

EKG Eyecatcher

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Supraventrikuläre Tachykardie



Reentry Tachykardie

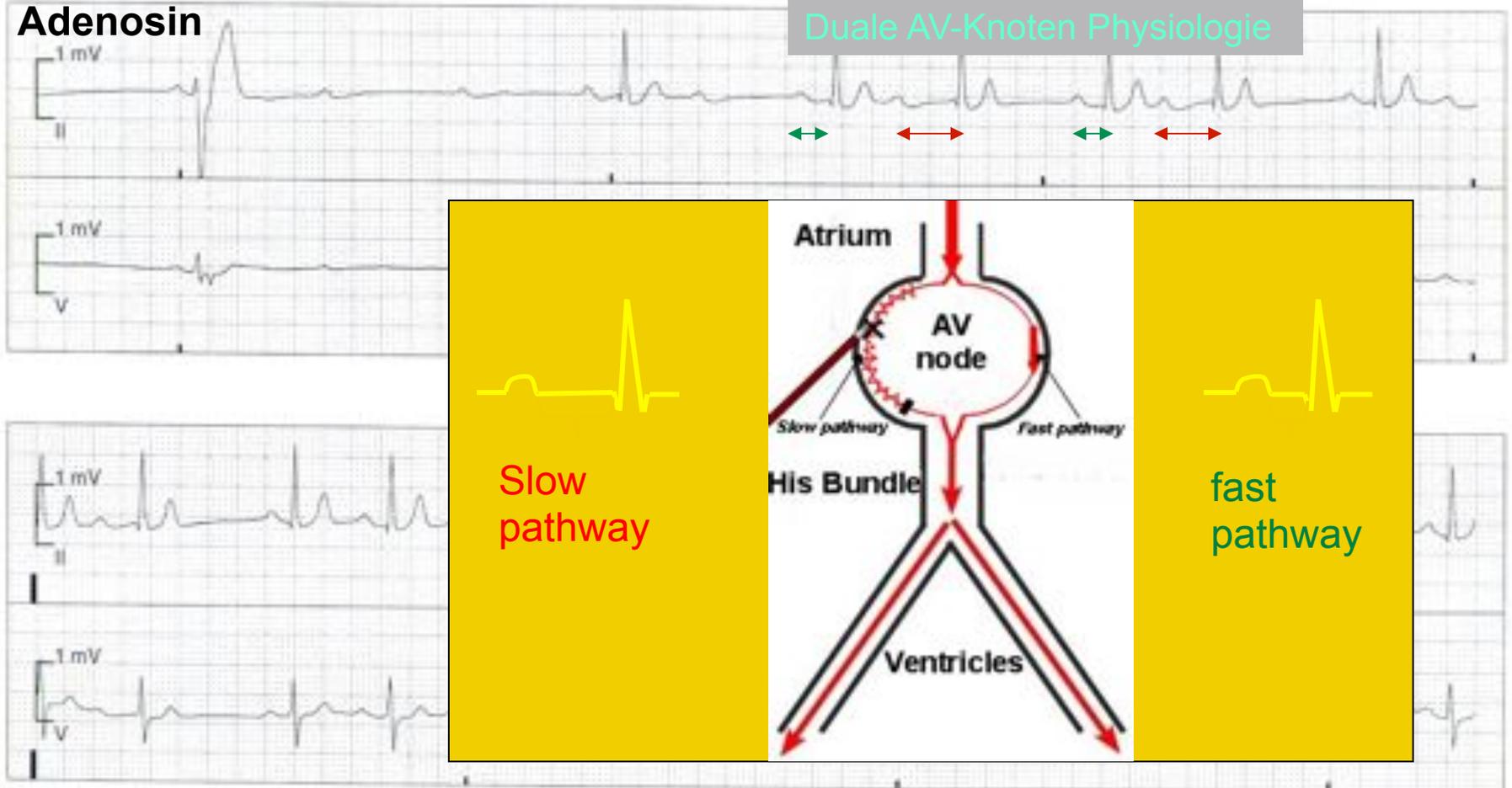
- AV-Knoten Reentry
 - slow-fast (typisch)
 - fast-slow (atypisch)
- AV-Reentry bei akzessorischer Bahn
 - orthodrom
 - antidrom
- Vorhofflattern
- seltene

Atriale Tachykardie

SVT nach Adenosin

Adenosin

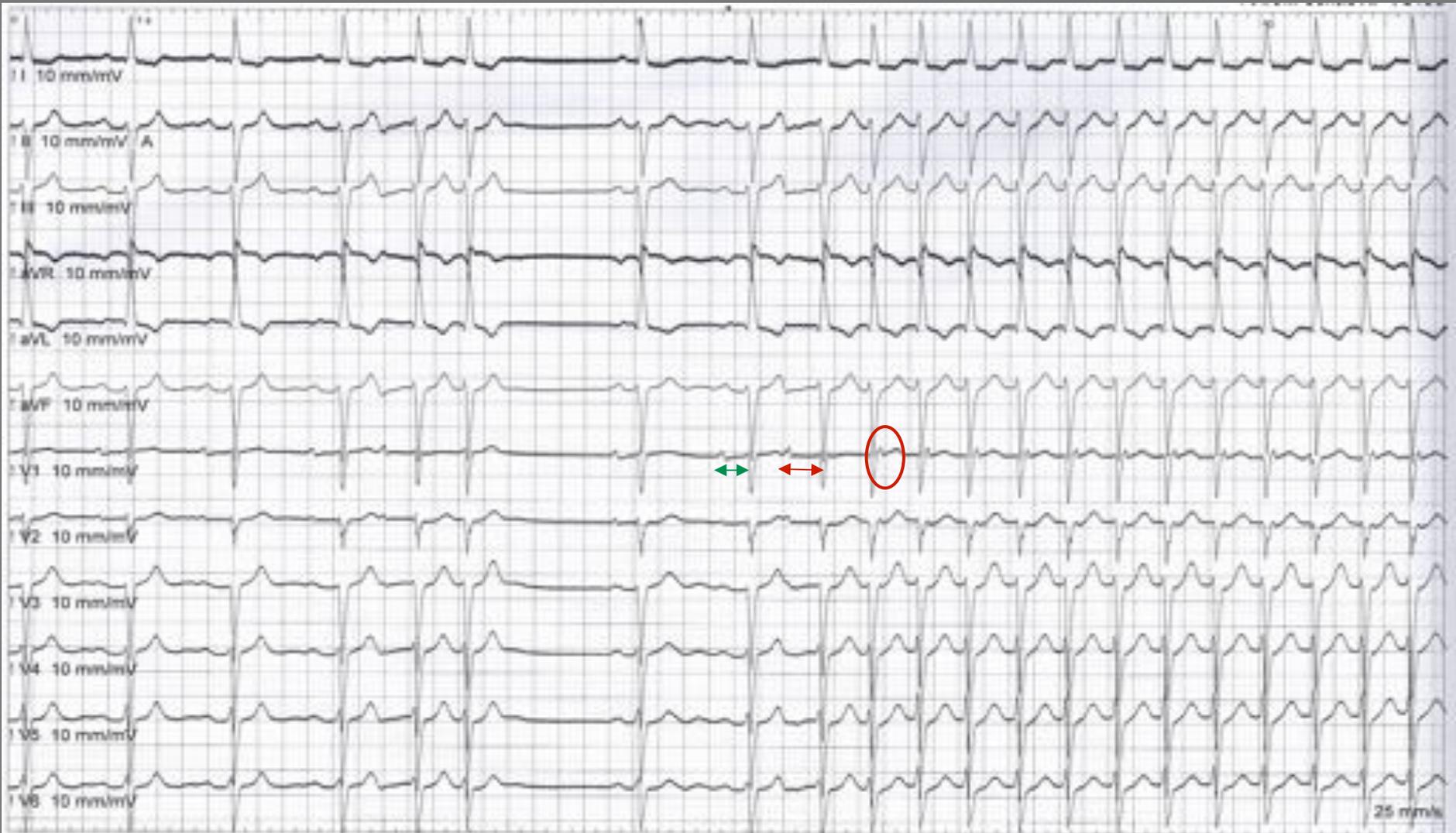
Duale AV-Knoten Physiologie





Typische AVNRT

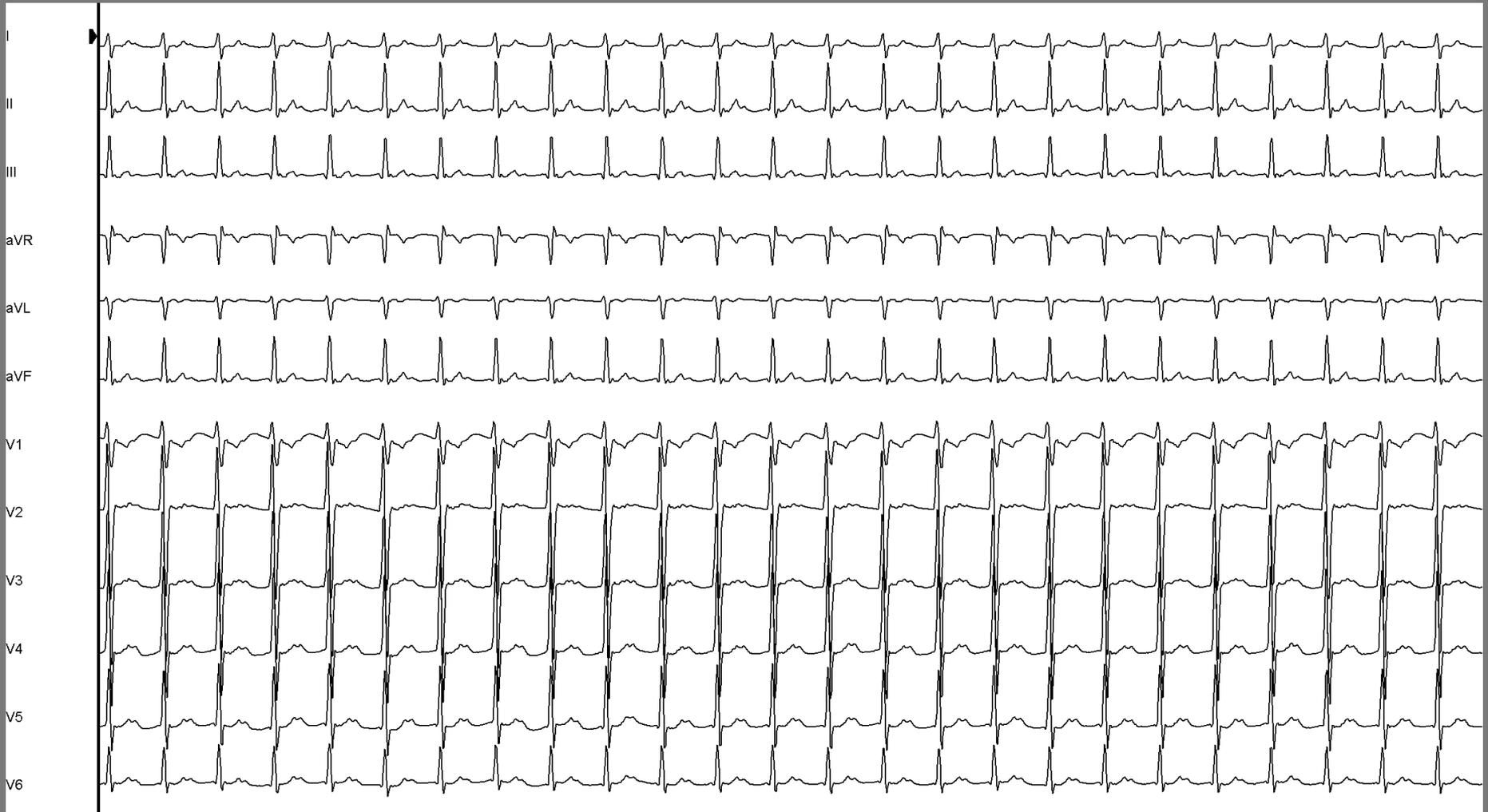
Zur Anzeige wird der QuickTime™
Dekompressor „[®]“
benötigt.



Orthodrome AV Reentrytachykardie bei akzessorischer Bahn



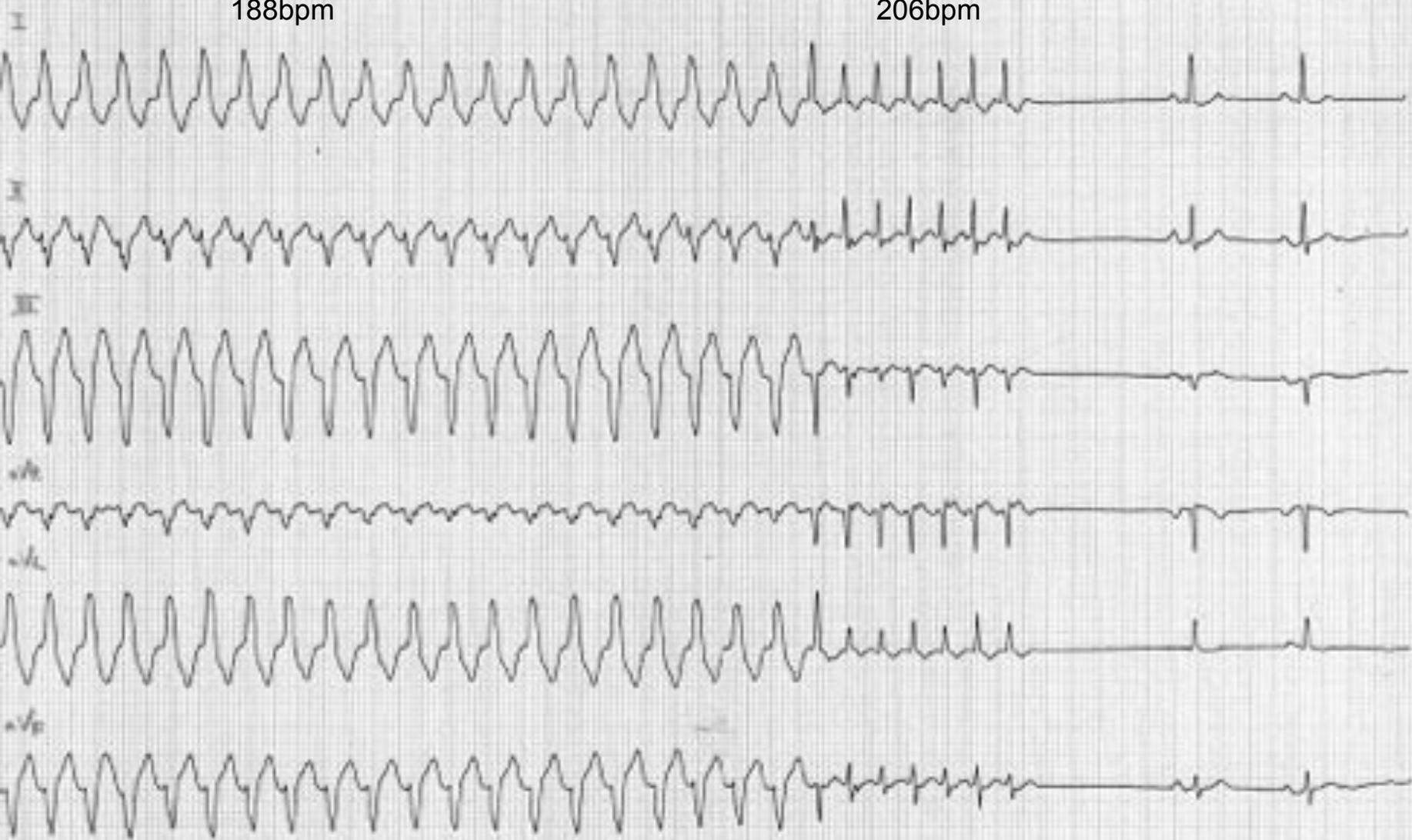
Atriale Tachykardie

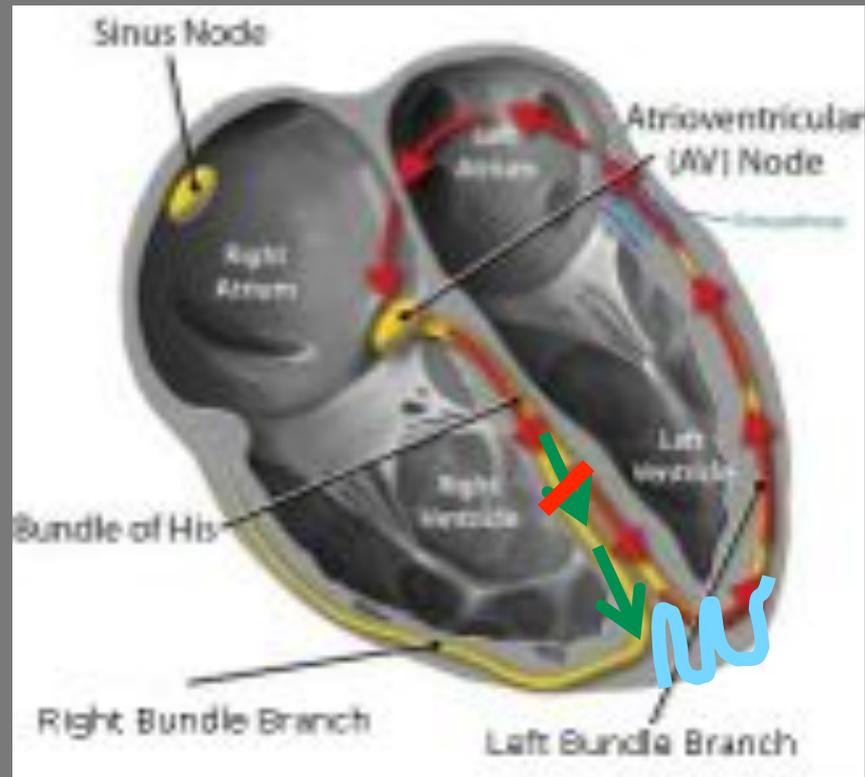


ASENDIN

188bpm

206bpm





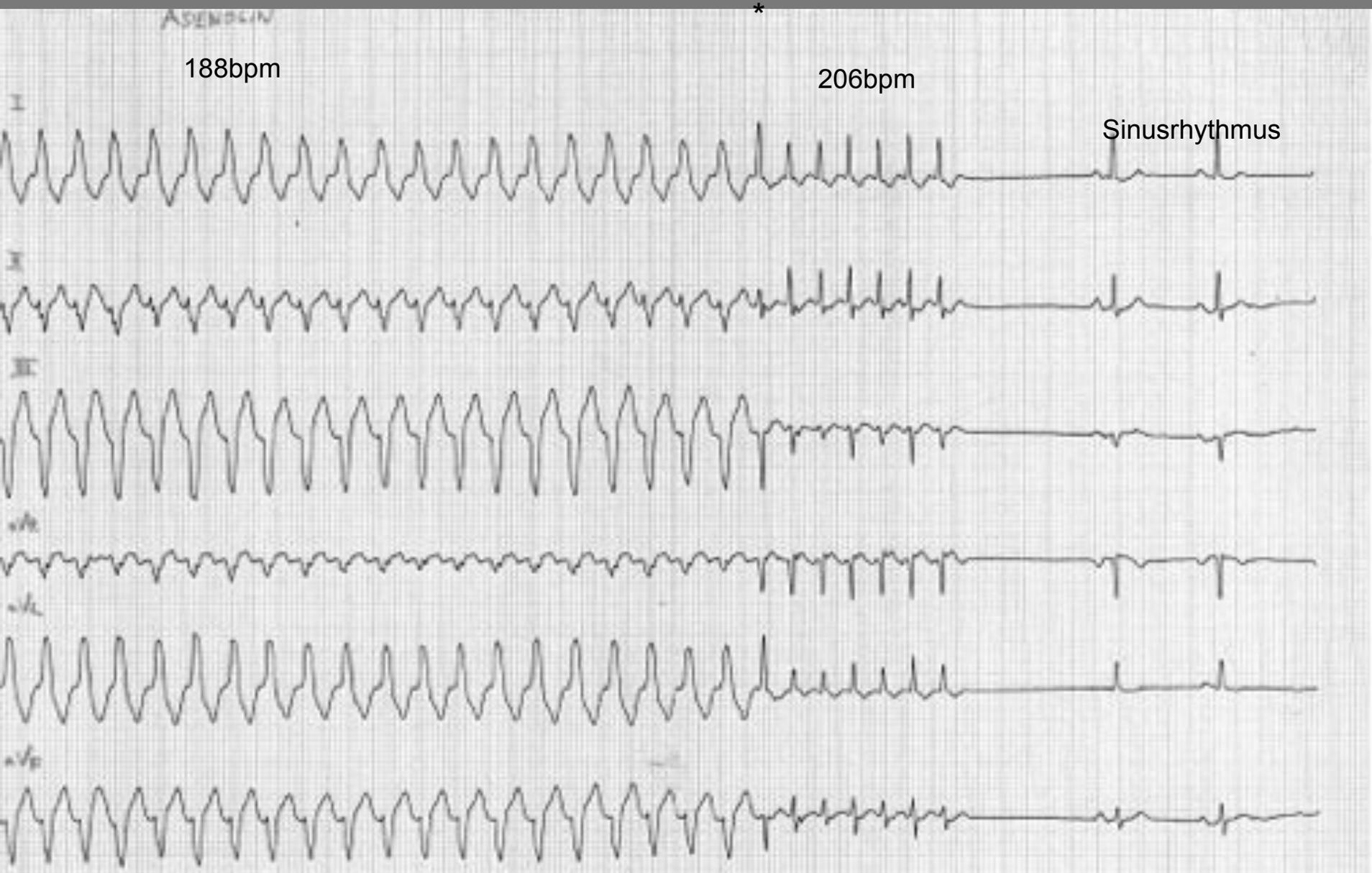
AV-Knoten --> His-LS-Purkinje --> akzessorische Bahn --> Vorhof --> AV-Knoten

Reentrykreis bei Linksschenkelblock:

AV-Knoten – His-**RS**-Purkinje – **Myokard** – akzessorische Bahn – Vorhof - AV-Knoten

→ Verlängerung des Reentrykreises durch transeptale myokardiale Impulsausbreitung

Orthodrome AV-Reentrytachykardie bei links-atrialer akzessorischer Bahn



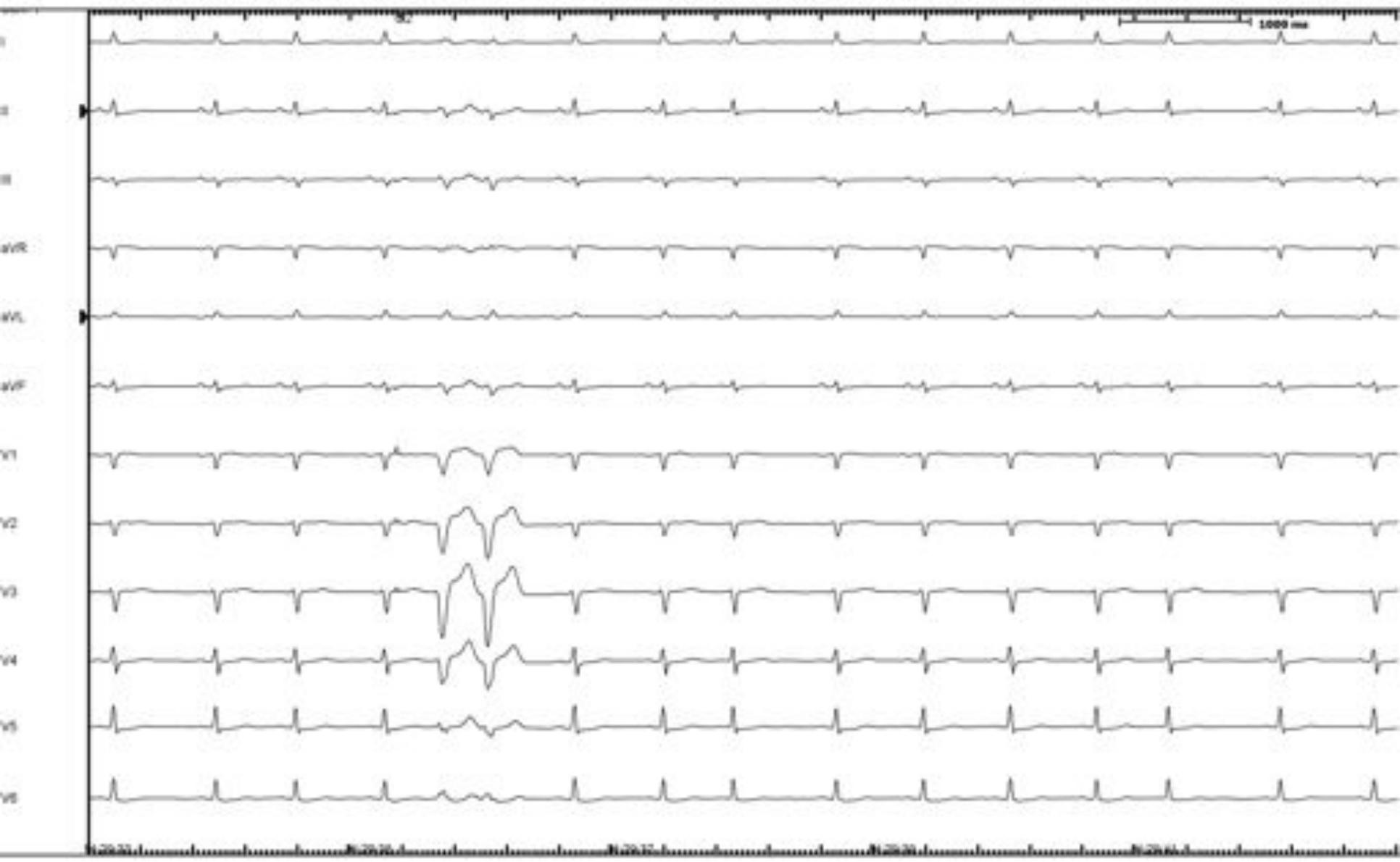
01:27 ..Belabung

V1 V2 V3 V4 V5 V6

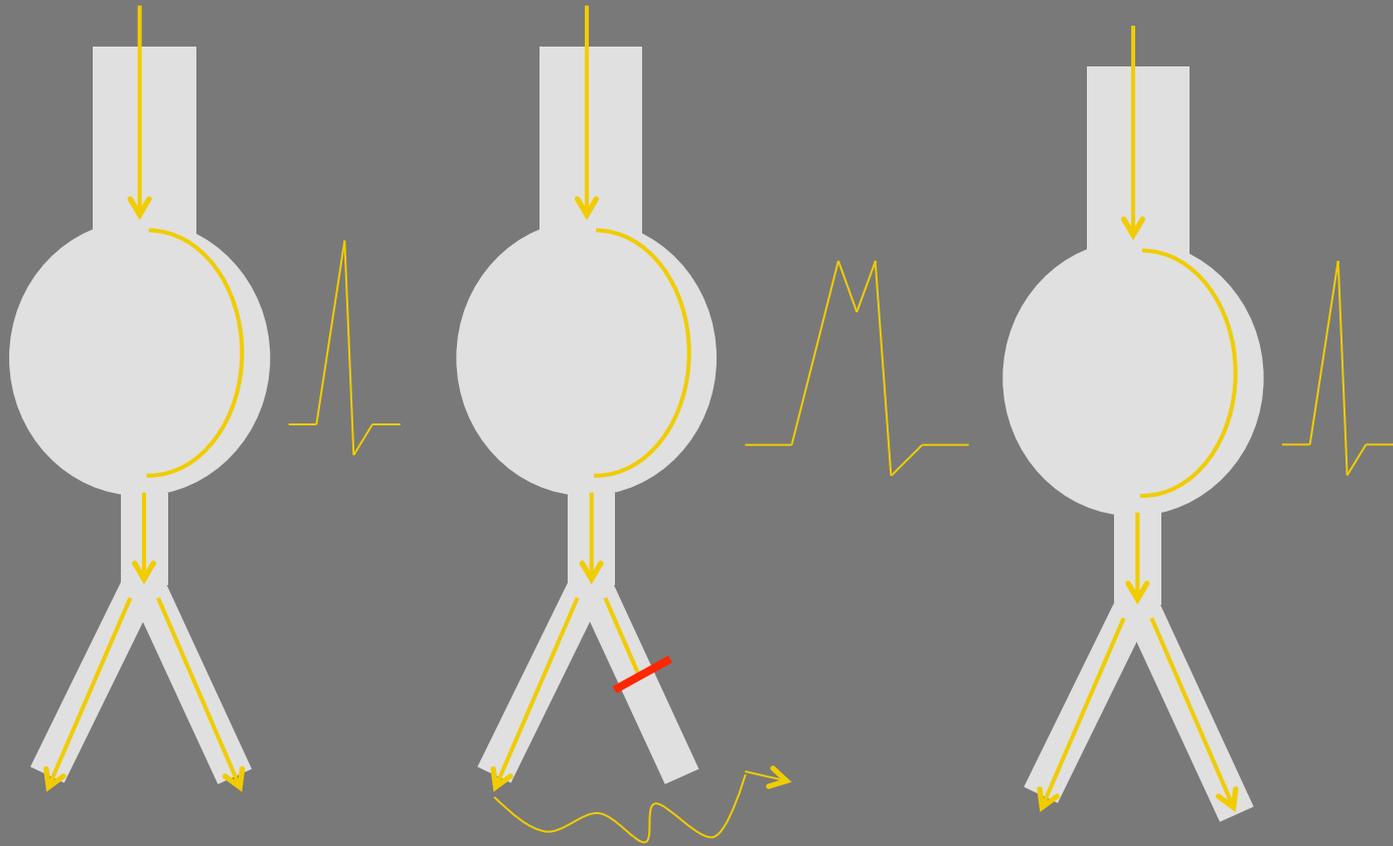
III II I aVR aVL aVF V1 V2 V3 V4 V5 V6

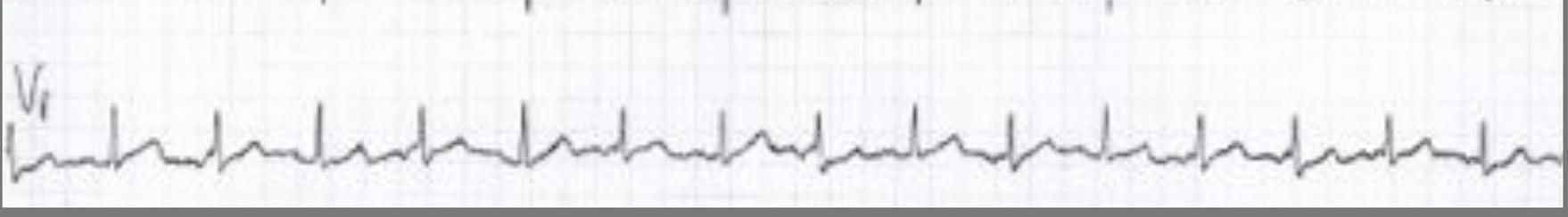
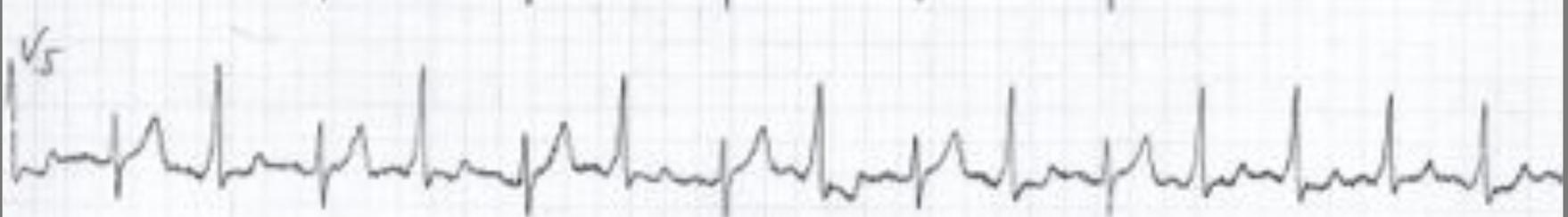
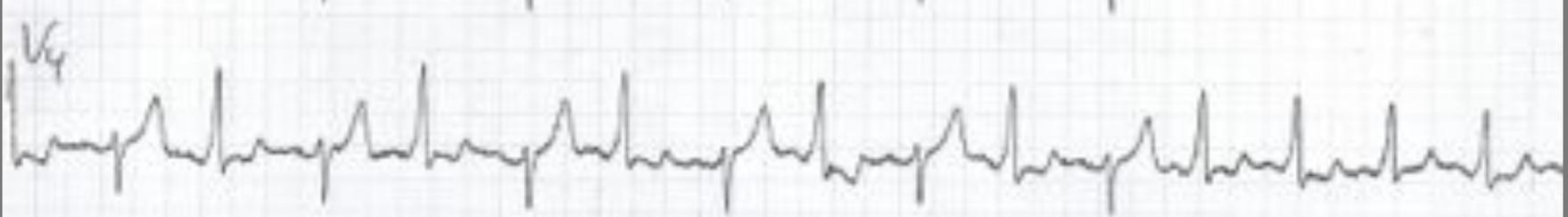
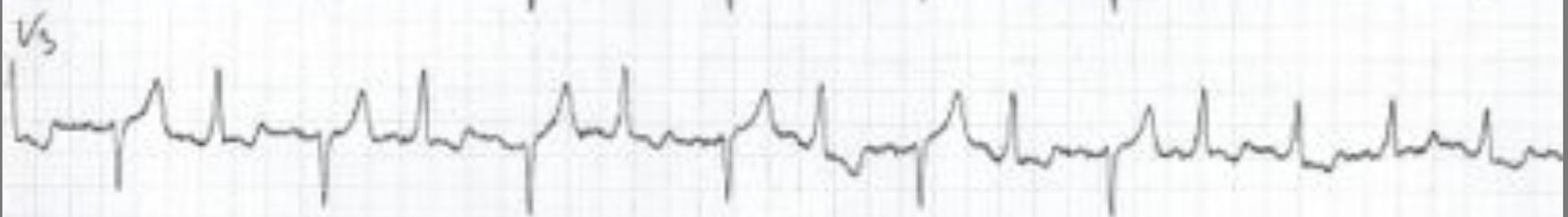
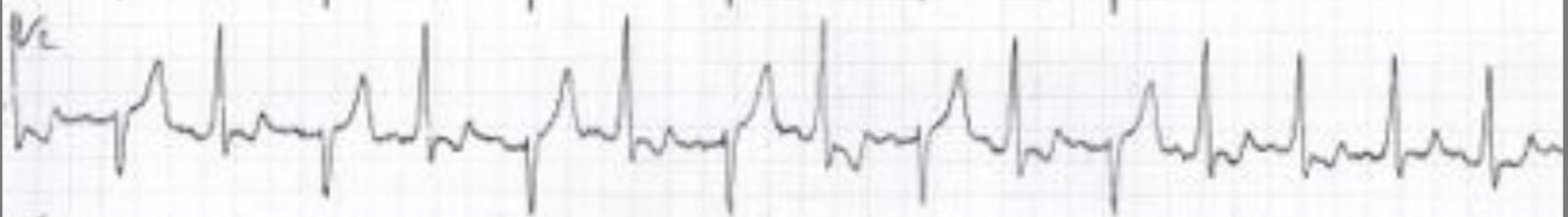
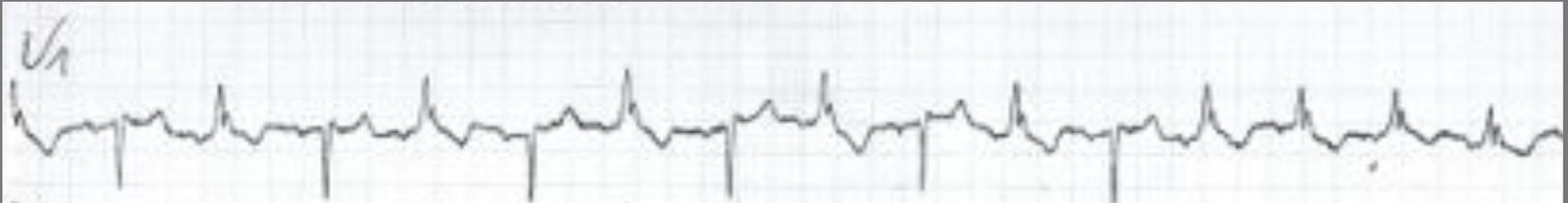


Elektrophysiologische Untersuchung: Reproduzierbarkeit des Breiten QRS Komplexes durch atriale Extrastimuli



Funktioneller Block

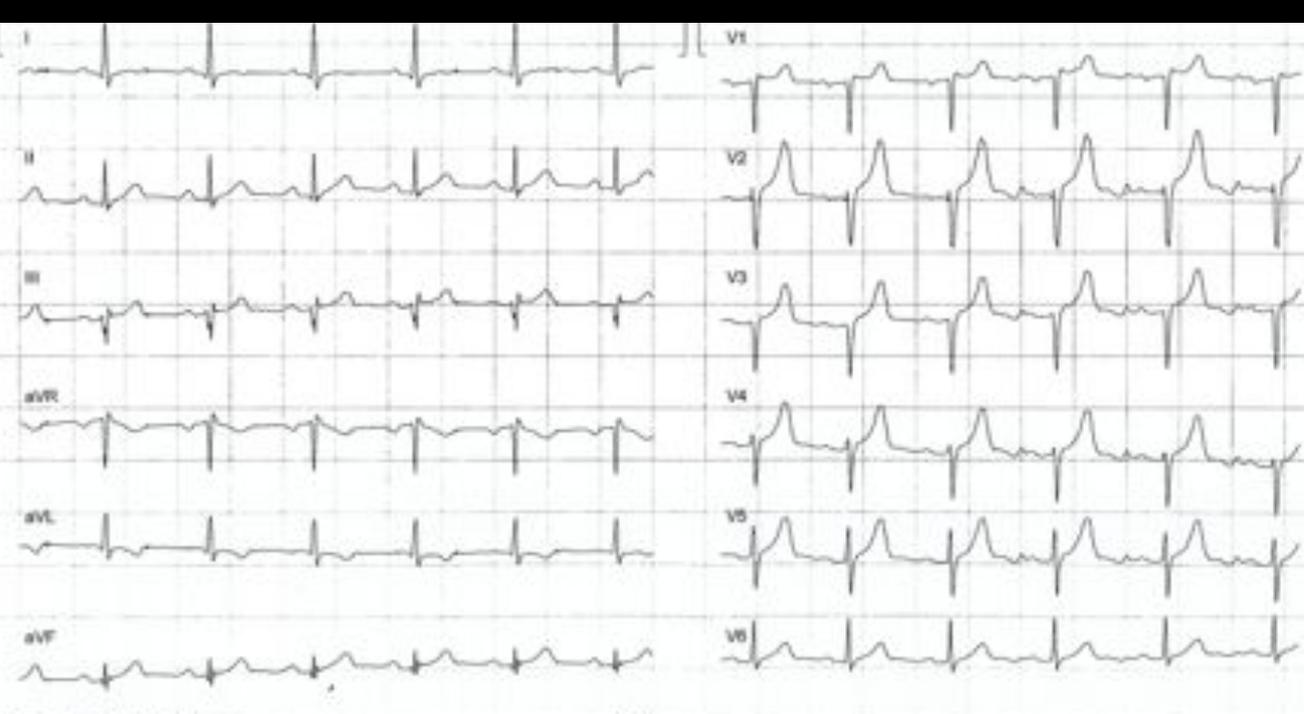








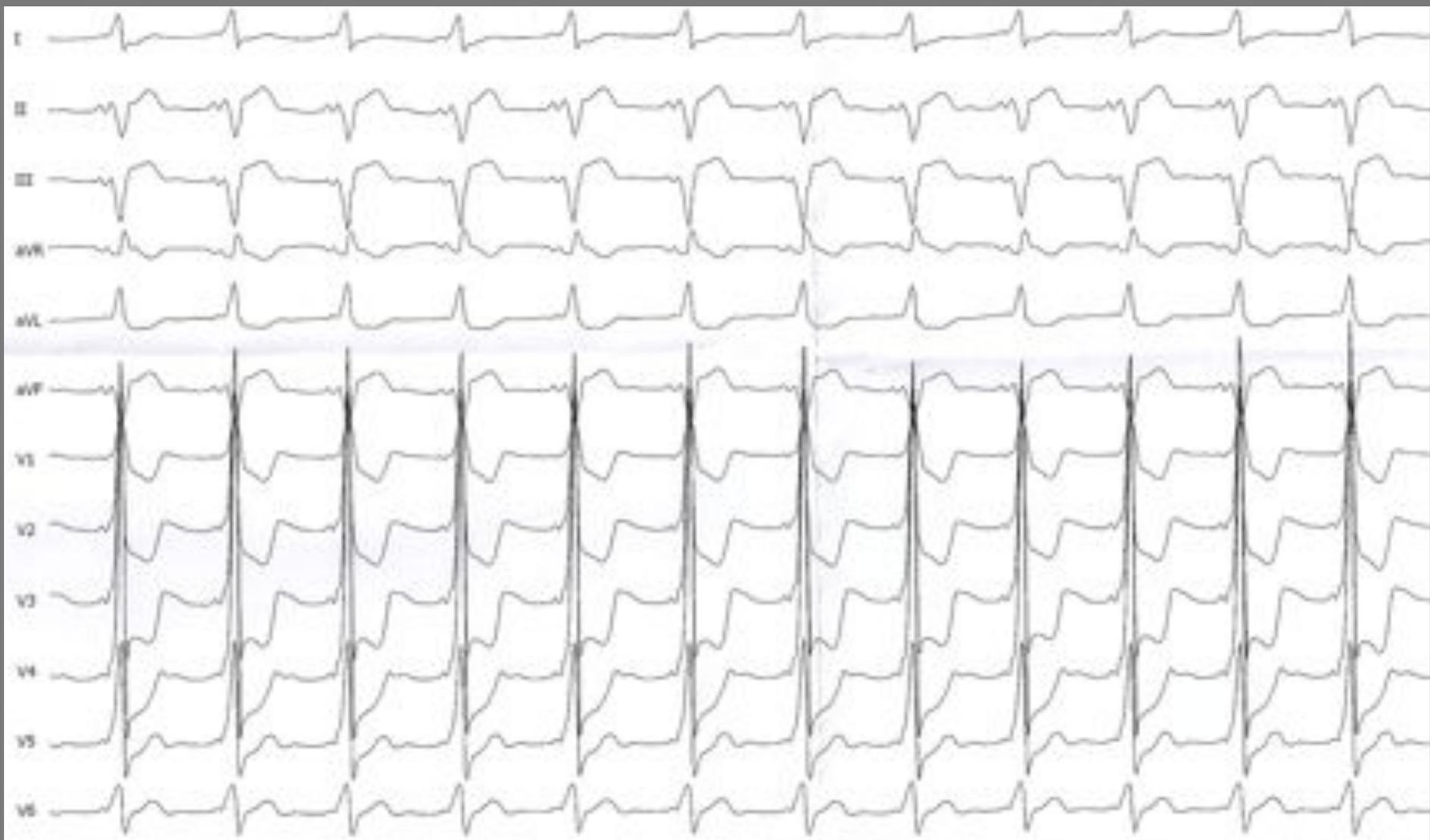
Pseudo-RSB durch
Präexzitation



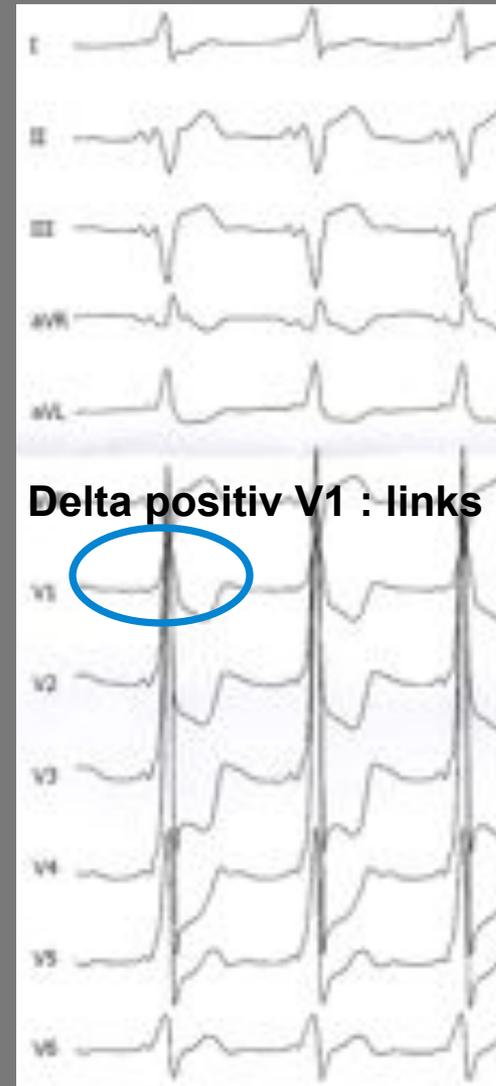
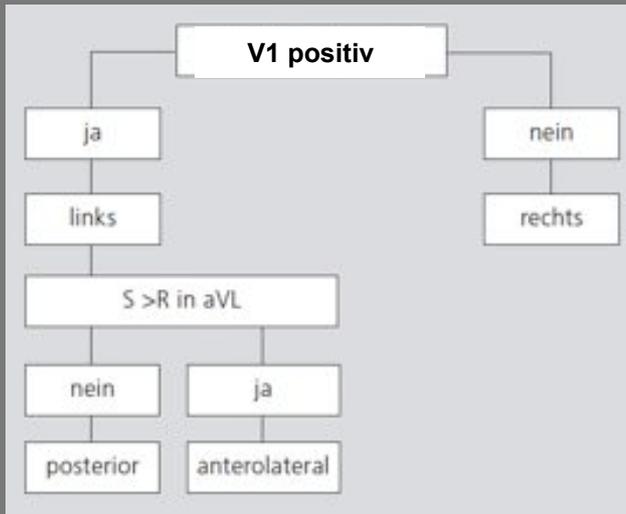
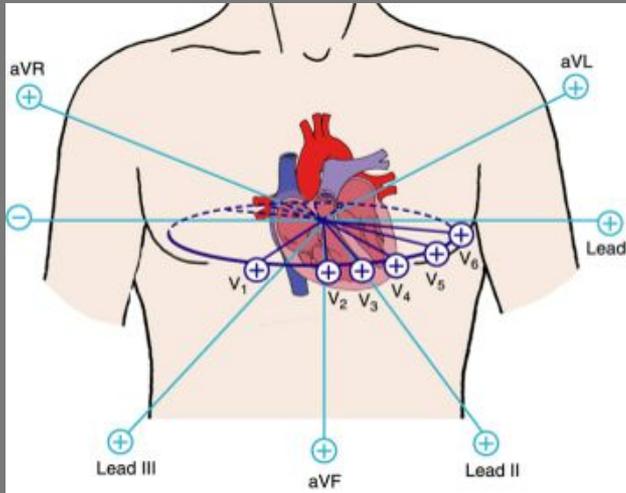
Bei etwas schnellerer
Herzfrequenz verschwand
die Präexzitation!

Das heisst, der AV-Knoten
leitet besser als die Bahn.

→ Prognostische Bedeutung

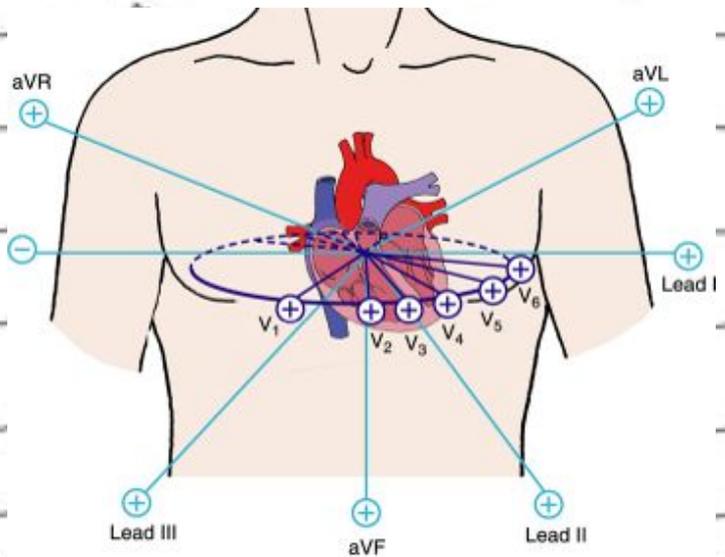
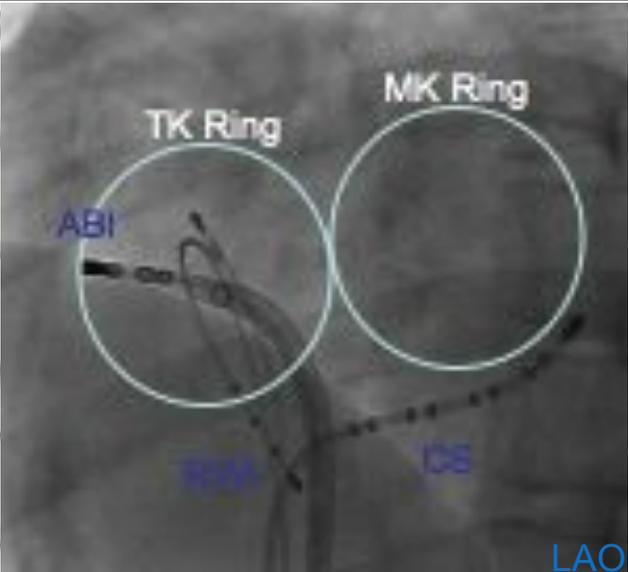


Lokalisation der akzessorischen Bahn im EKG

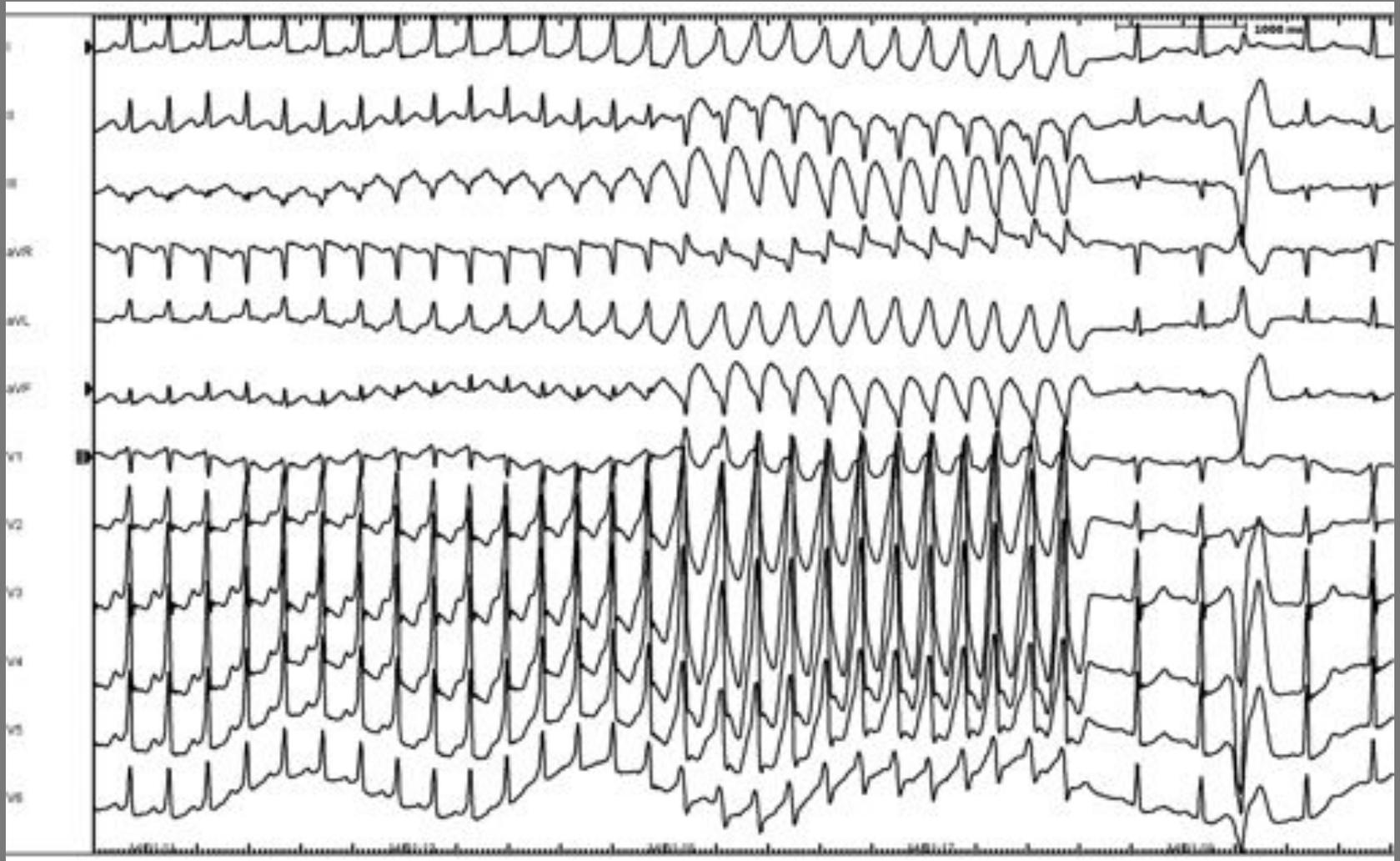


lateral

Delta negativ V1 : rechts



Lokalisation der akzessorischen Bahn im EKG
nur bei maximaler Präexzitation möglich



Das RP - Intervall

