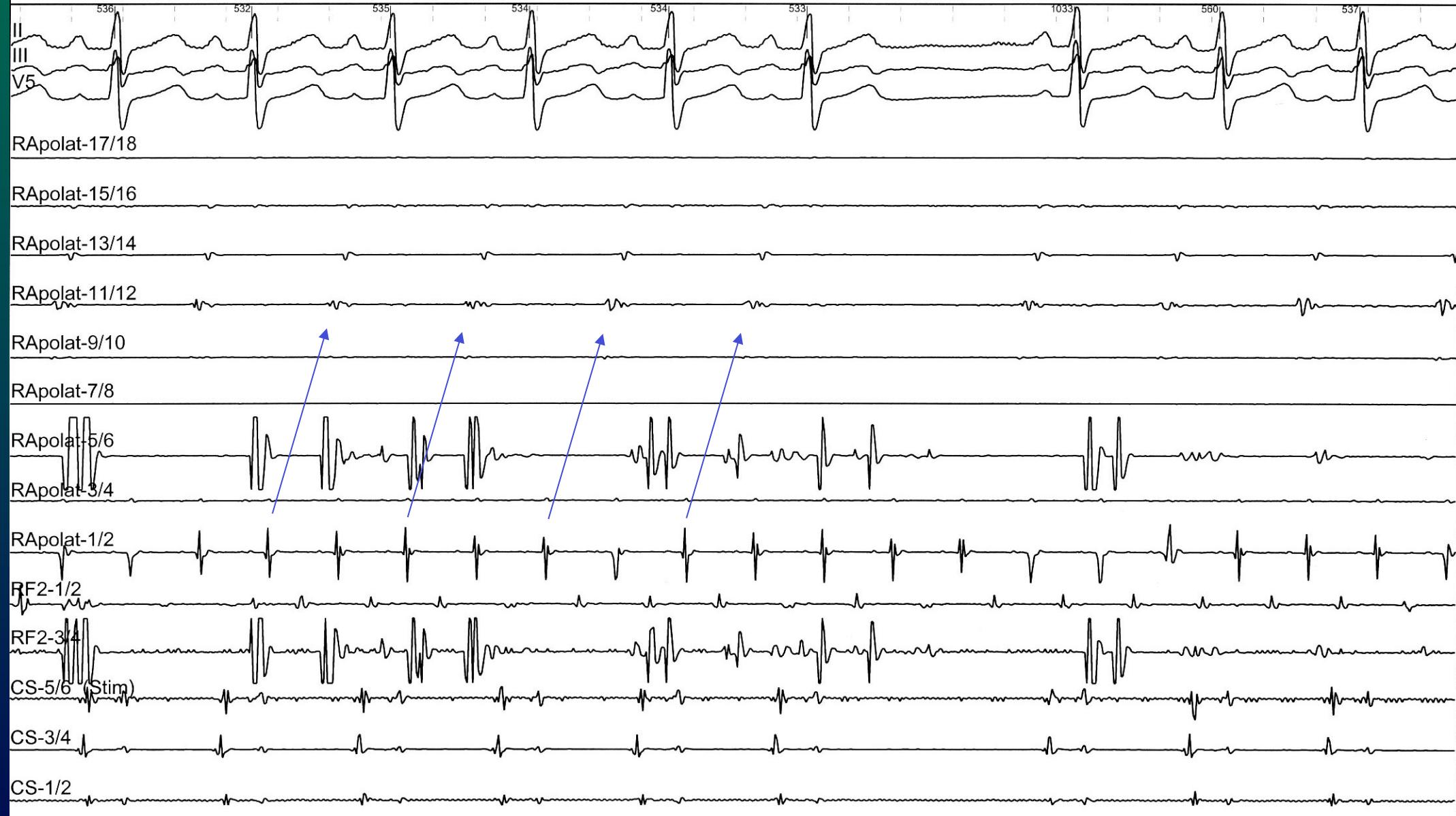


kein HFS

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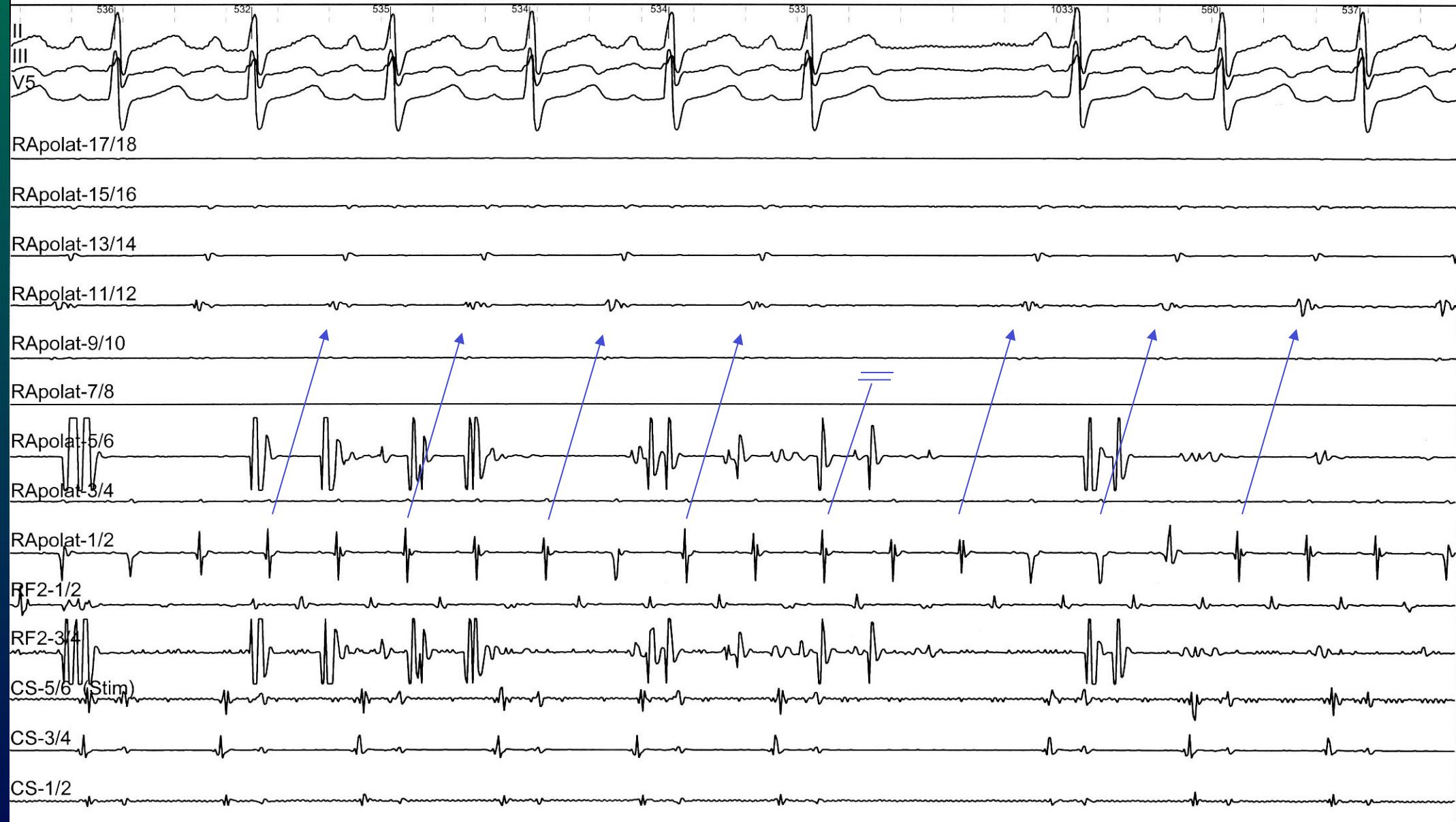
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intra-atriale Dissoziation - Typ Mobitz

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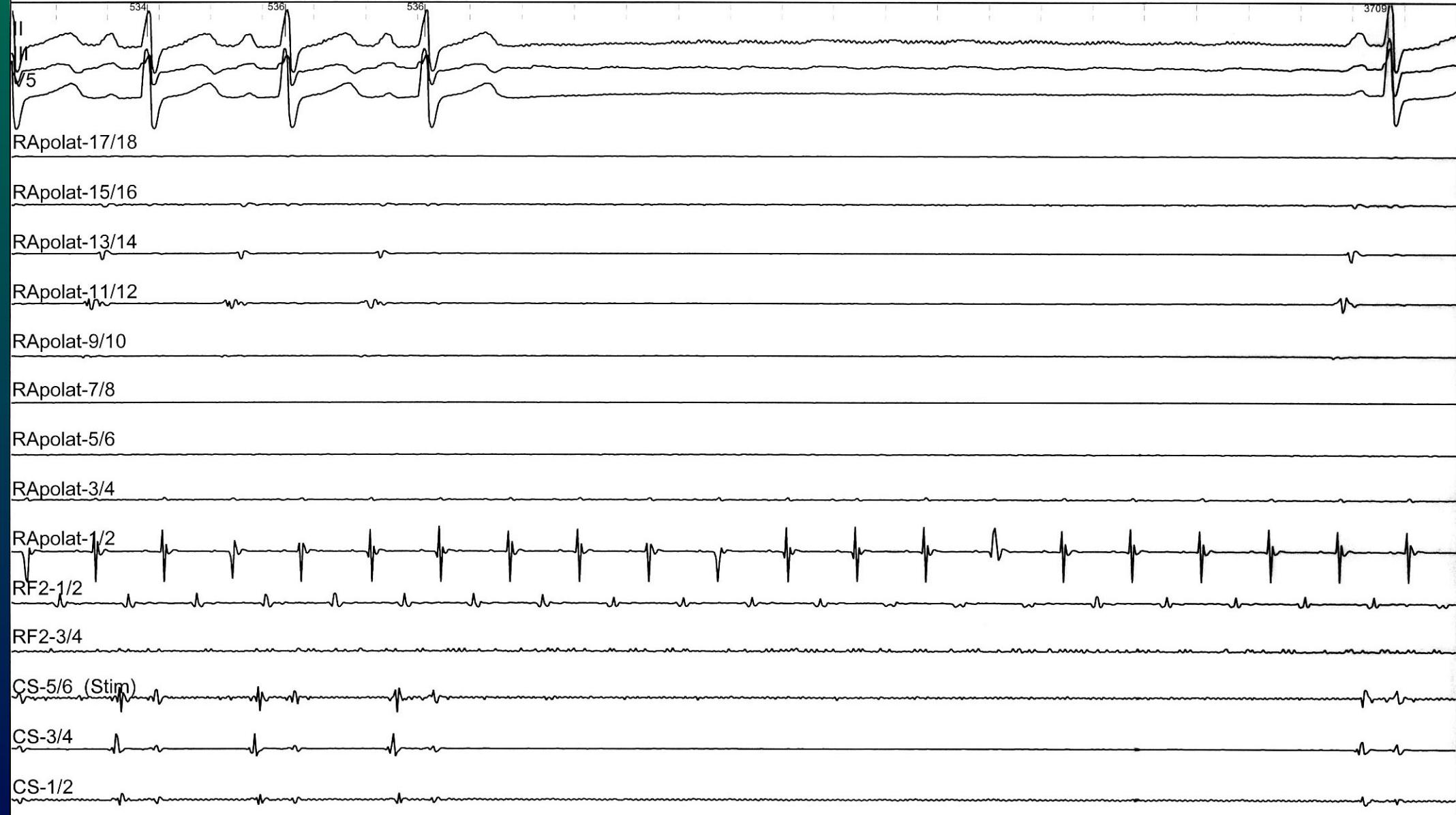


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intra-atriale Dissoziation - Typ Mobitz

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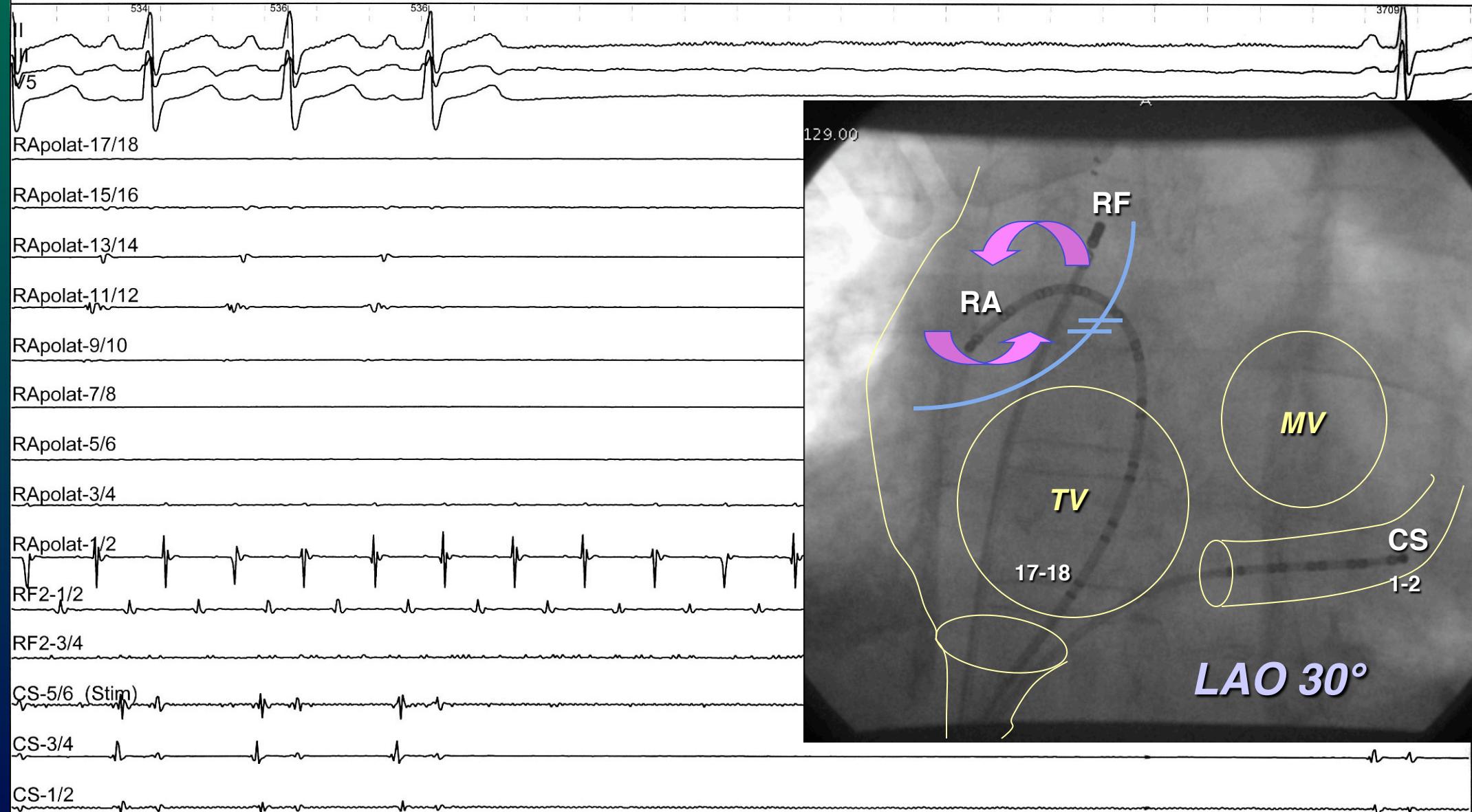
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intra-atriale Dissoziation

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Bremen

kein HFS

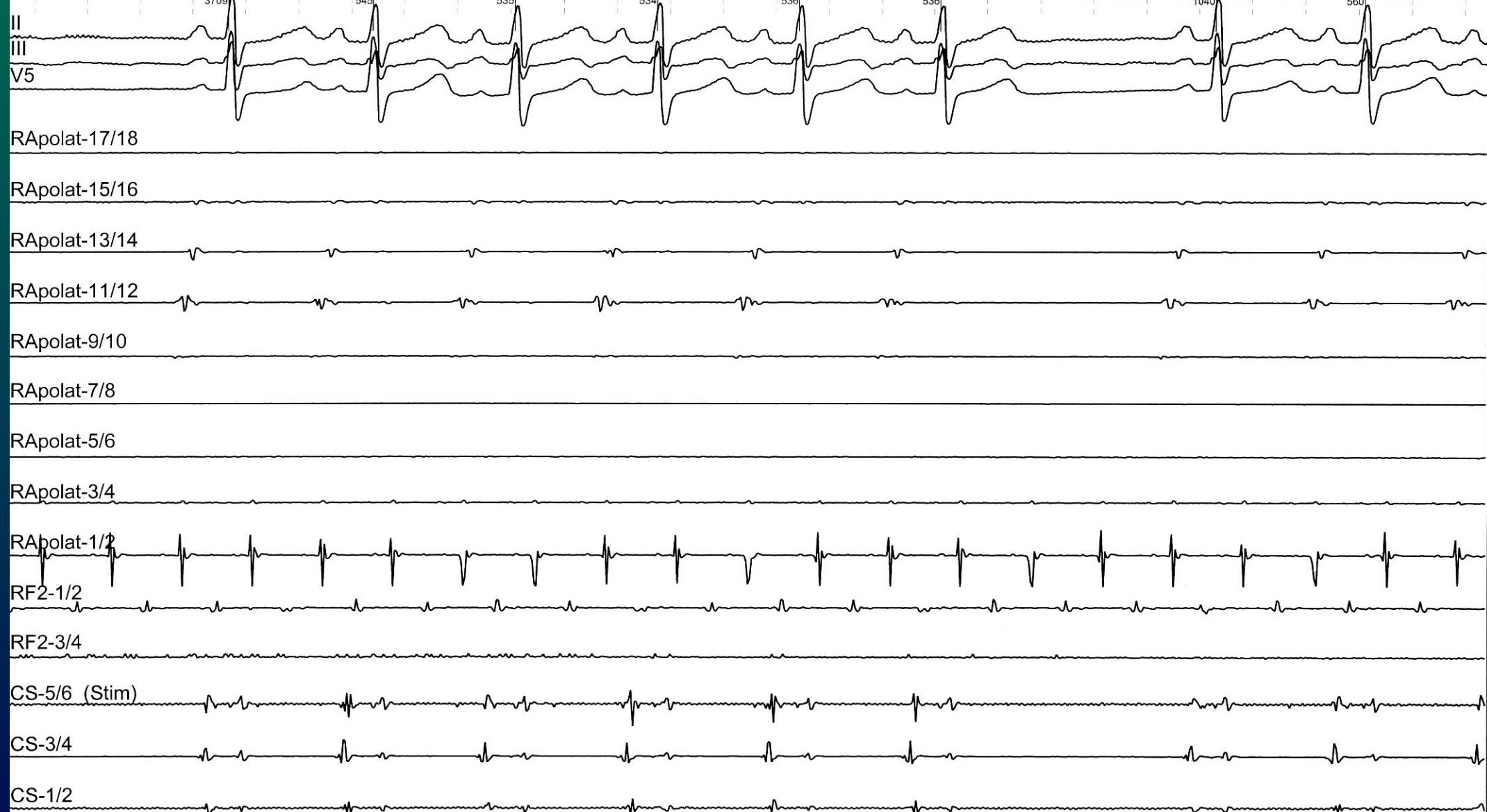
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EPU Labor
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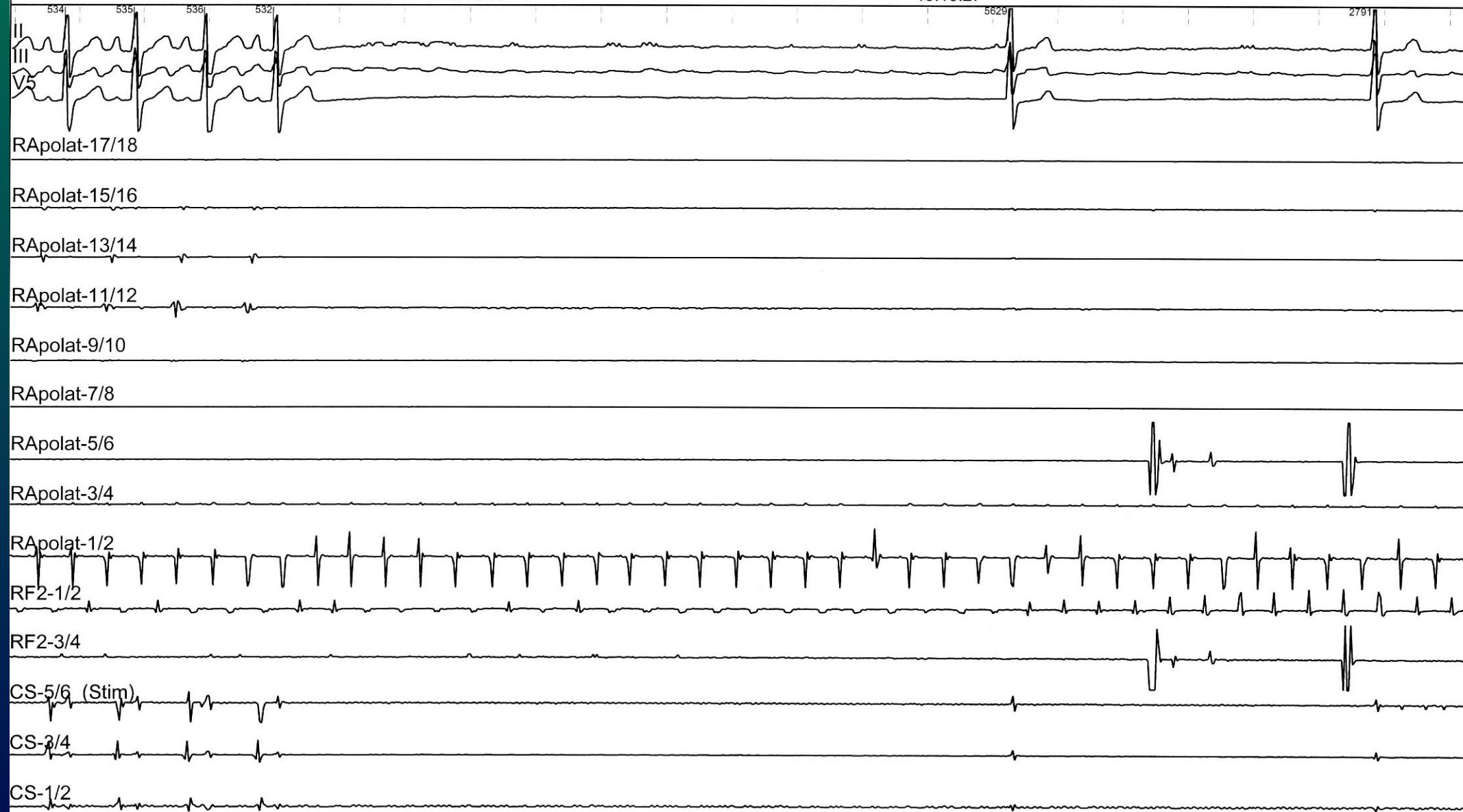
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200mm/s





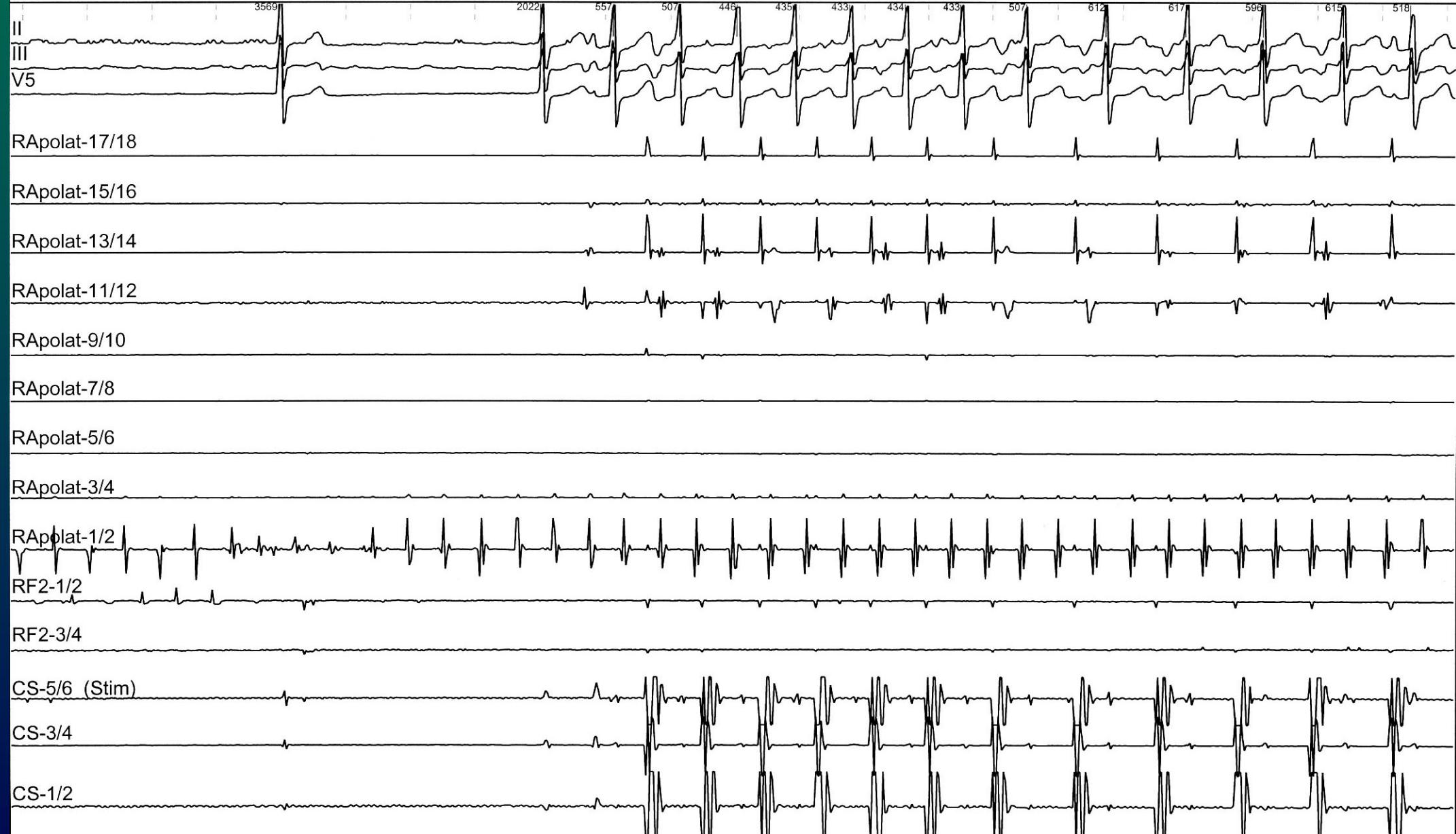
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Bremen
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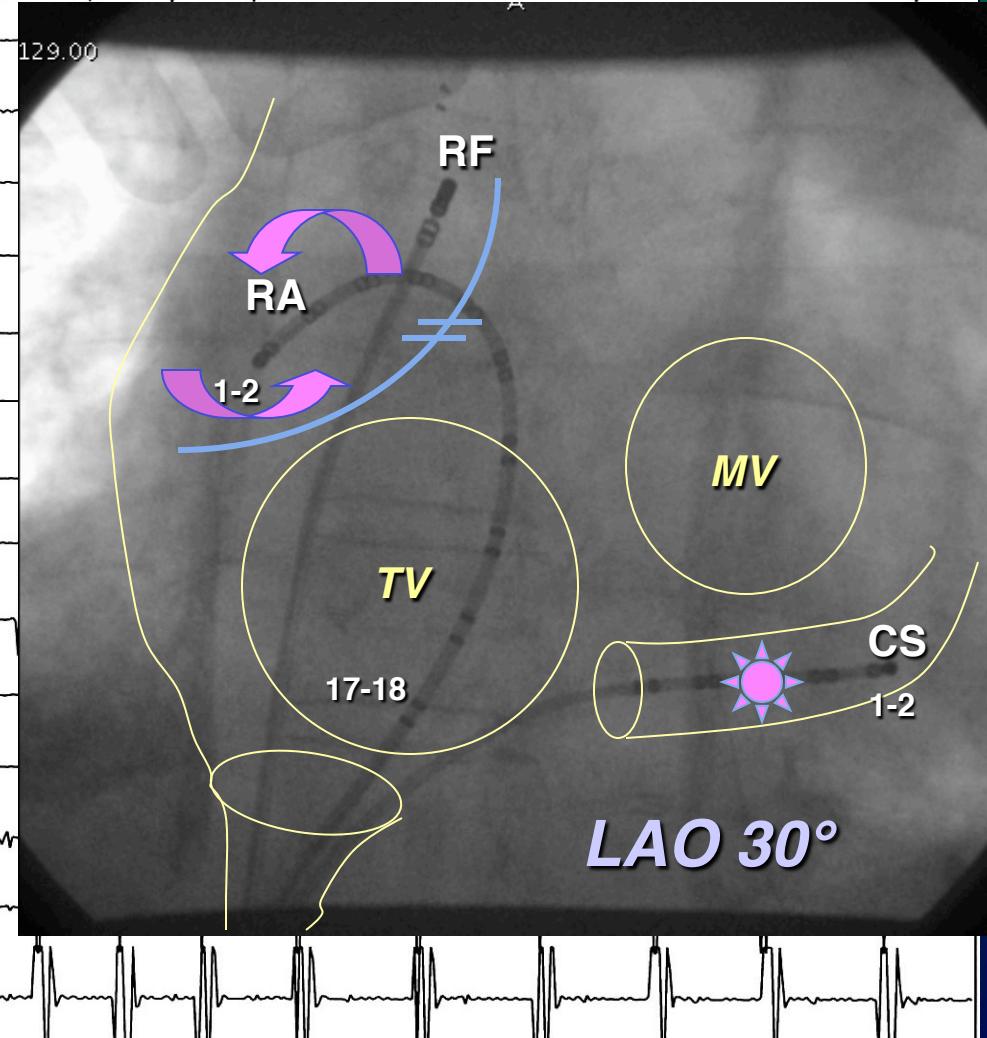
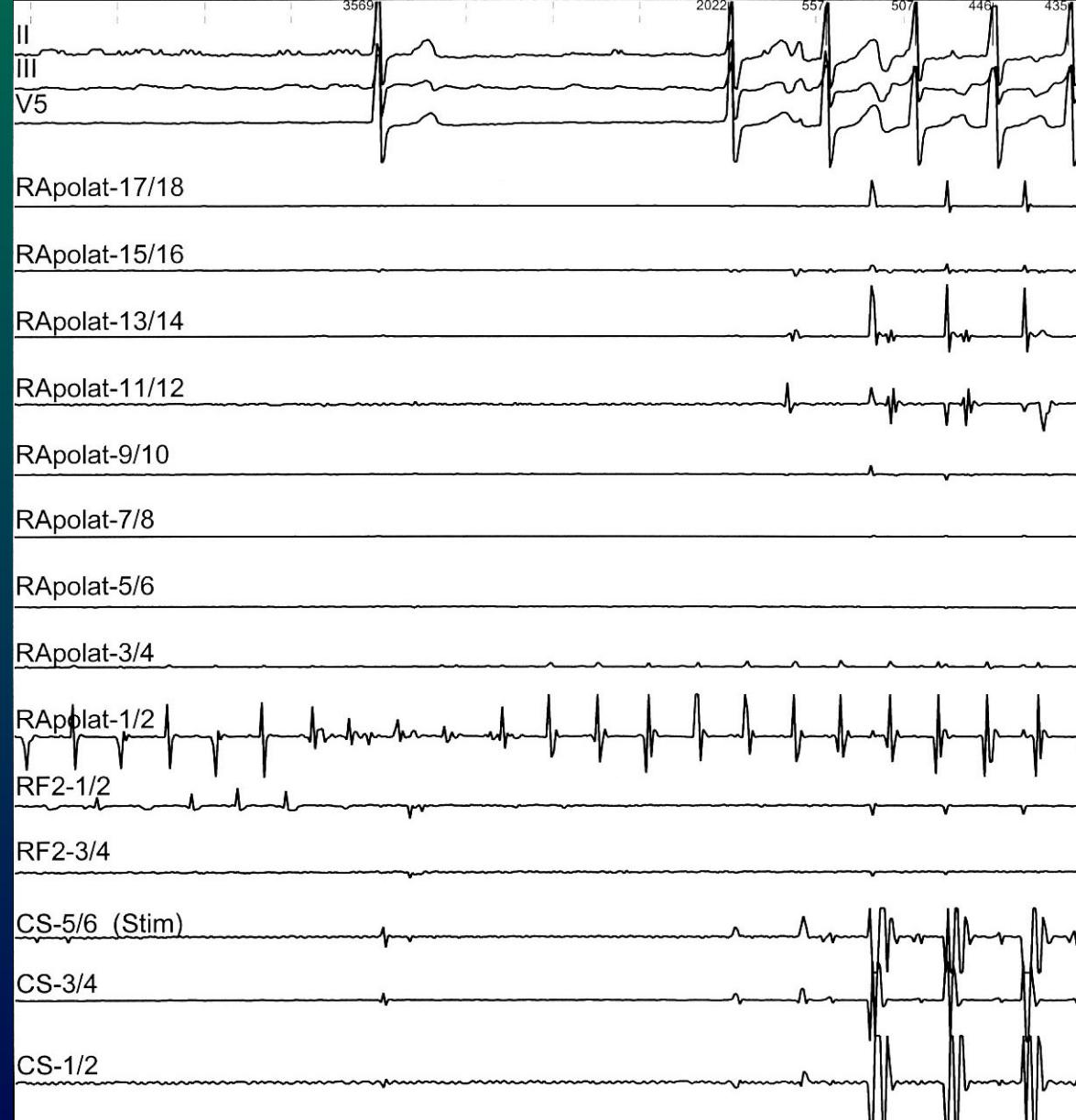
Stimulation via CS-Katheter

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Bremen
EPControl



Stimulation via CS-Katheter

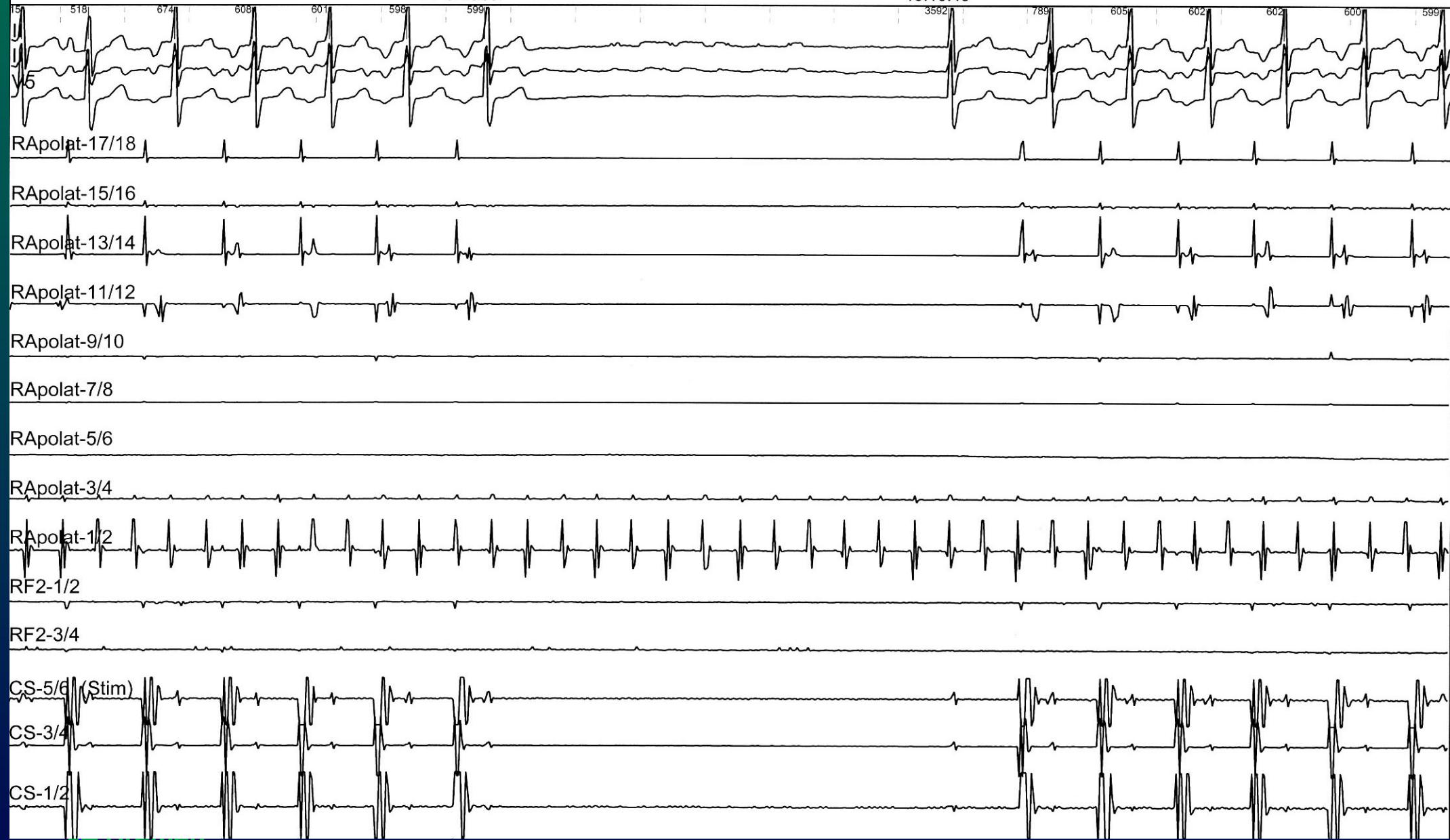
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2011WES



Stop Pacing

Pacing

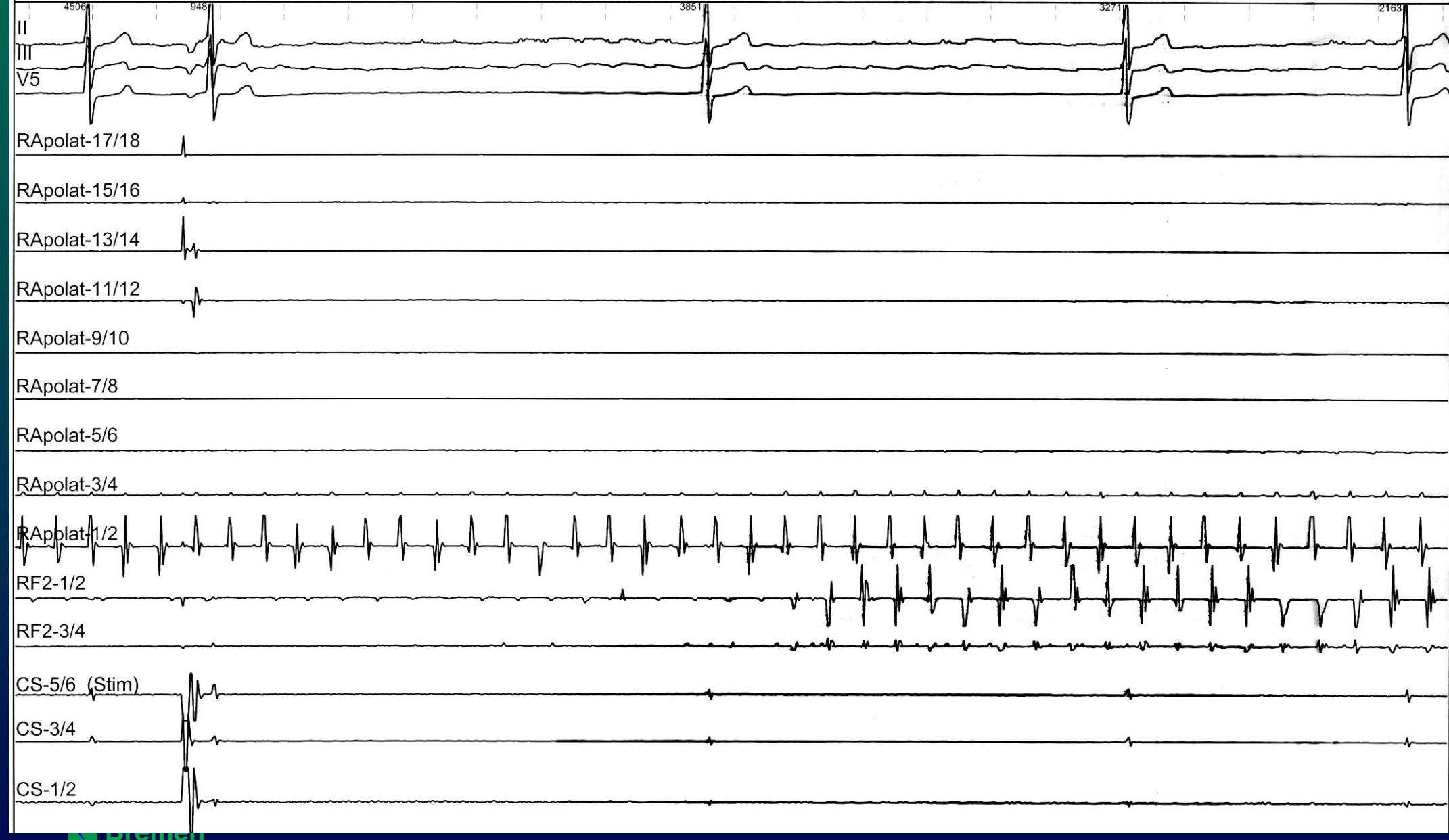
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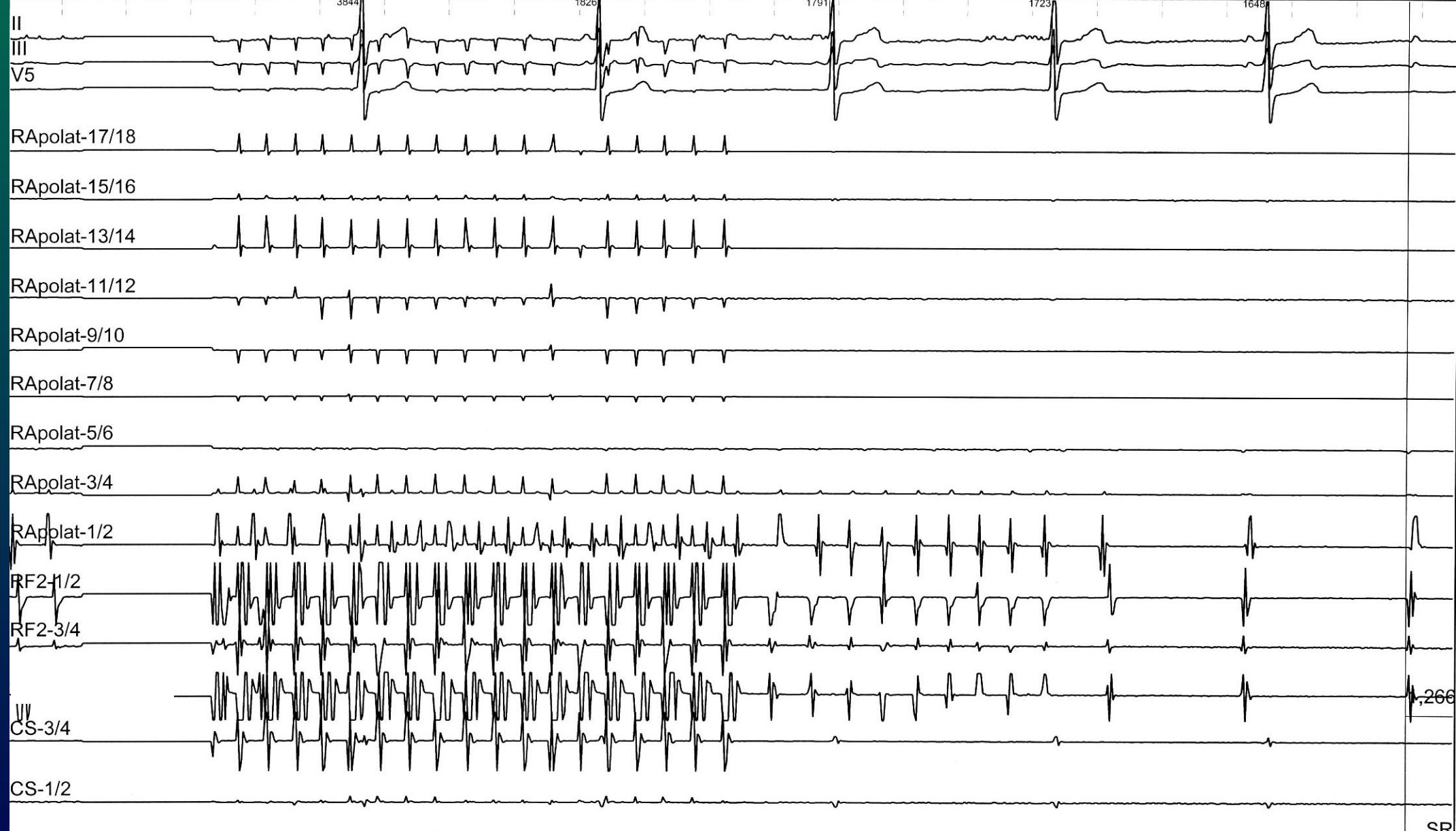


„Schwitzen“

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Bremen

„overdrive pacing“ der atrialen Tachykardie

SR

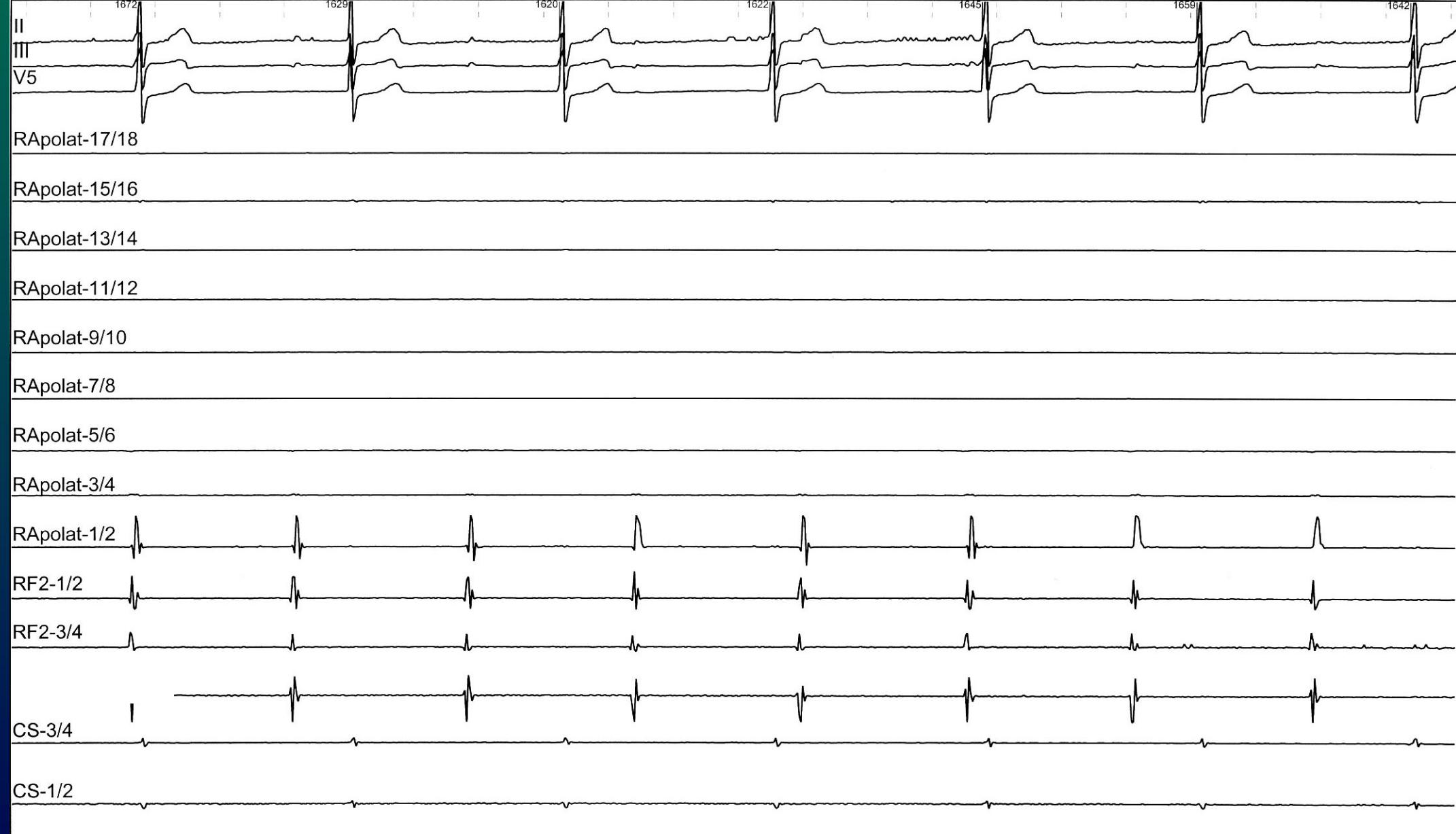
Kinderklinik Bremen, Personen
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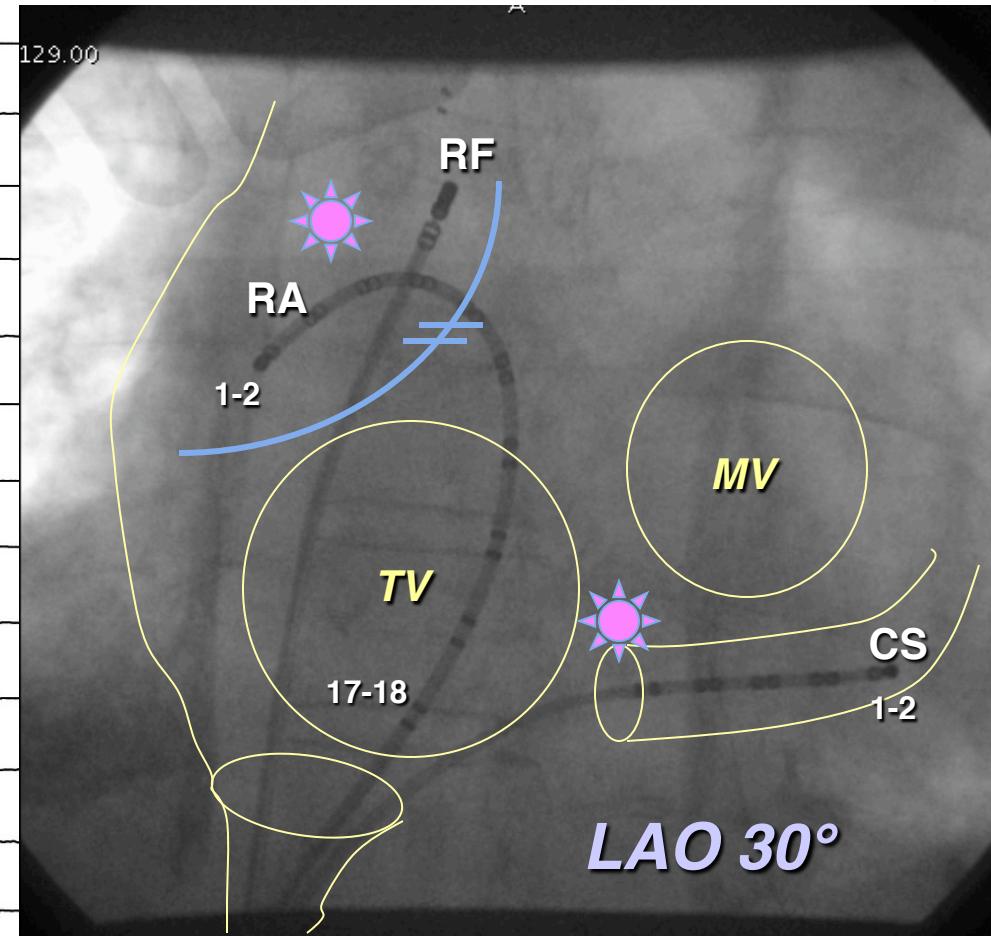
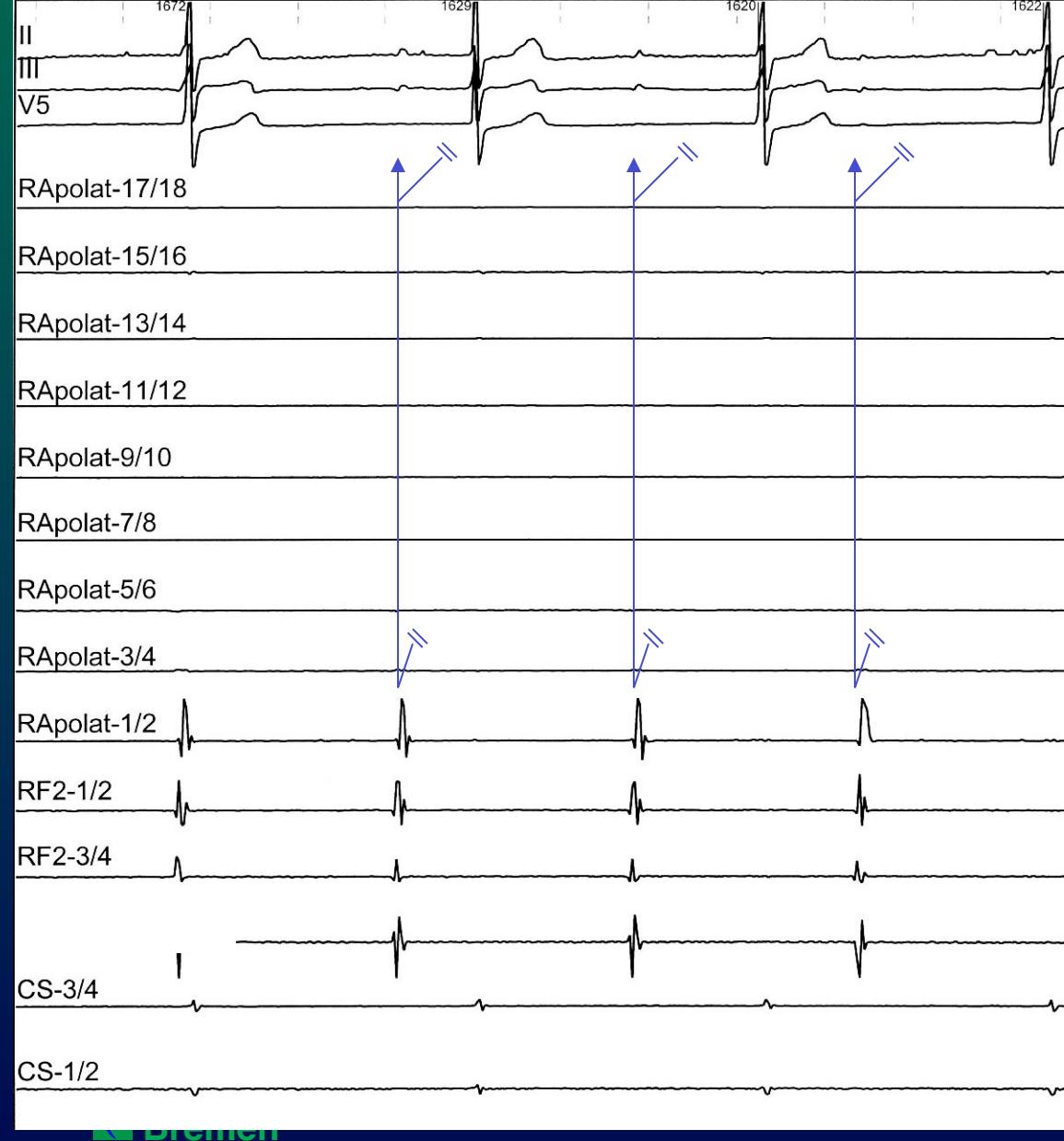
sino-atrialer Block + junktionaler Ersatz-Rhythmus

KARDIOTON Bremen, Version 1
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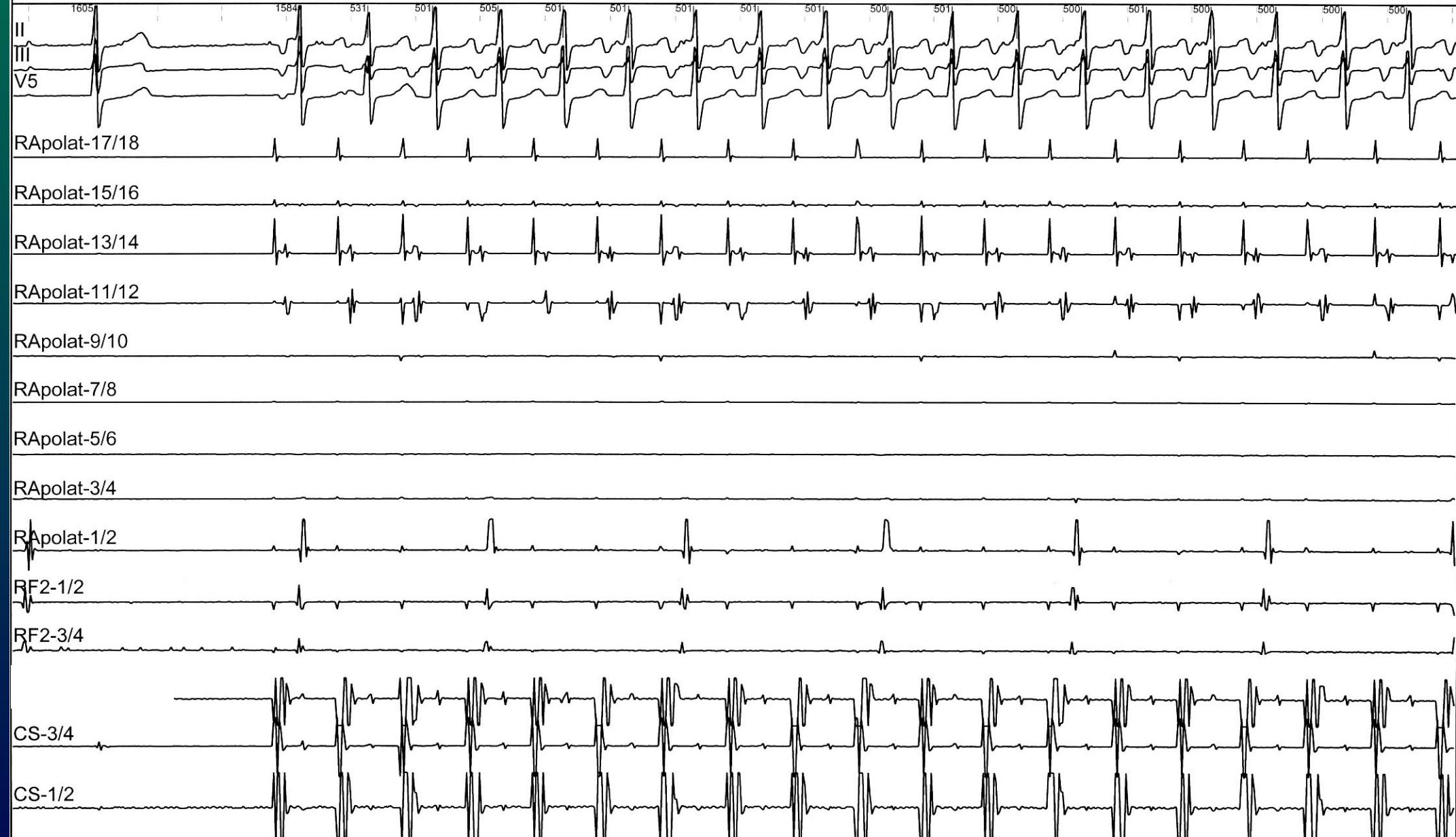
(sino-) atrio-atrialer Block + junktionaler Ersatz-Rhythmus

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Bremen

Pacing via CS-Katheter

“Master of Disease” - I do it my way”

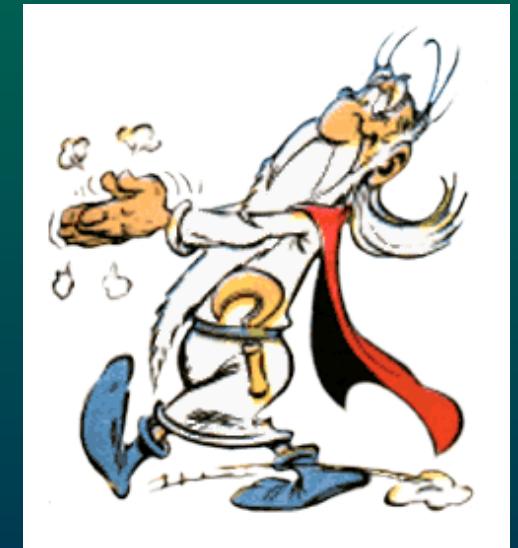
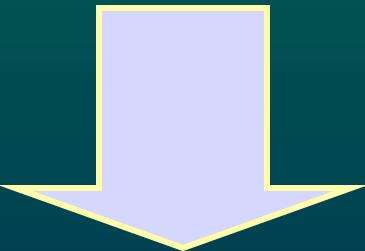
Zusammenfassung

- Sinusknoten in Nachbarschaft zu AT
- AT nicht abladiert, nur isoliert (auch SN!)

Take-Home :

- vermeide komplett e Isolation von Myokardarealen
- lokalisiere Sinusknoten vor Ablation

“Master of Disease” - I do it my way”



***“Master produced a Disease” -
I will never do it that way”***