

Fallvorstellung Kammertachykardien

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KSBL Liestal



Herr T.H. 66j

Reguläre Verlaufskontrolle

Diagosen

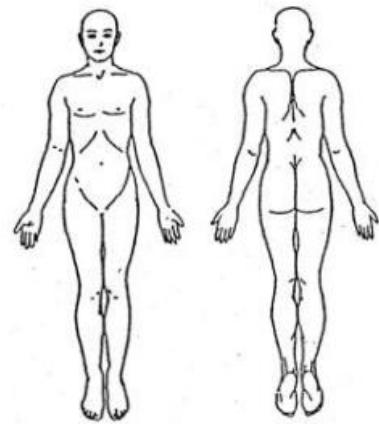
1. Koronare Herzkrankheit mit ischämischer Kardiomyopathie
 - cvRF: St.n. Nikotabusus, positive FA, Dyslipidämie
 - St.n. Vorderwandinfarkt 1999
 - St.n. AKBP LIMA-RIVA, Vene an RCX 1999
 - Primärprophylaktische ICD Implantation (St. Jude 1377-36C)
 - TTE: LVEF 20-25%, Ausdünnung des Myokards anterior und anteroseptal Apikales Aneurysma.



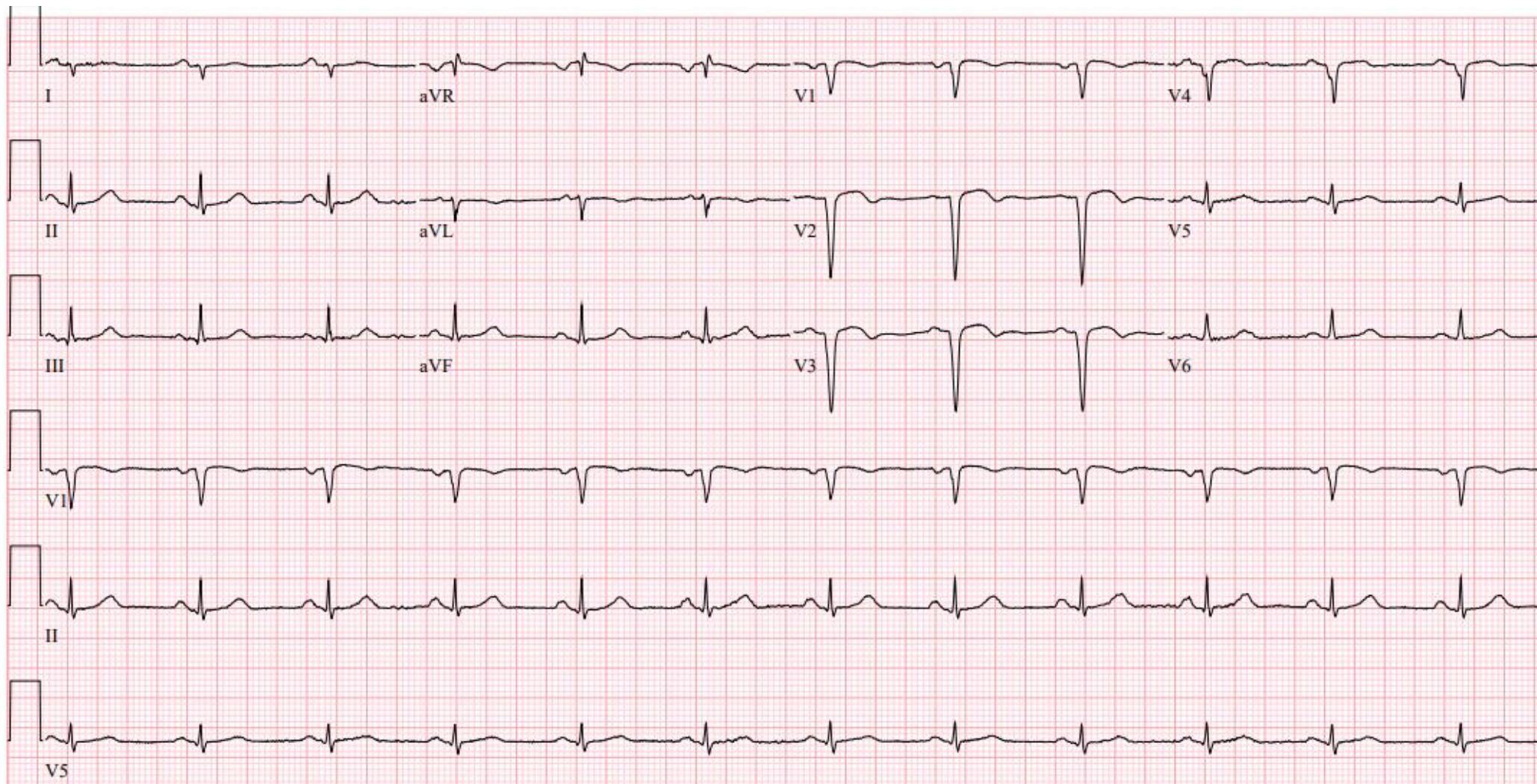
Sy

- Stabile Dyspnoe NYHA II

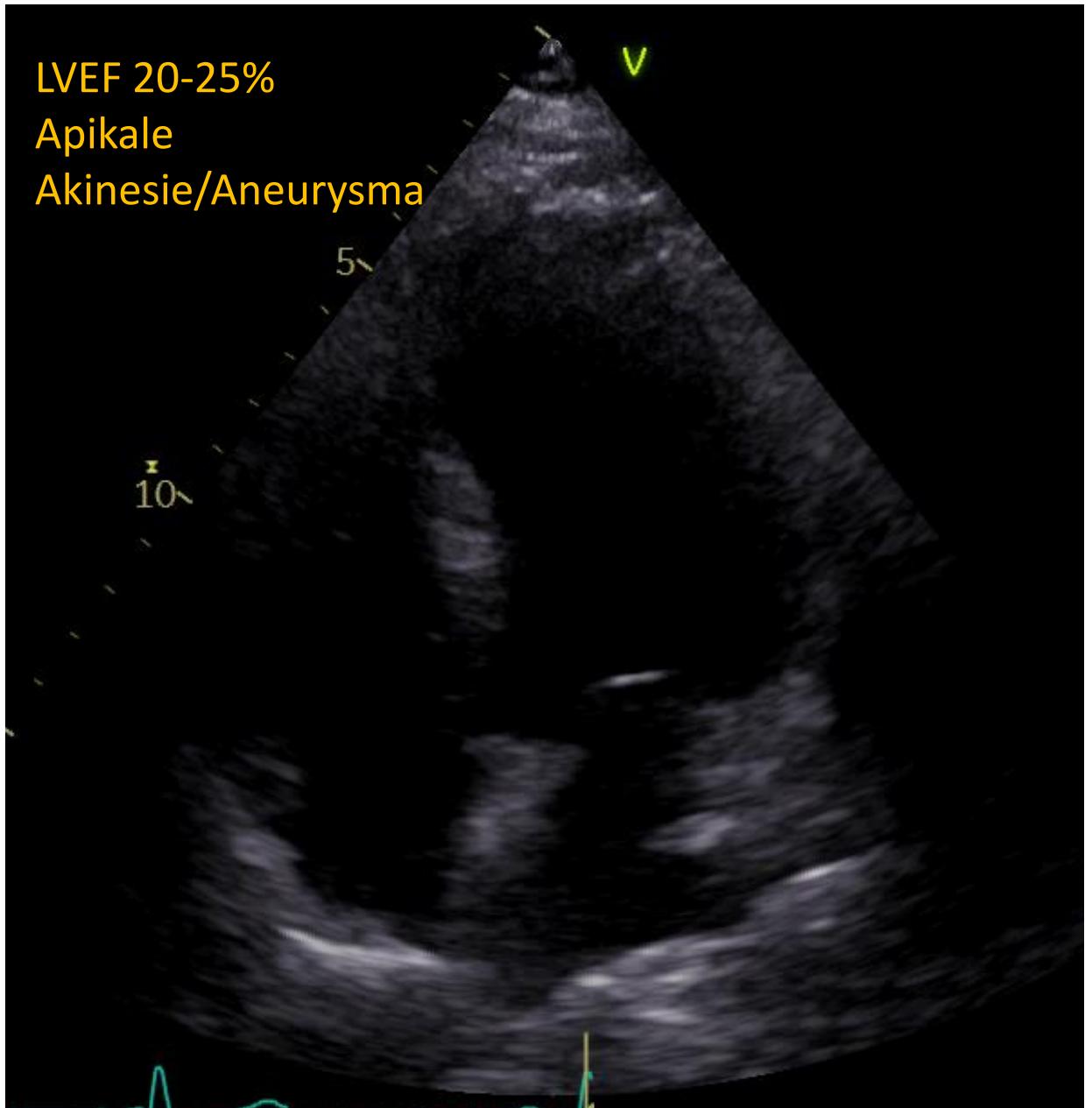
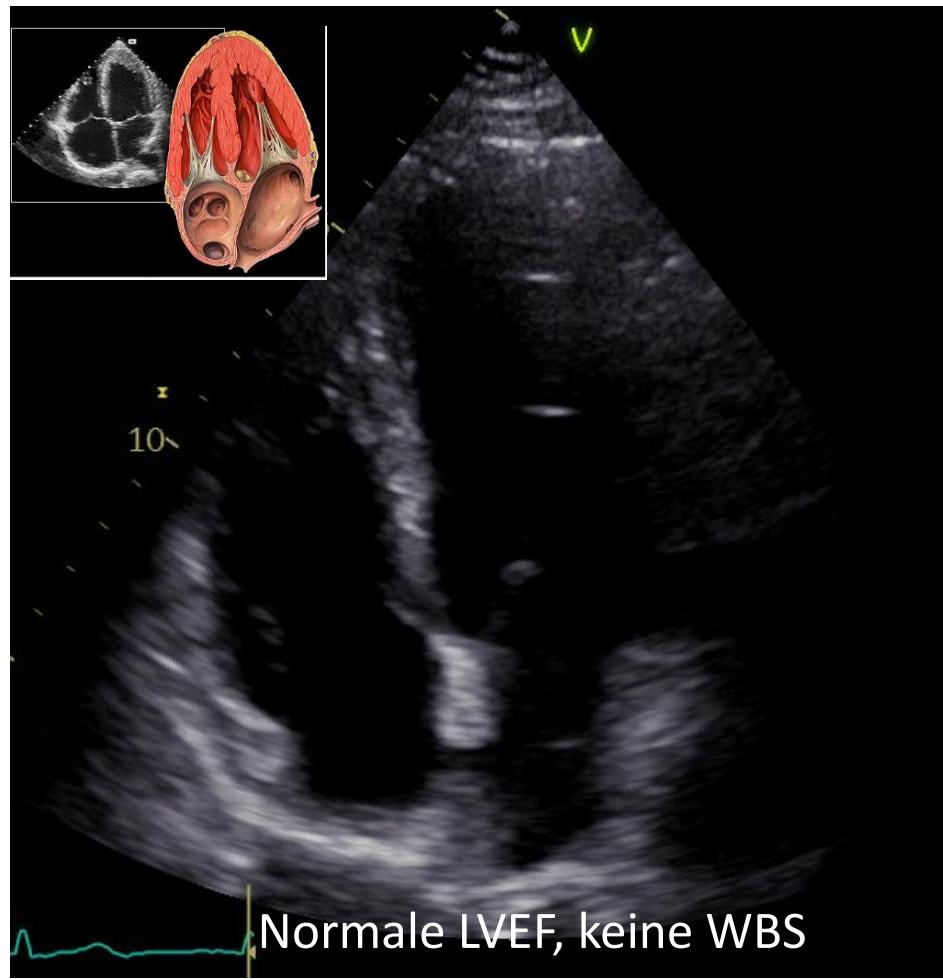
Med: Cordarone 200mg, ASS 100mg, Forxiga 10mg, Torasemid 15mg, Carvedilol 75mg, Entresto 200mg, Eplerenon 50mg, Crestor 20mg

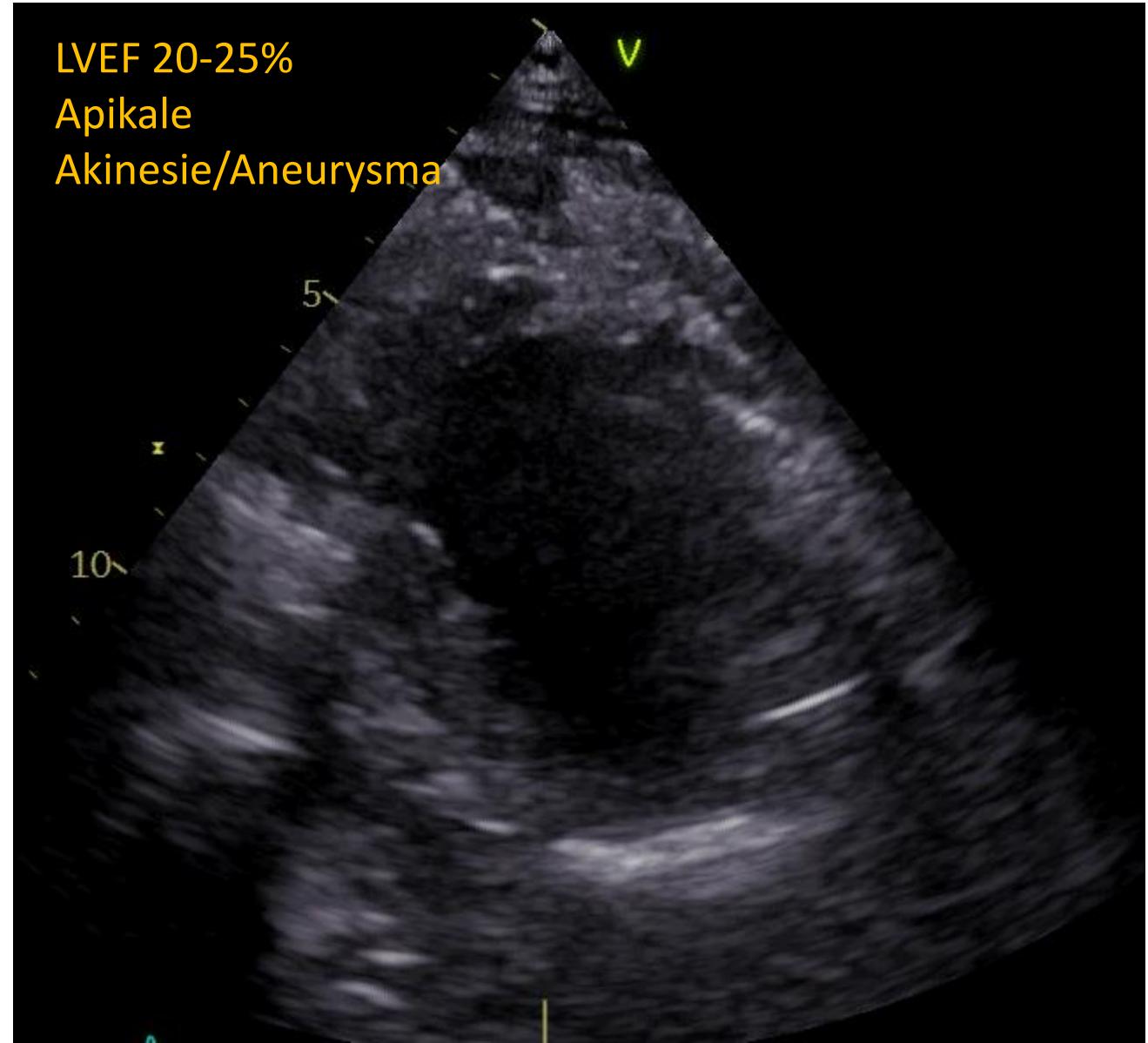


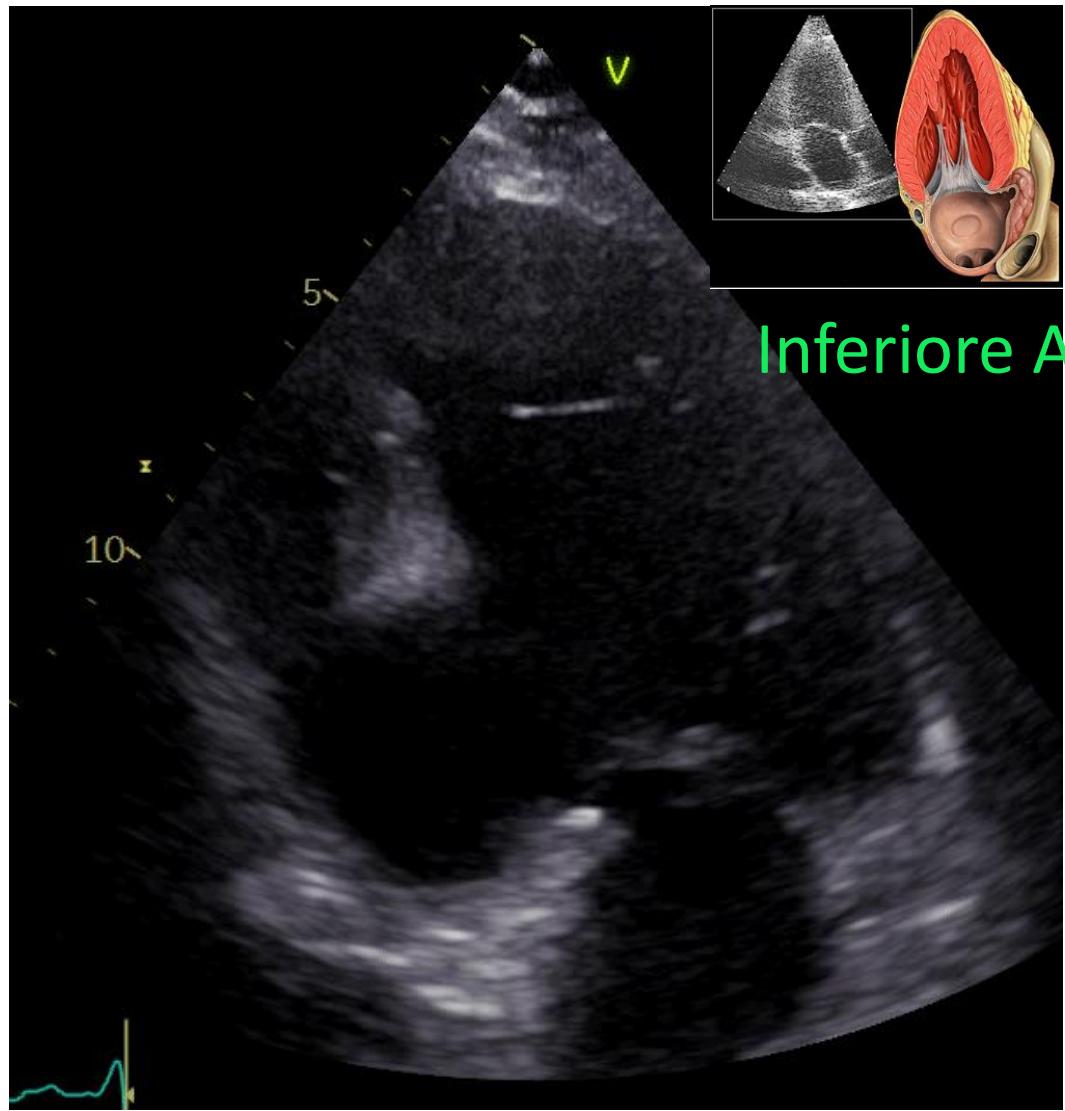
- Kreislaufstabil,
- kardiopulmonal kompensiert



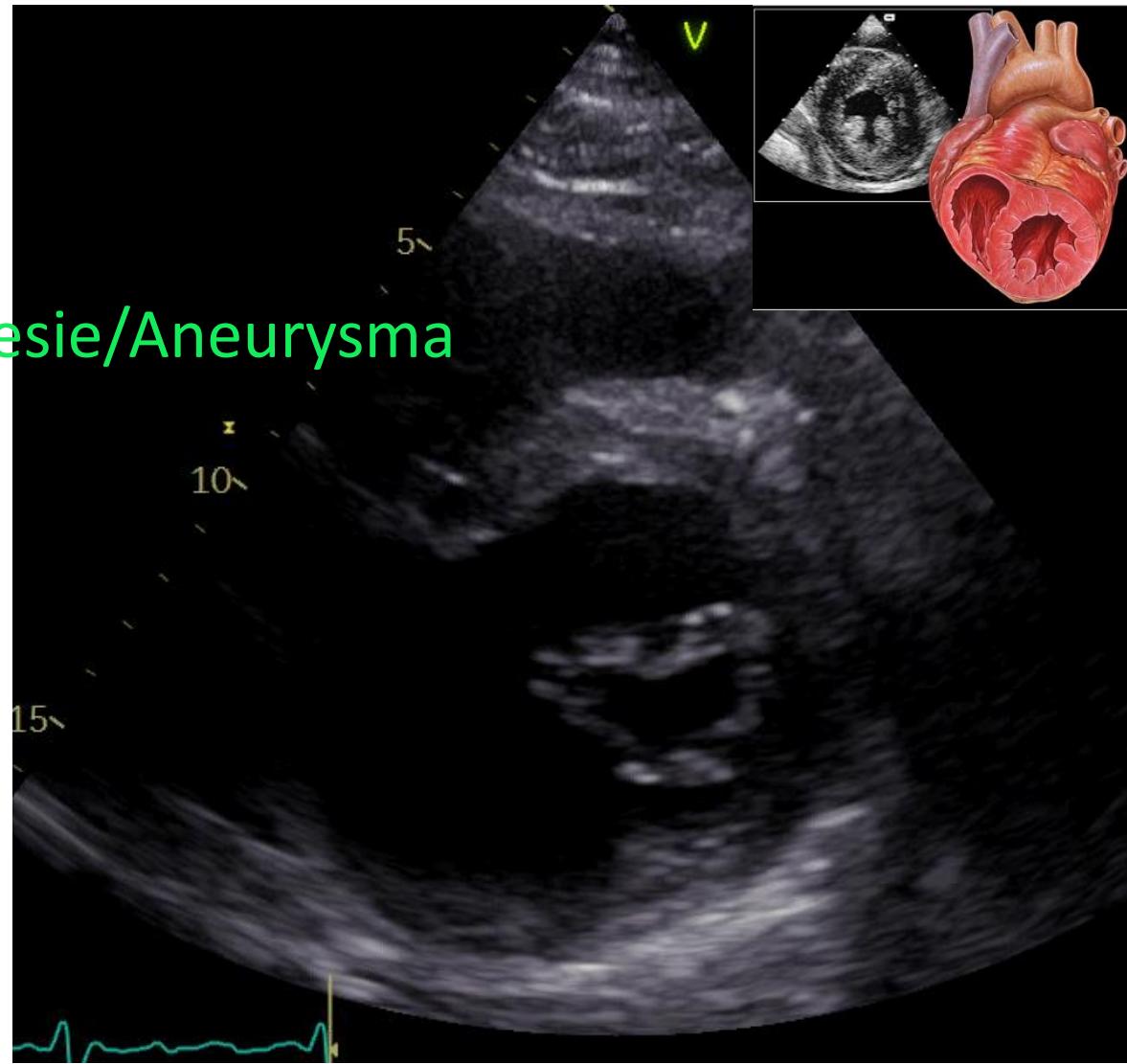
Nc SR, Q-Zacken über V2-V4, T-Negativierungen



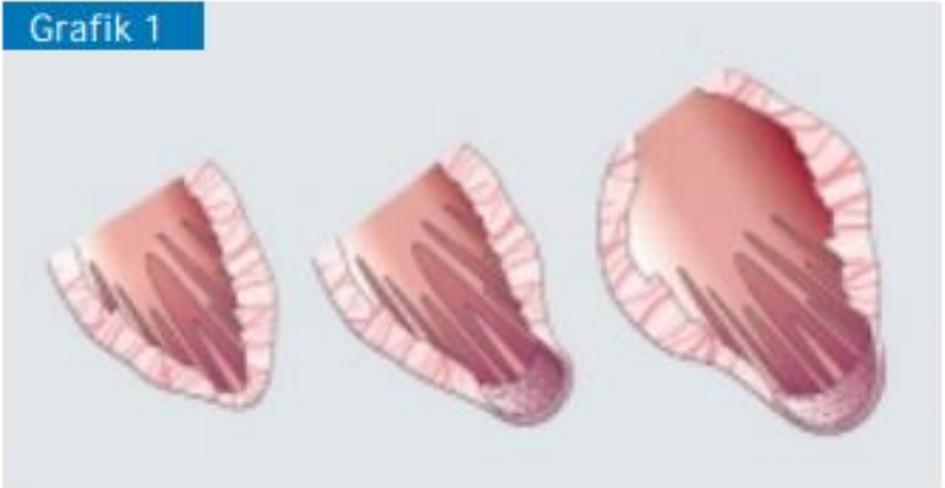




Inferiore Akinesie/Aneurysma



Grafik 1



Grafik 2



Remodeling → Kontraktilität ↓ → Hypertrophie und Dilatation des Restmyokards

→ Rhythmusstörungen, Ventrikelruptur, Kardiomyopathie, Thromben, sek. Klappenvitien

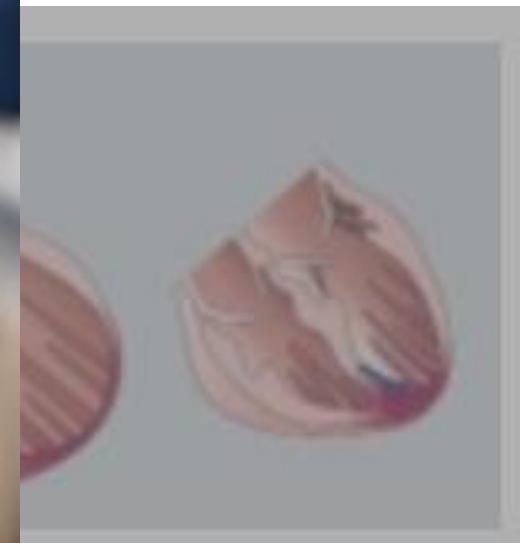
DOR-Plastik
Ventrikelrekonstruktion → *Aneurysmektomie, Patchplastik*

Grafik 1



Remodeling → Kontrakt
und Dilatation des Rest

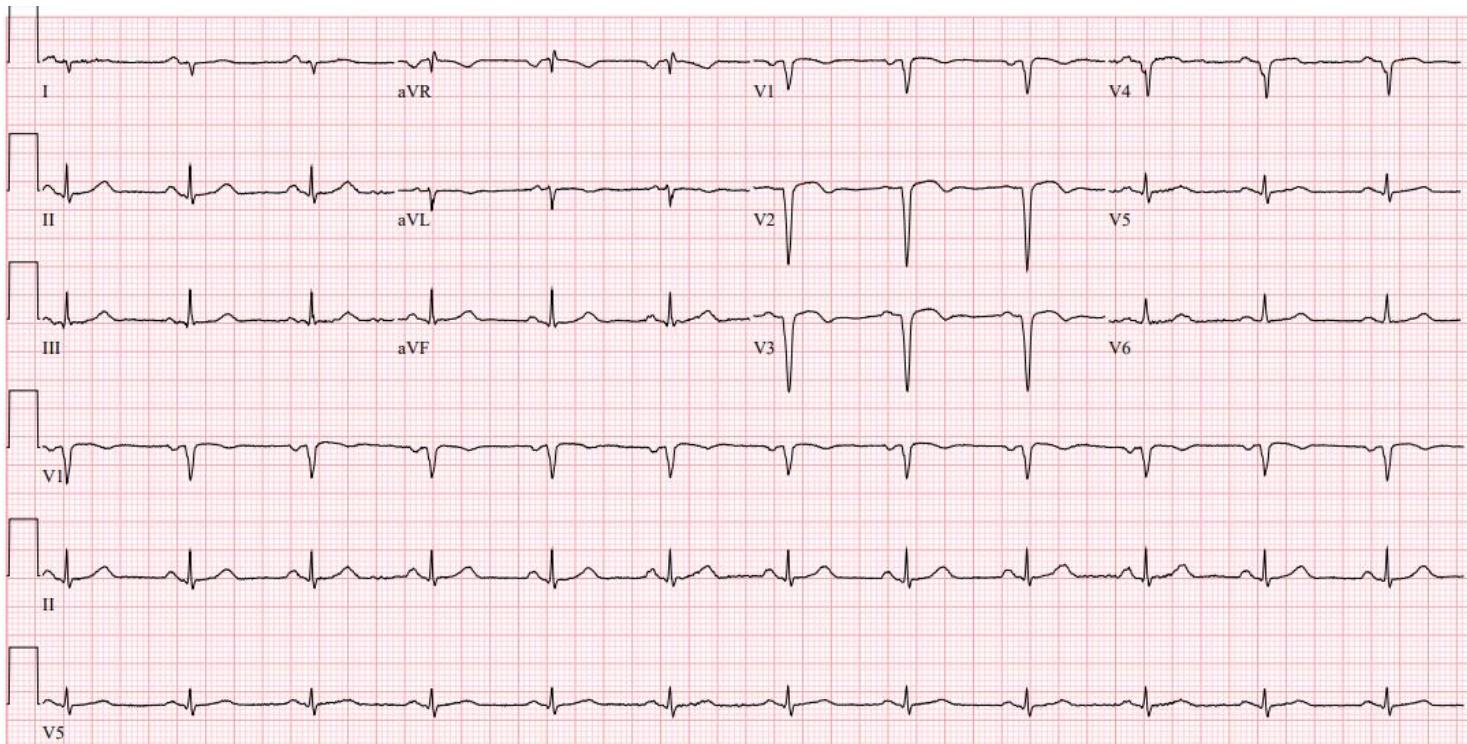
→Rhythmusstörungen,
Kardiomyopathie, Thromben, SCK.
Klappenvitien



**Jährliche Kontrollen unter ausgebauter
medikamentöser Herzinsuffizientherapie**

Im Verlauf....

- Synkope
- Dyspnoe NYHA II
- Keine akute Ischämiezeichen
→ *Stationäre Aufnahme*





Episode: VT (218 min⁻¹ / 275 ms)

VT/VF Episode 4 of 4

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Duration

01:13 (M:S)

Alerts



At least one shock unsuccessful

Detection Criteria

176 - 221 min⁻¹

Duration over 1 minute

Therapy accelerated rhythm

ATP therapy unsuccessful

Therapy

- 1) ATP
- 2) Defib 30.0 J (798V)
- 3) Defib 36.0 J (875V)
- 4) Defib x 2
36.0 J (875V)

Results

- 1) Accel to VF
- 2) VF
- 3) VF
- 4) Below Rate Detection
(CL 645 ms)

HV Therapy

Last HV Lead Impedance	49 Ω
First Charge Time	7.8 sec
Last Charge Time	9.8 sec
Delivered PW	+5.6 ms, -5.6 ms

Parameters

Mode

VVI

Zone Configuration

VT

VF

Base Rate

40 min⁻¹

Detection Criteria

176 min⁻¹

222 min⁻¹

Therapy (ENABLED)

ATP x3

ATP x1

ATP x3

30.0 J

30.0 J

36.0 J

36.0 J x2

36.0 J x4

Capture & Sense

V

AutoCapture

Off

Pulse Amplitude (Margin)

2.0 V (2.6:1)

Pulse Width

0.4 ms

AutoSense

On

Sensitivity

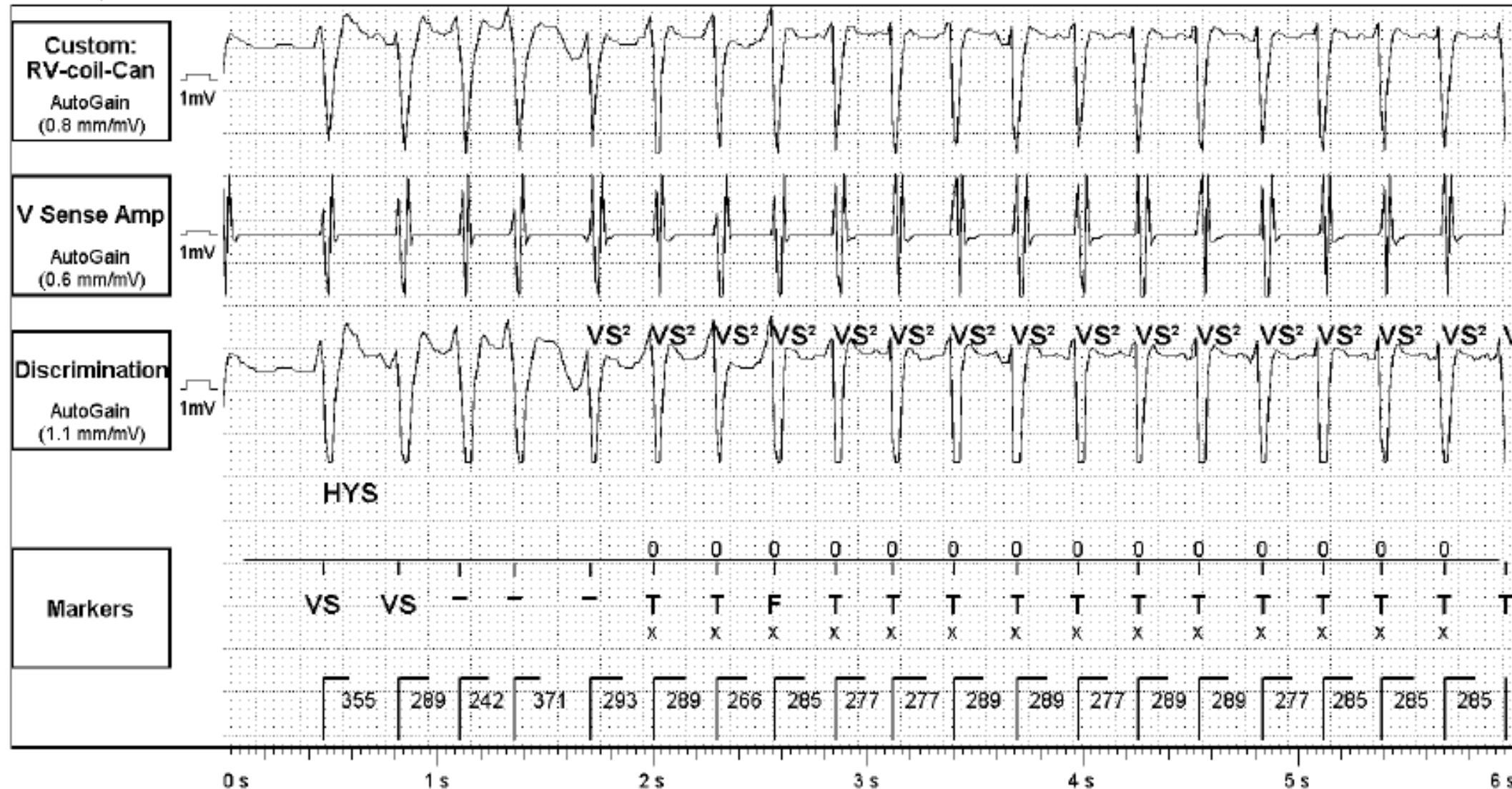
Auto

Episode: VT (218 min⁻¹ / 275 ms)

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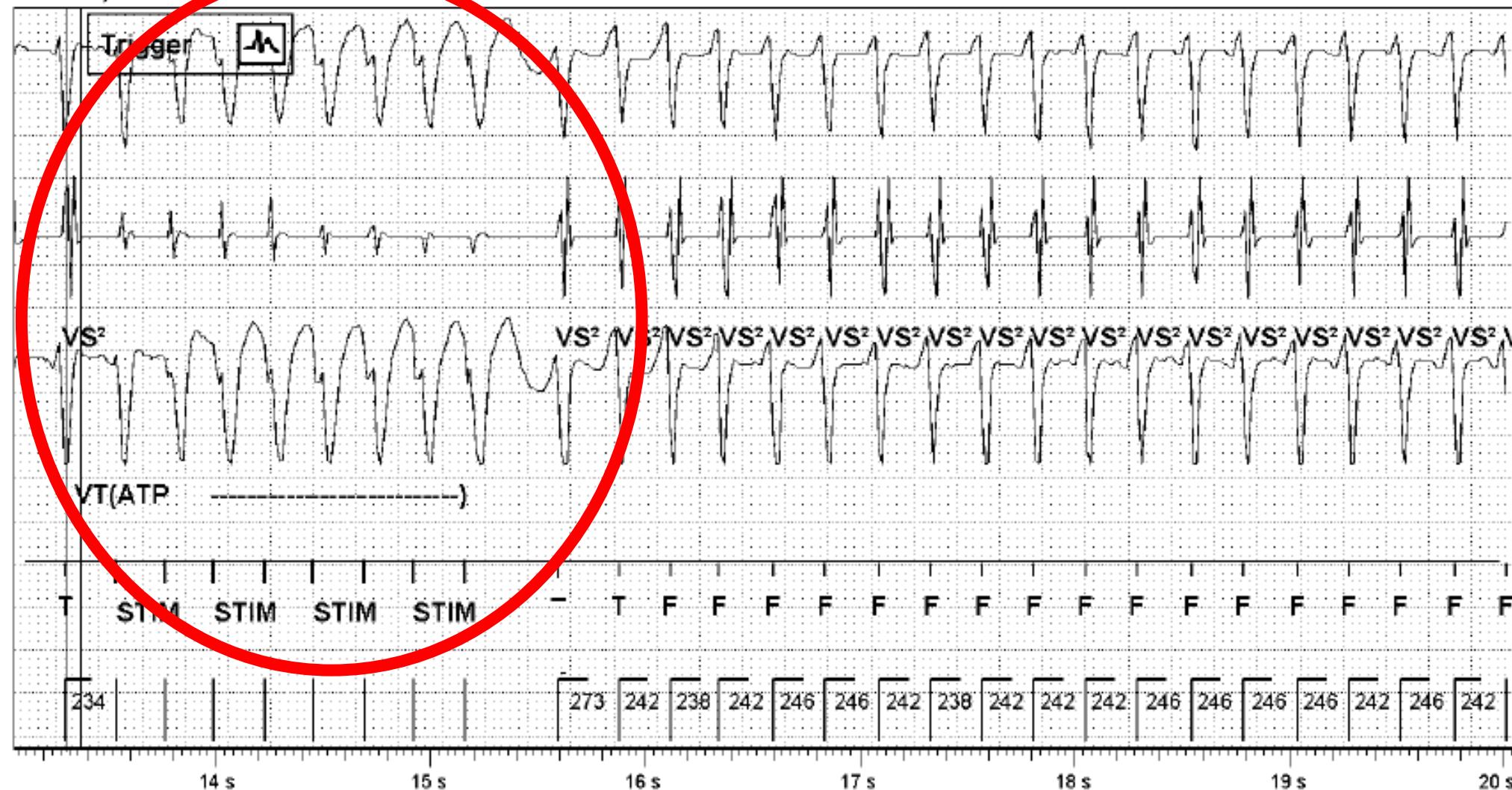
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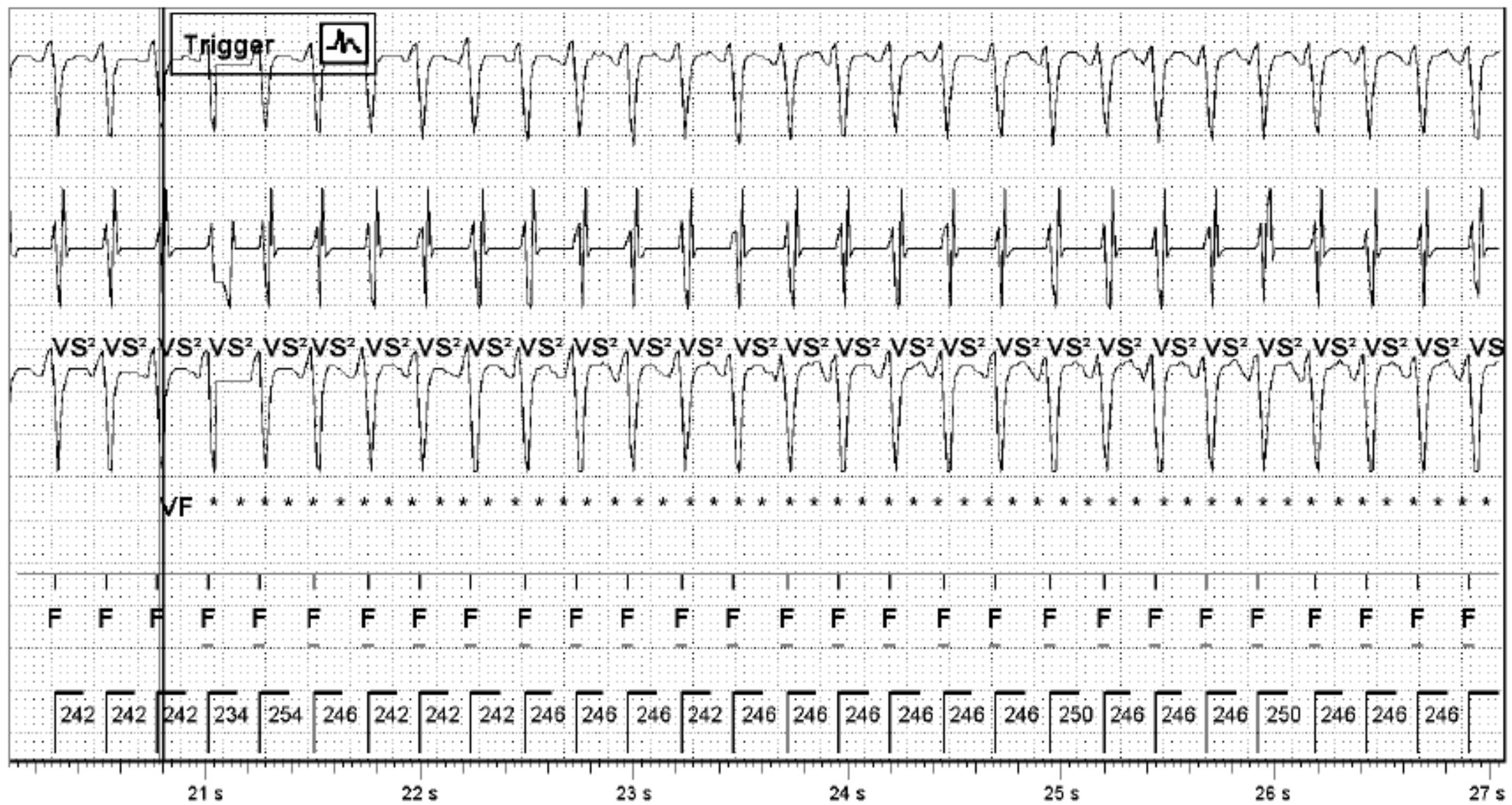


Episode: VT (218 min⁻¹ / 275 ms) (Continued)

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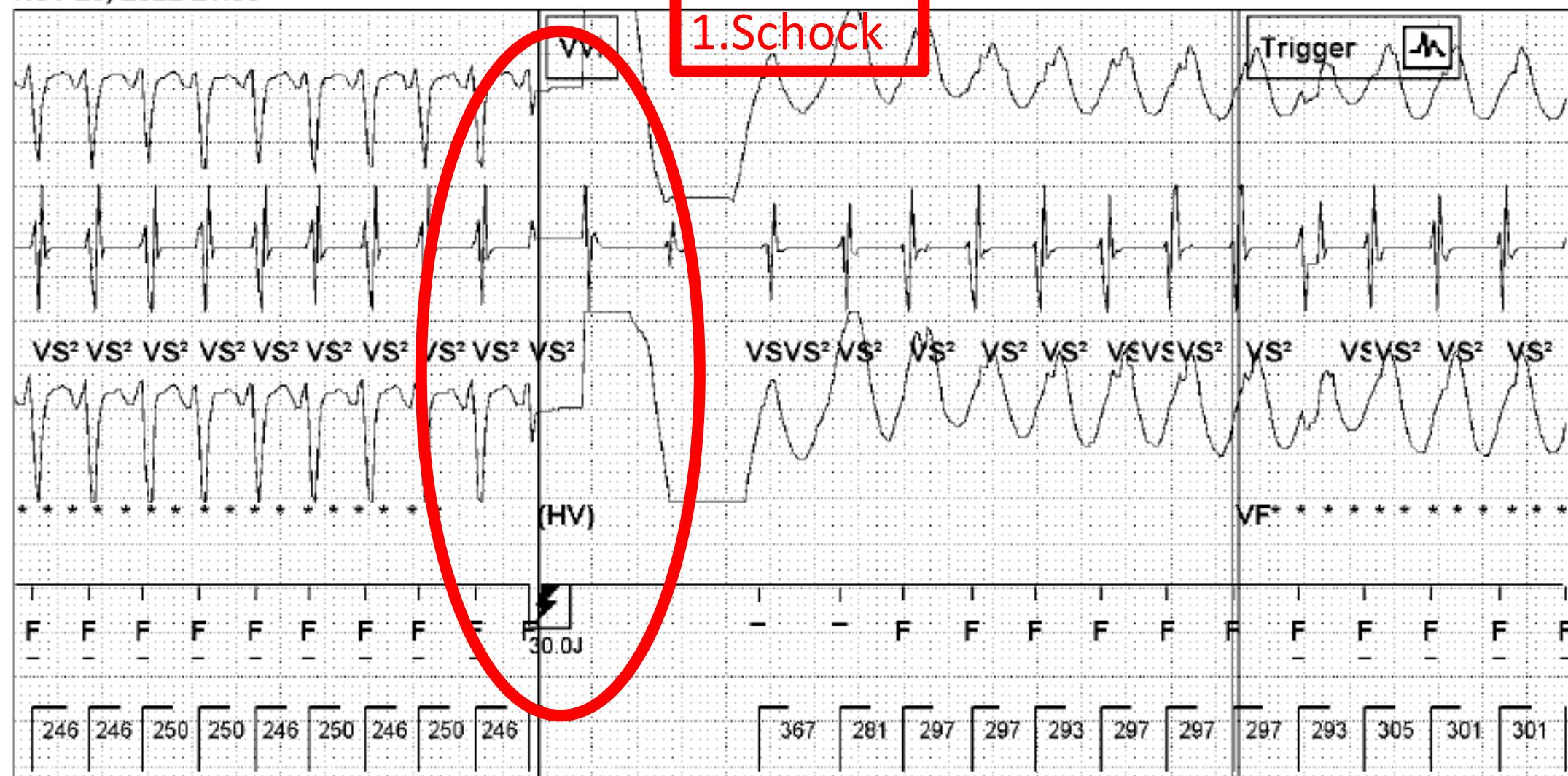


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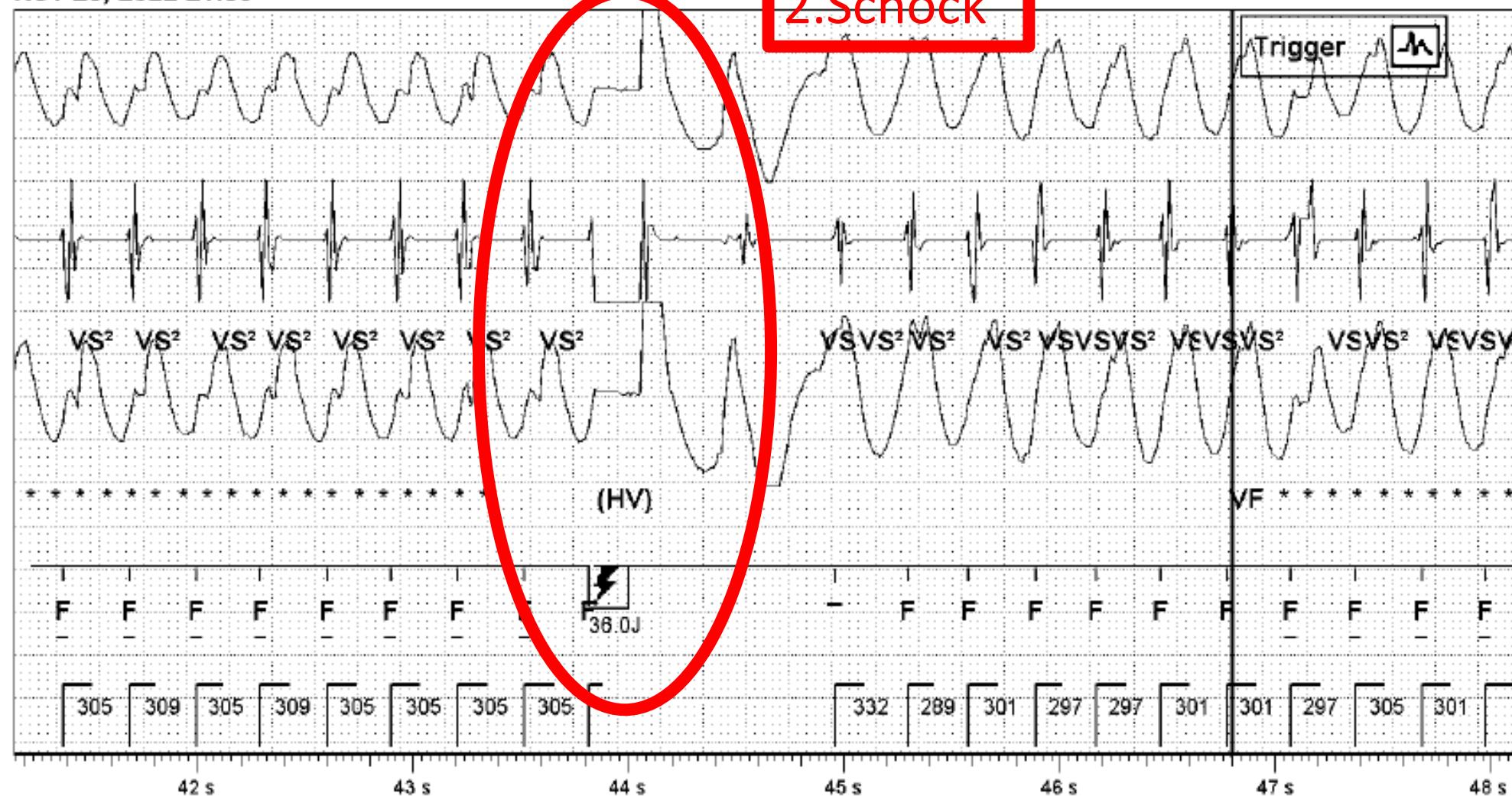


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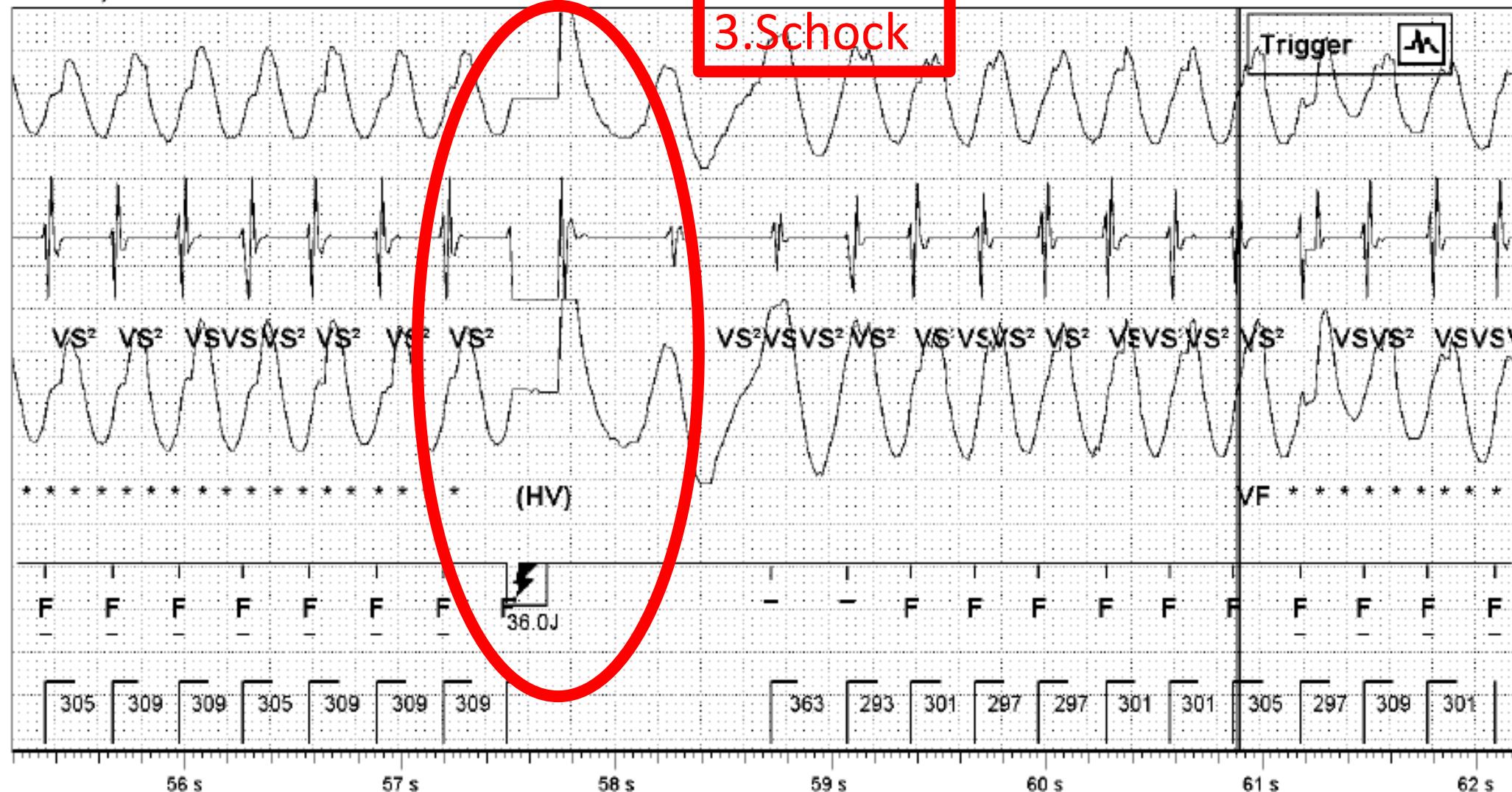
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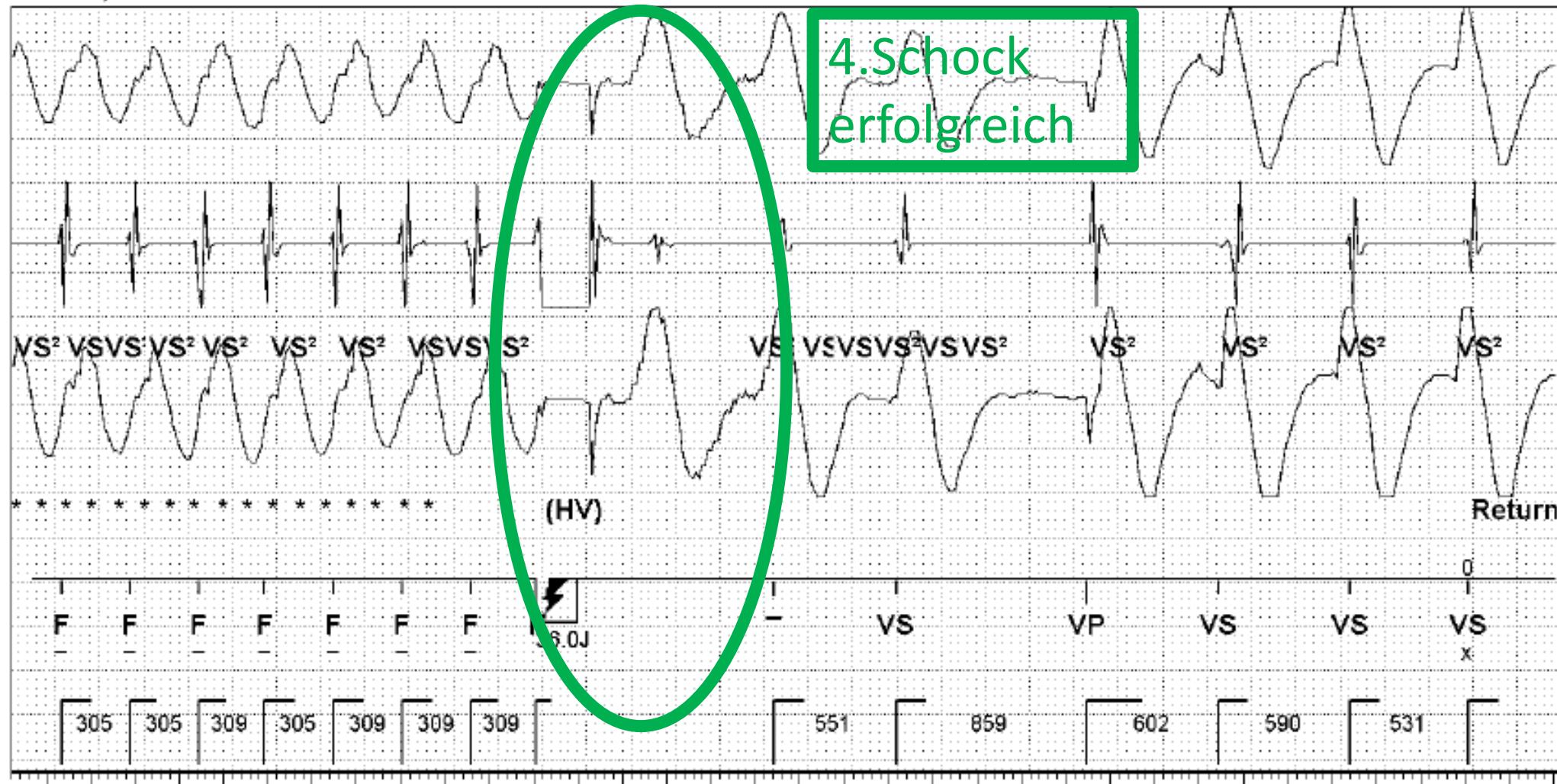


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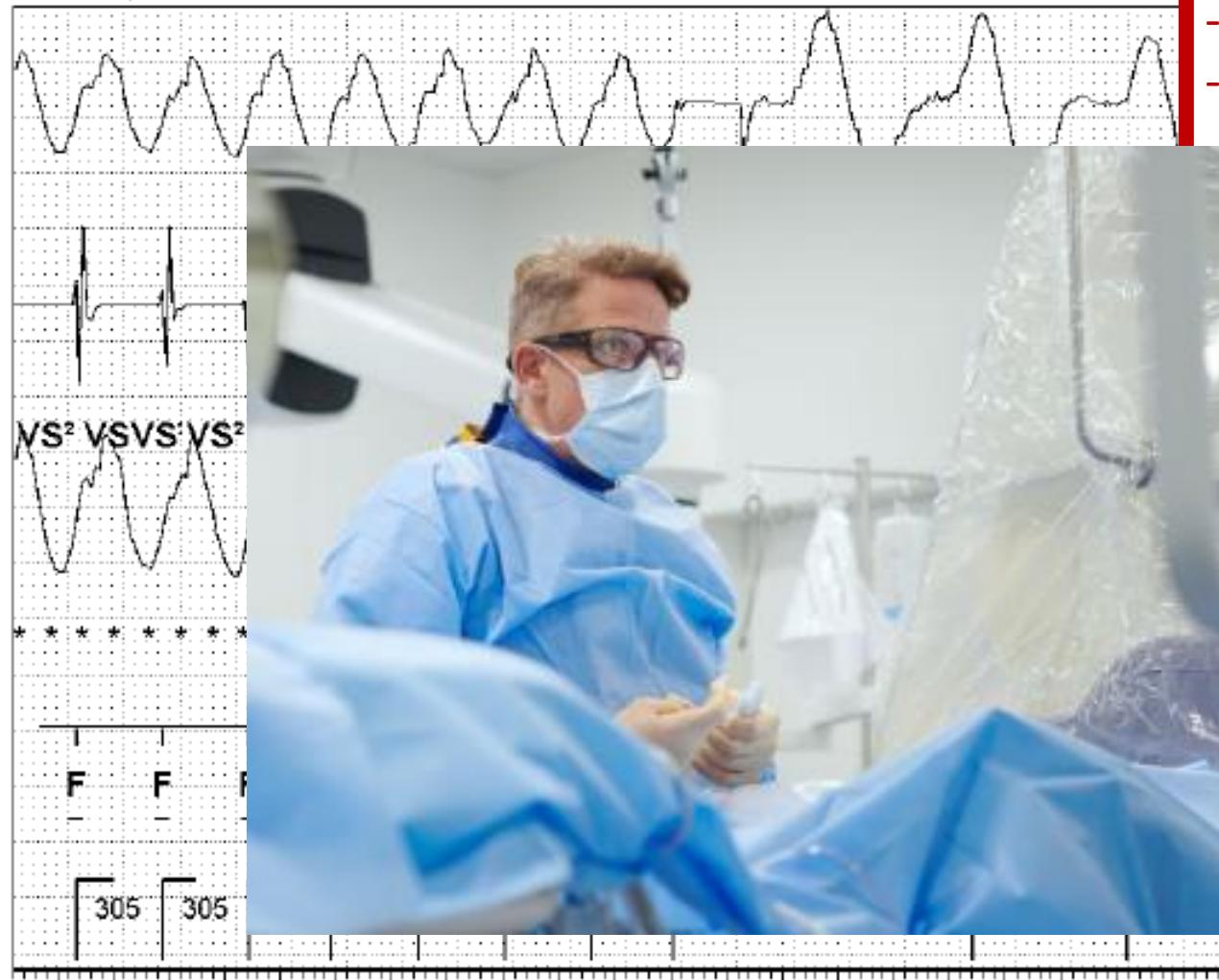
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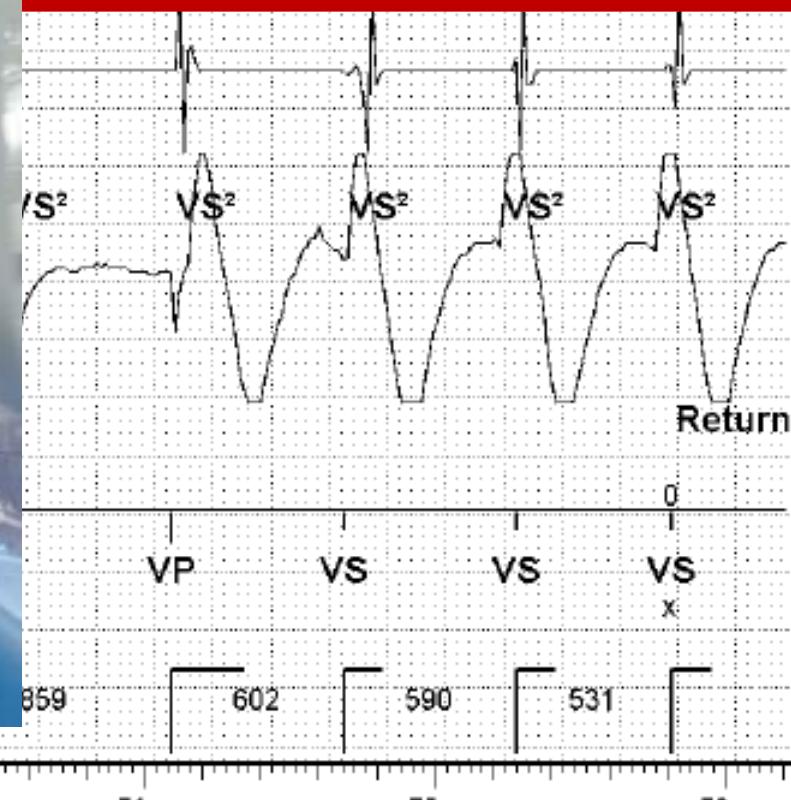
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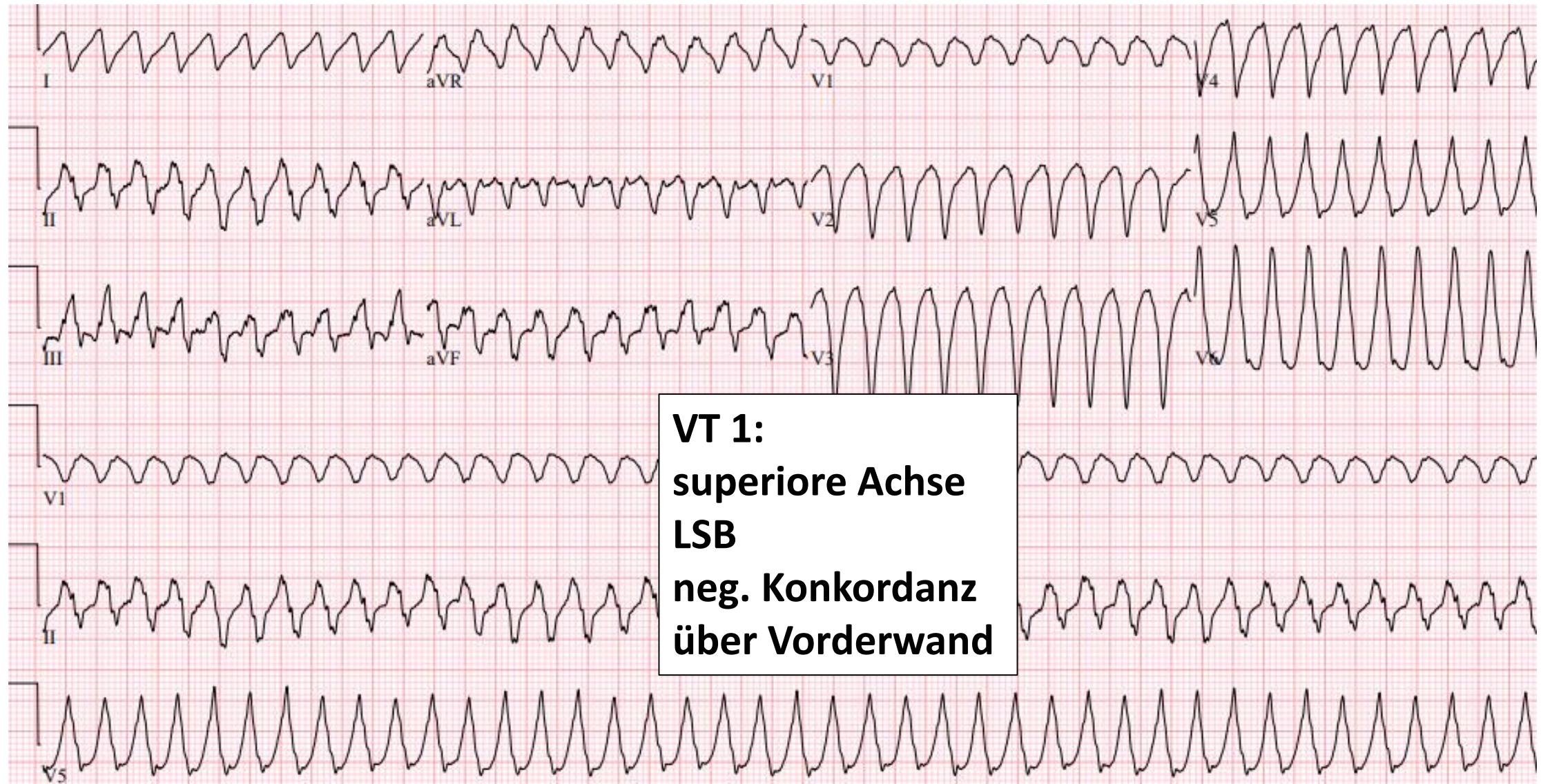
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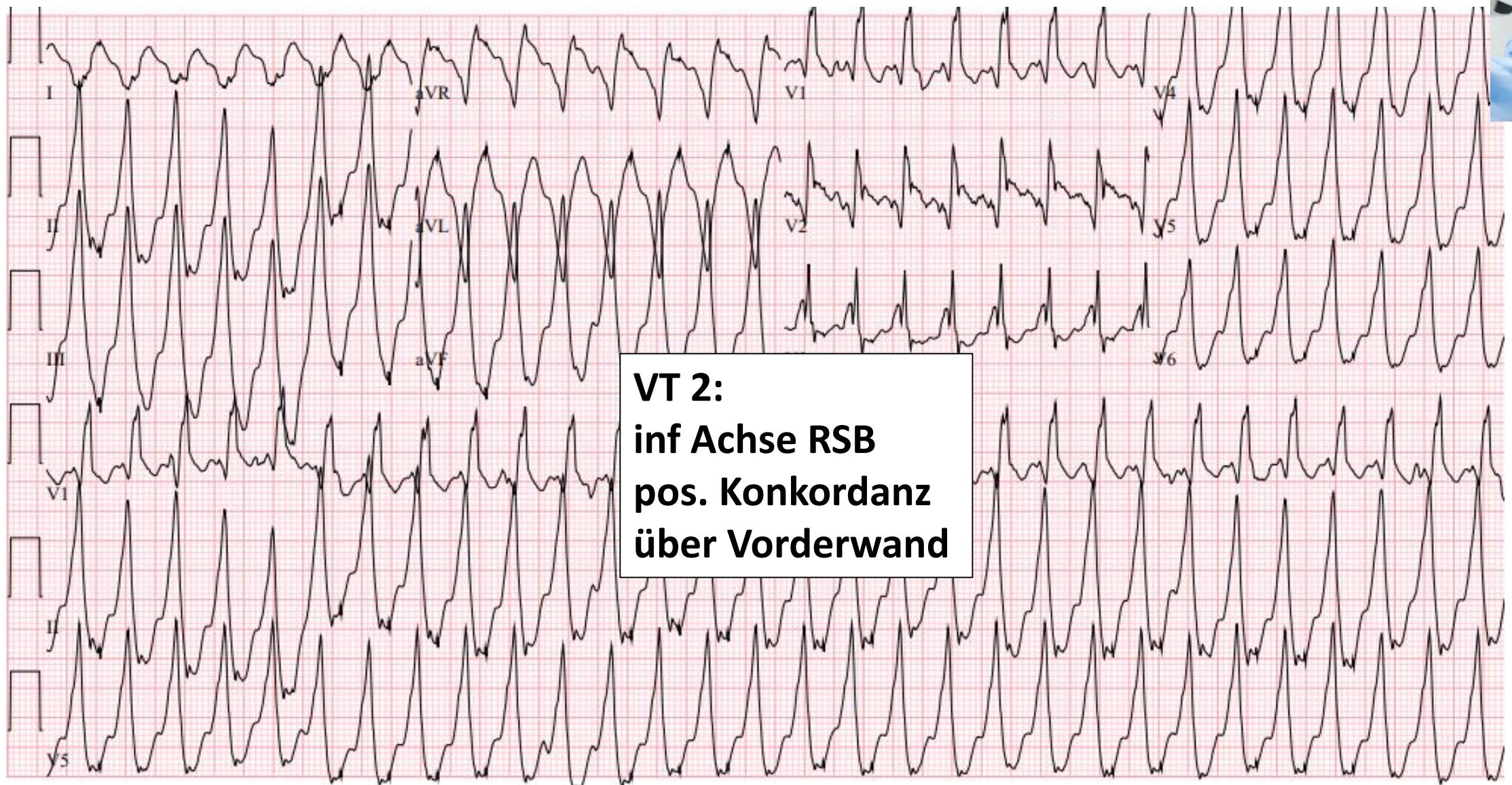


1 Kammertachykardie (korrekt erkannt)

- **1x ATP erfolglos**
- → **Akkzeleration in Flimmerzone**
- **Konversion in den Sinusrhythmus nach 4 Schockabgaben**

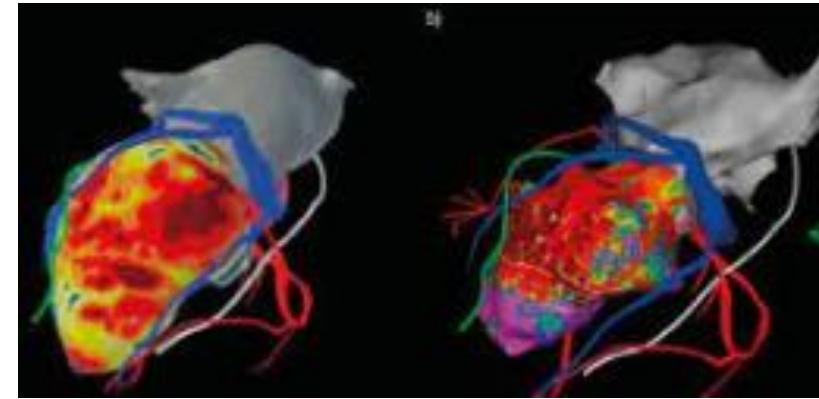
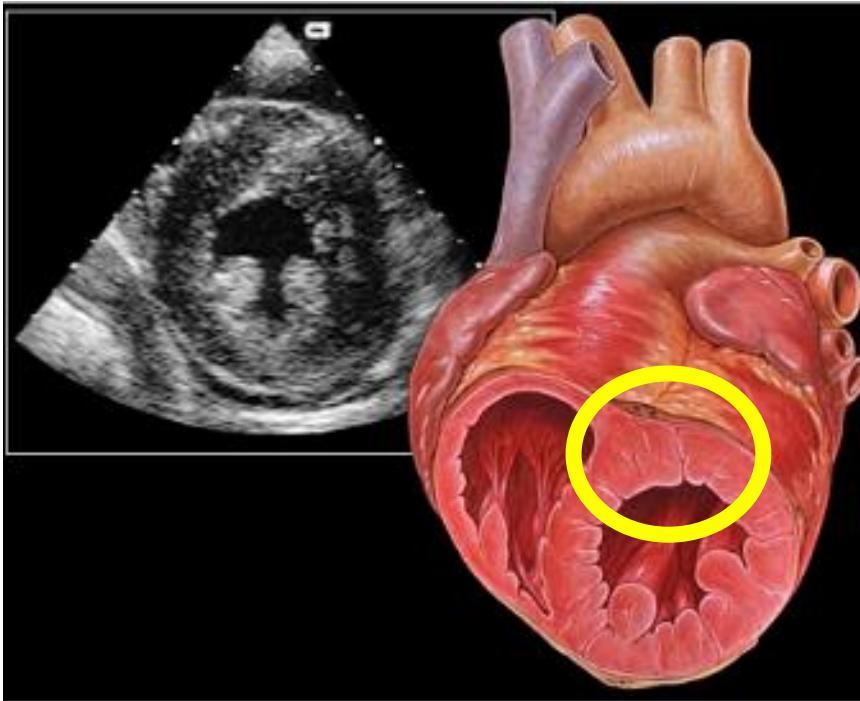






**VT 2:
inf Achse RSB
pos. Konkordanz
über Vorderwand**





«Low Voltage Narbe anterior, Bereich des ausgedehnten Anuerysma, mit hoch-fraktionierten Signalen und Late Potentials mit zusätzlicher Verzögerung bei Extraschlägen»

→ *Ausgedehnte Radiofrequenzablation*

→ «Homogenisierter Narbe, ohne fraktionierte Potentiale und ohne VT-Induktion»



- Fortsetzung Cordarone 200mg/d für 3 Monate
- Eliquis 2x5mg/d für 2 Monate
- Ambulante Weiterbetreuung, Termin folgt

