



# Elektrofyzilogické kazuistiky - krása intrakardiálních signálů

## Síňová tachykardie

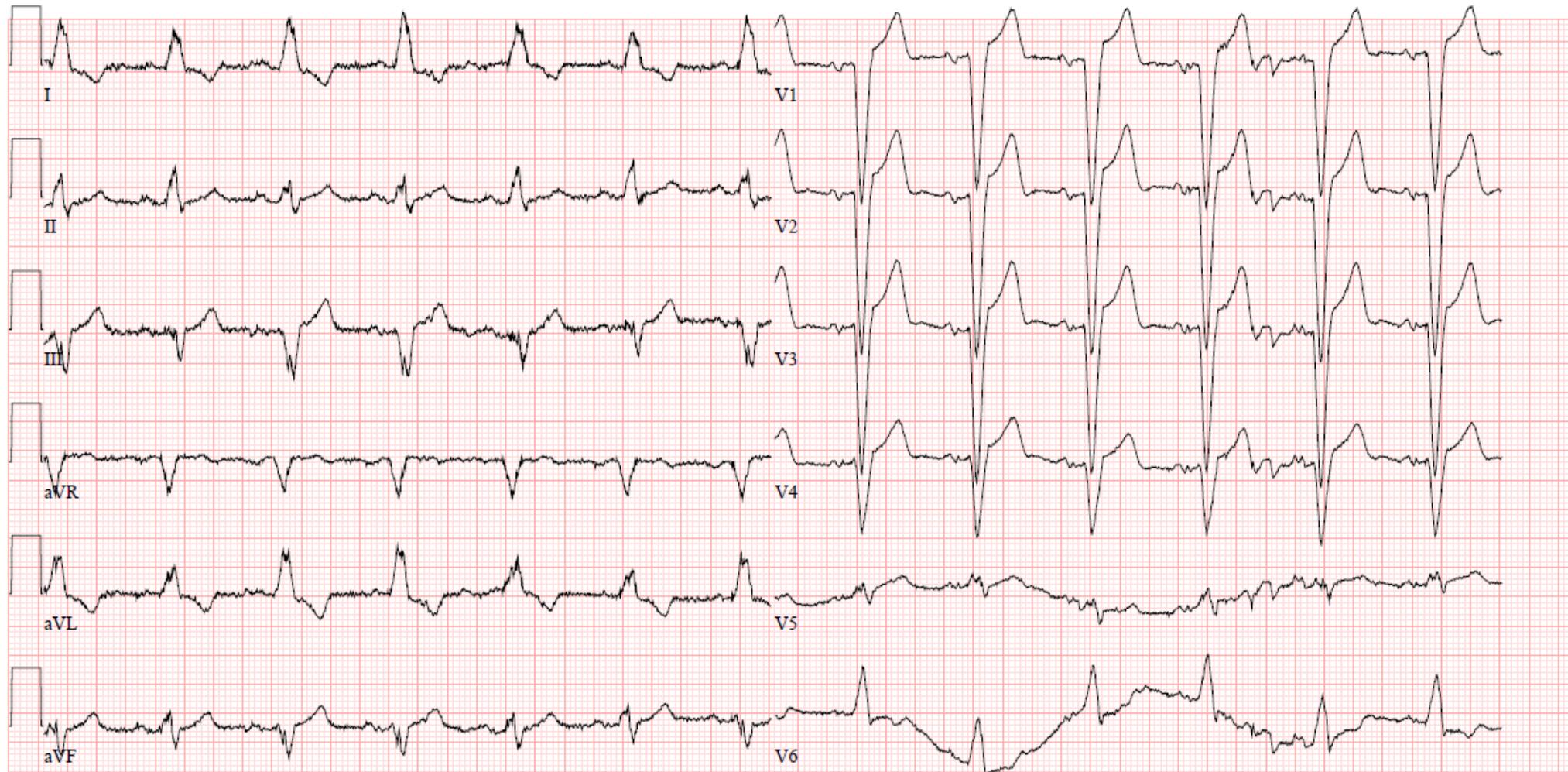
MUDr. Predrag Stojadinović, Ph.D.  
Institut klinické a experimentální medicíny, IKEM

XXII. české a slovenské sympozium o arytmiích a kardiostimulaci,  
9.11.2025, Olomouc

# Anamnéza

- 66letý muž
- Arteriální hypertenze, diabetes mellitus, CHOPN
- Transfemorální TAVI 10/2019 (Evolut R)
- Echo: LVEF 50–55 %, mírná paravalvulární regurgitace
- Po TAVI blok levého Tawarova raménka (LBBB)
  
- Dokumentované epizody širokokomplexové tachykardie (morfologie LBBB)
  
- Indikován k provedení elektrofyzilogického vyšetření / katetrizační ablace

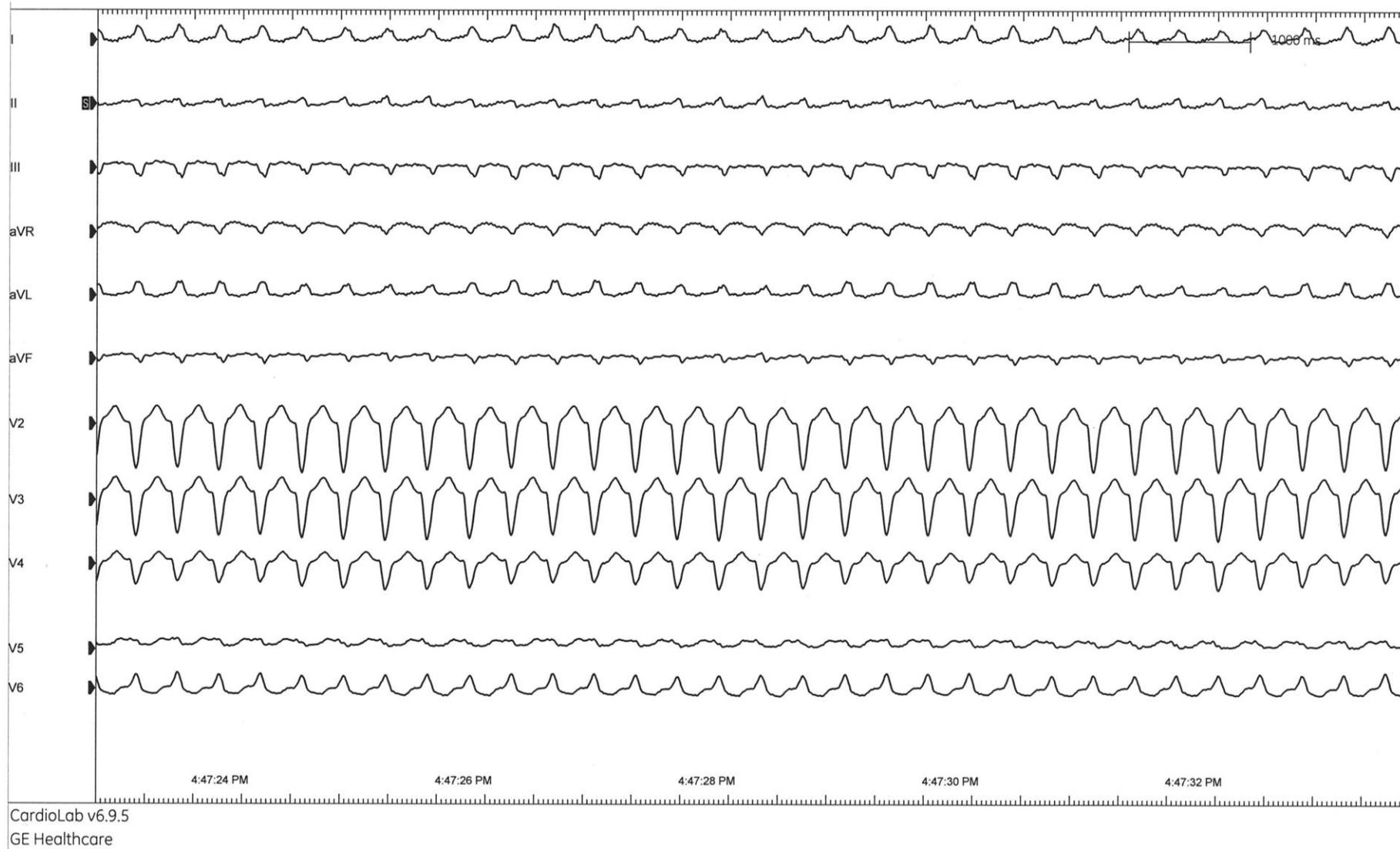
# EKG při příjmu



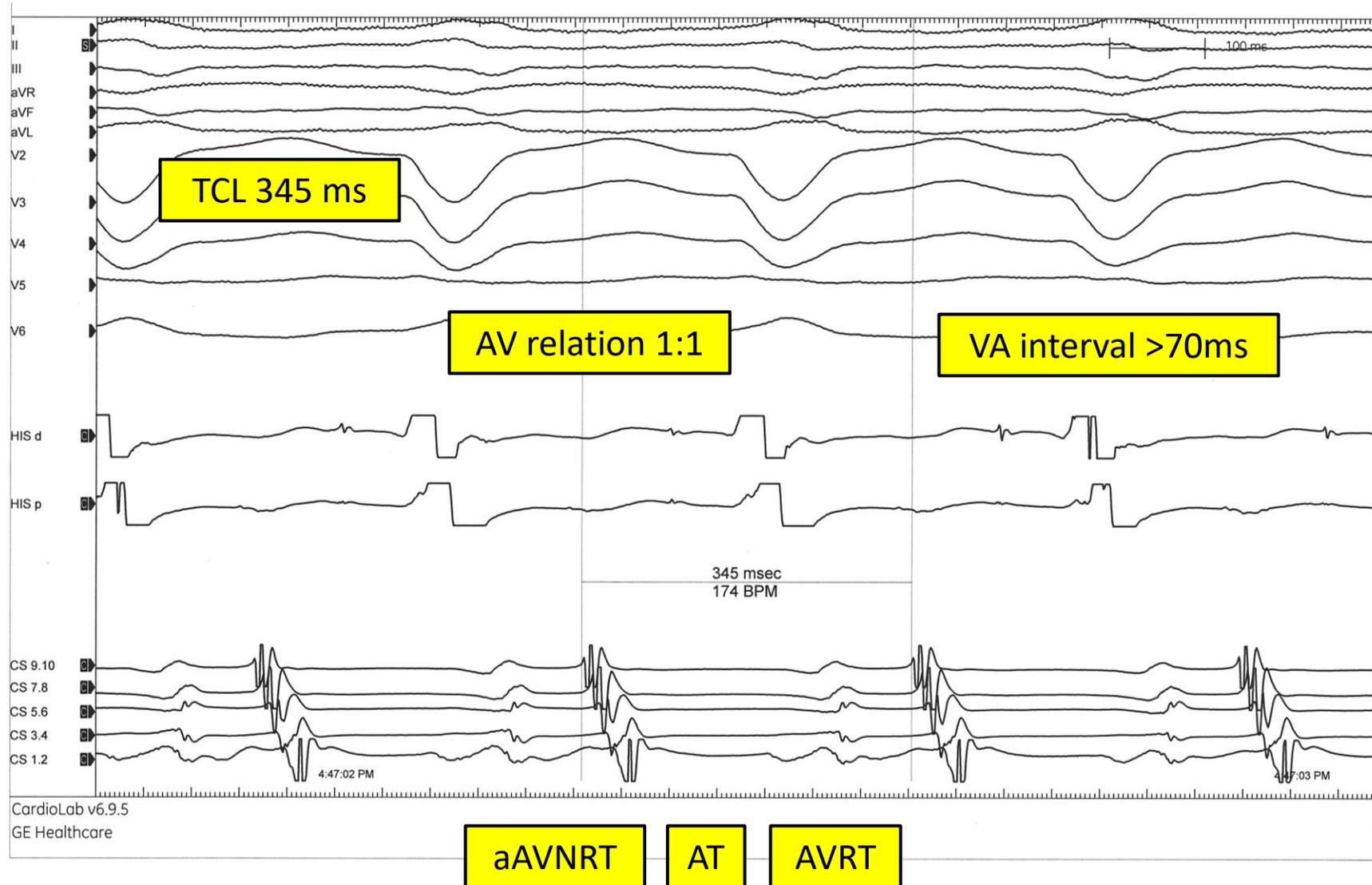
25mm/s 10mm/mV 150Hz 8.01 12SL 239 CID: 53

EID:16 EDT: 14:43 09-JAN-2020 ORDER:

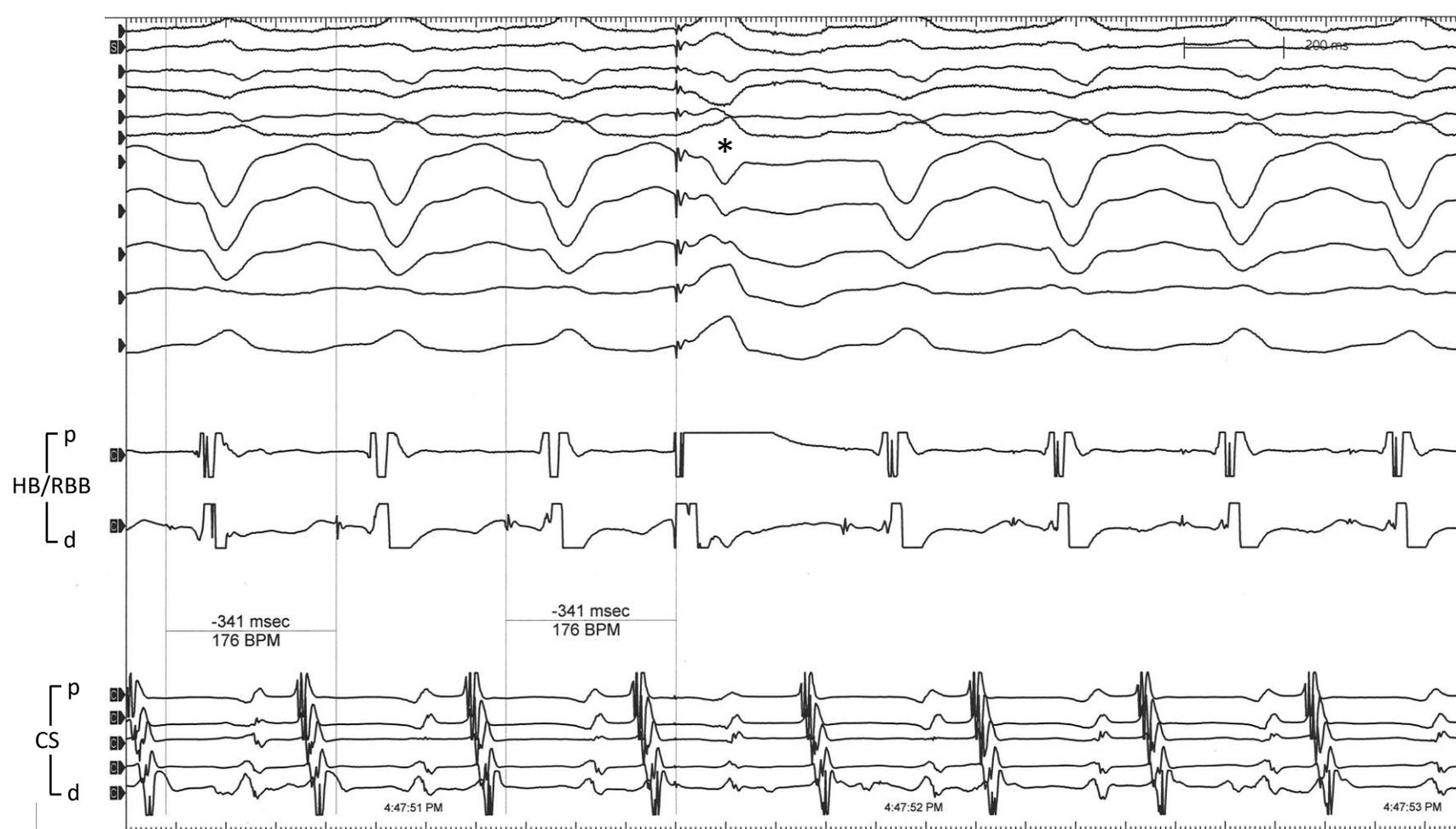
# Epizoda WCT



# WCT s LBBB morfologií

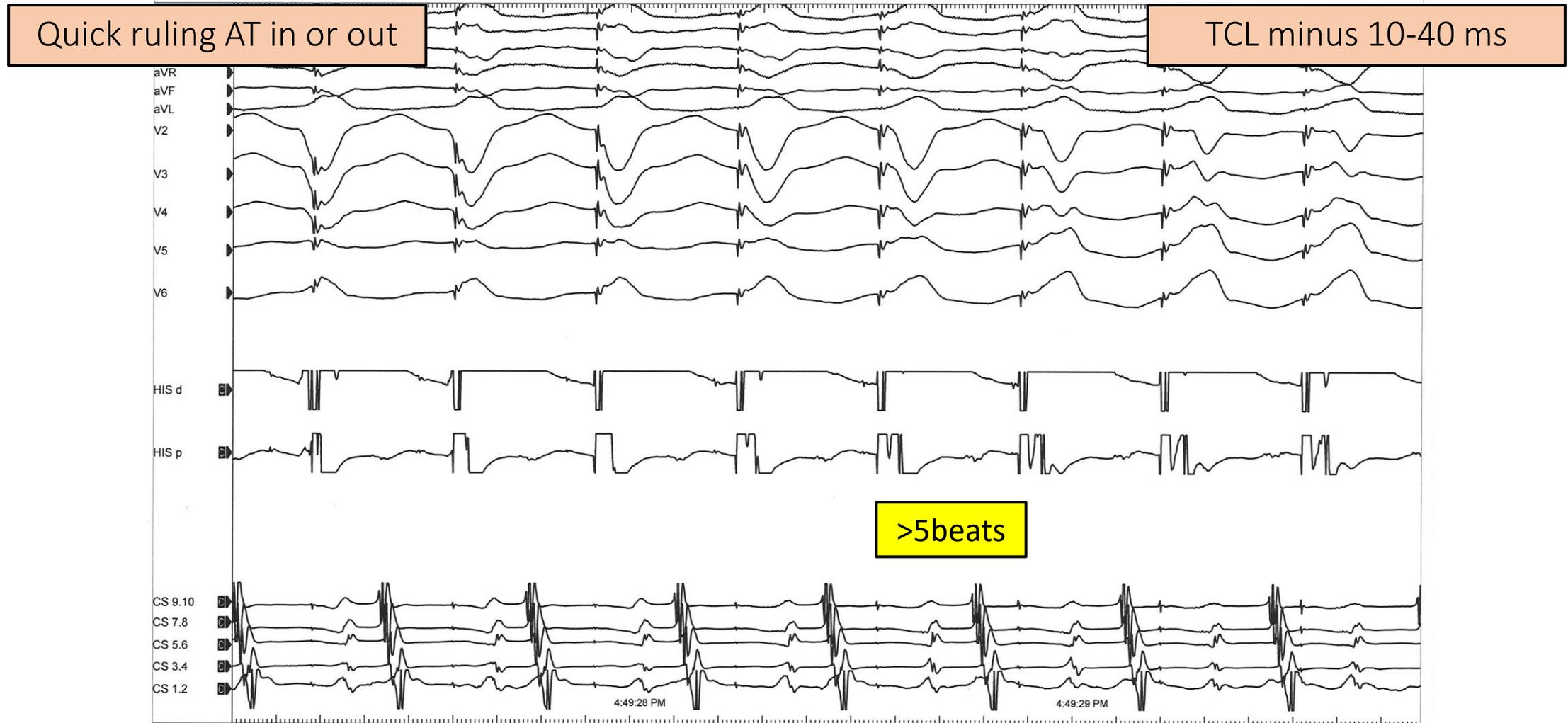


# HRVPB (his refrakterní komorová stimulace)



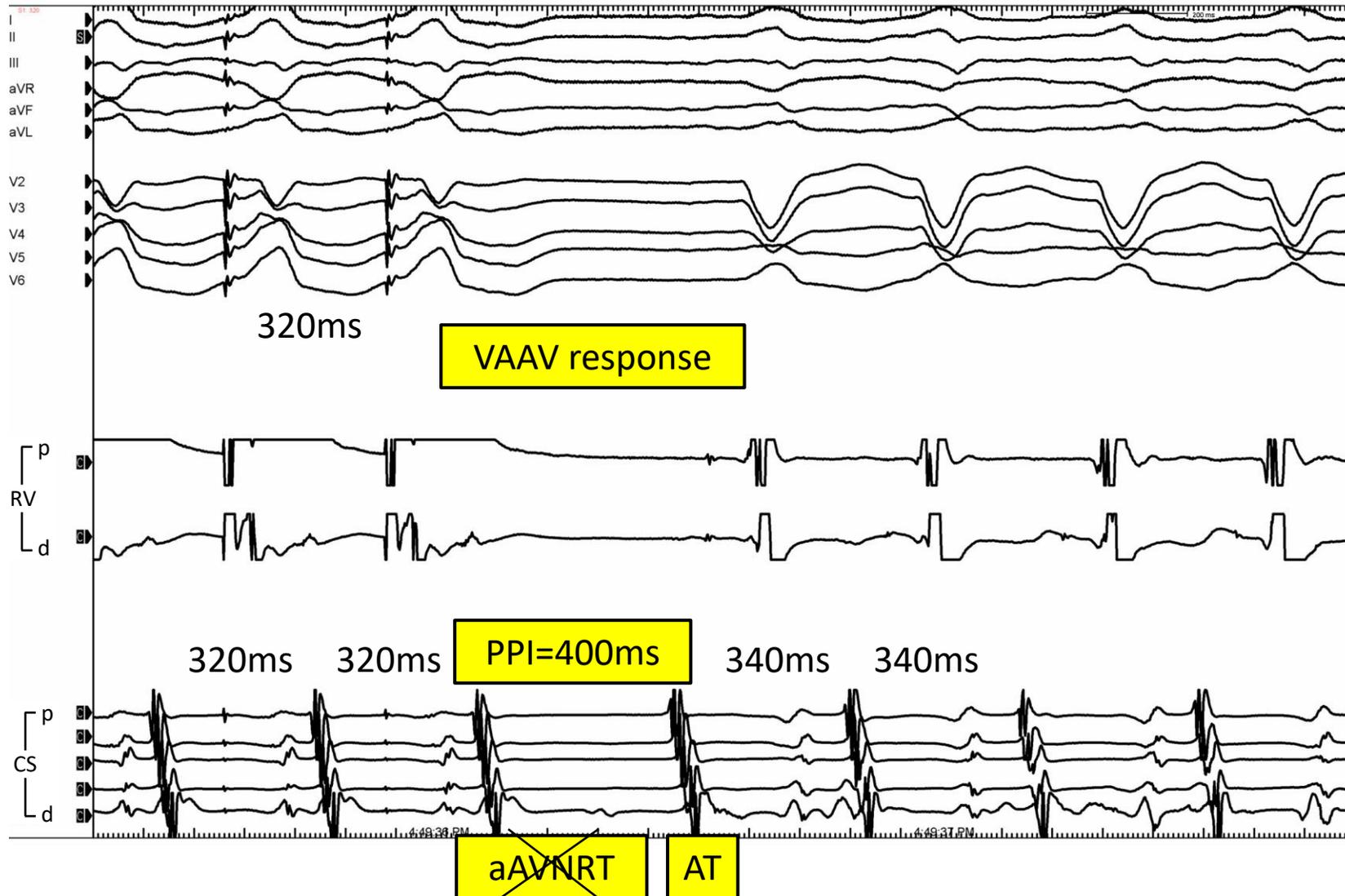
aAVNRT    AT    ~~AVRT~~

# RVOP (pravokomorová overdrive stimulace)

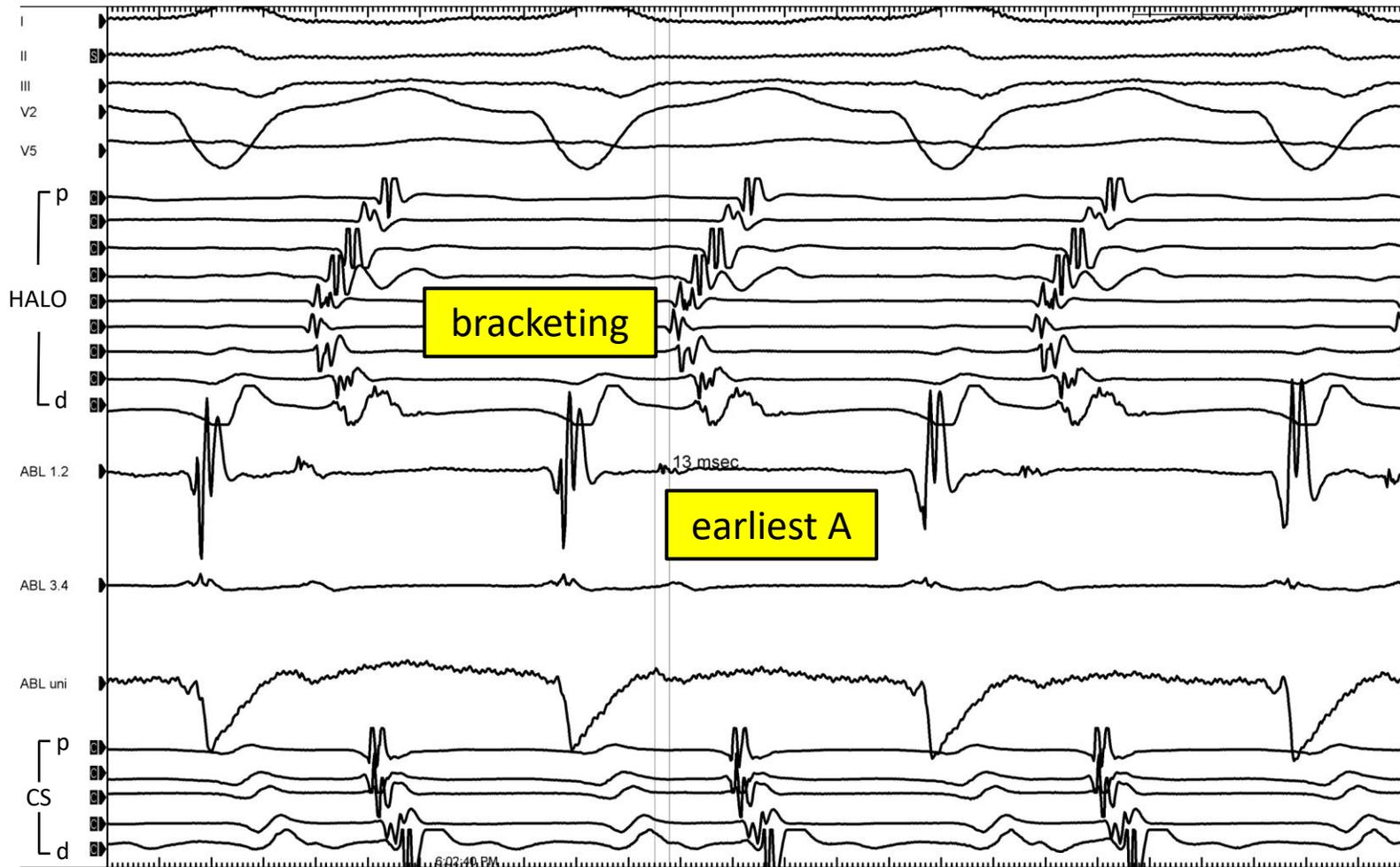


Number of paced beats required to advance atrial activation

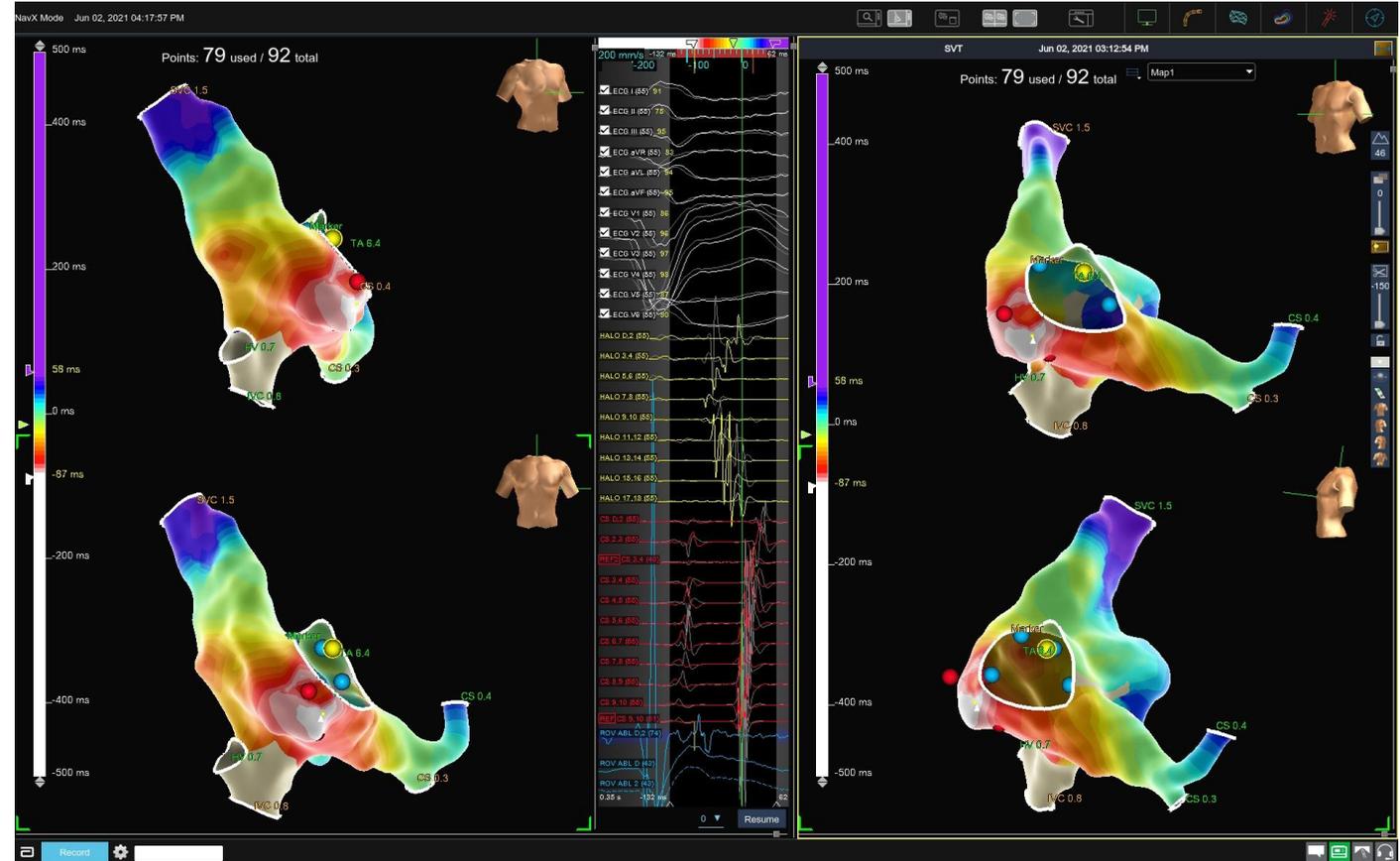
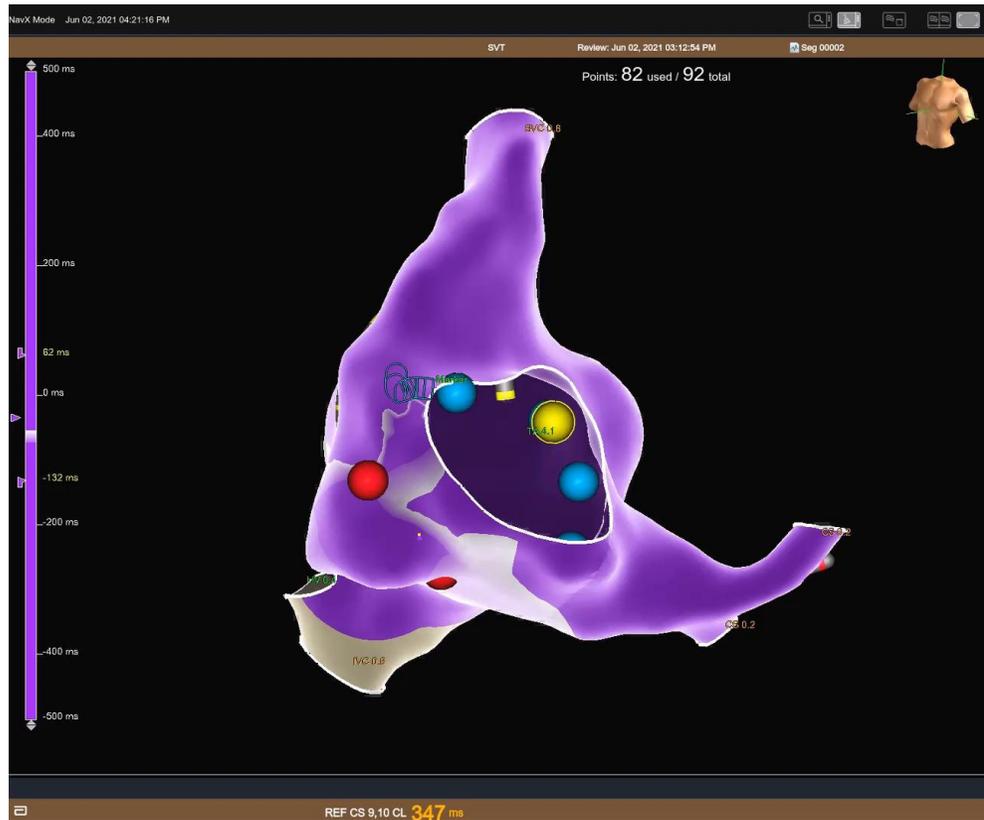
# RVOP (pravokomorová overdrive stimulace)



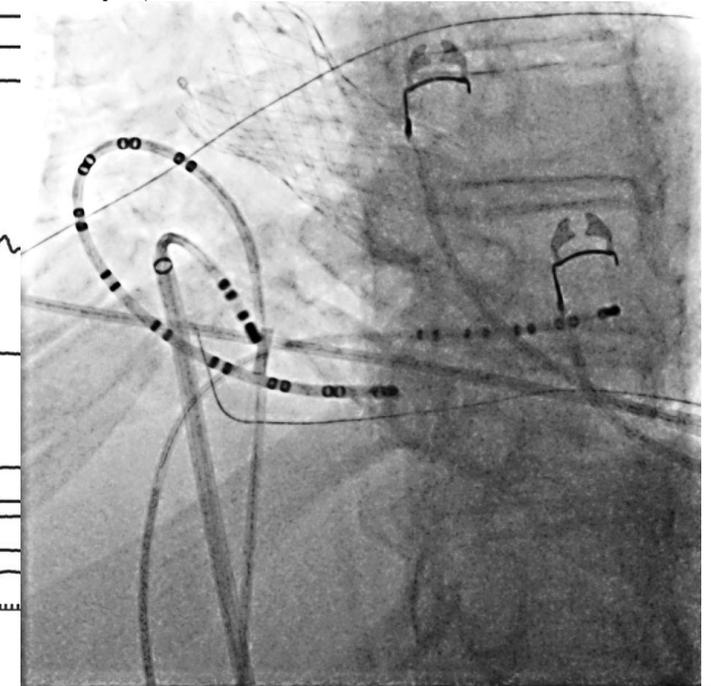
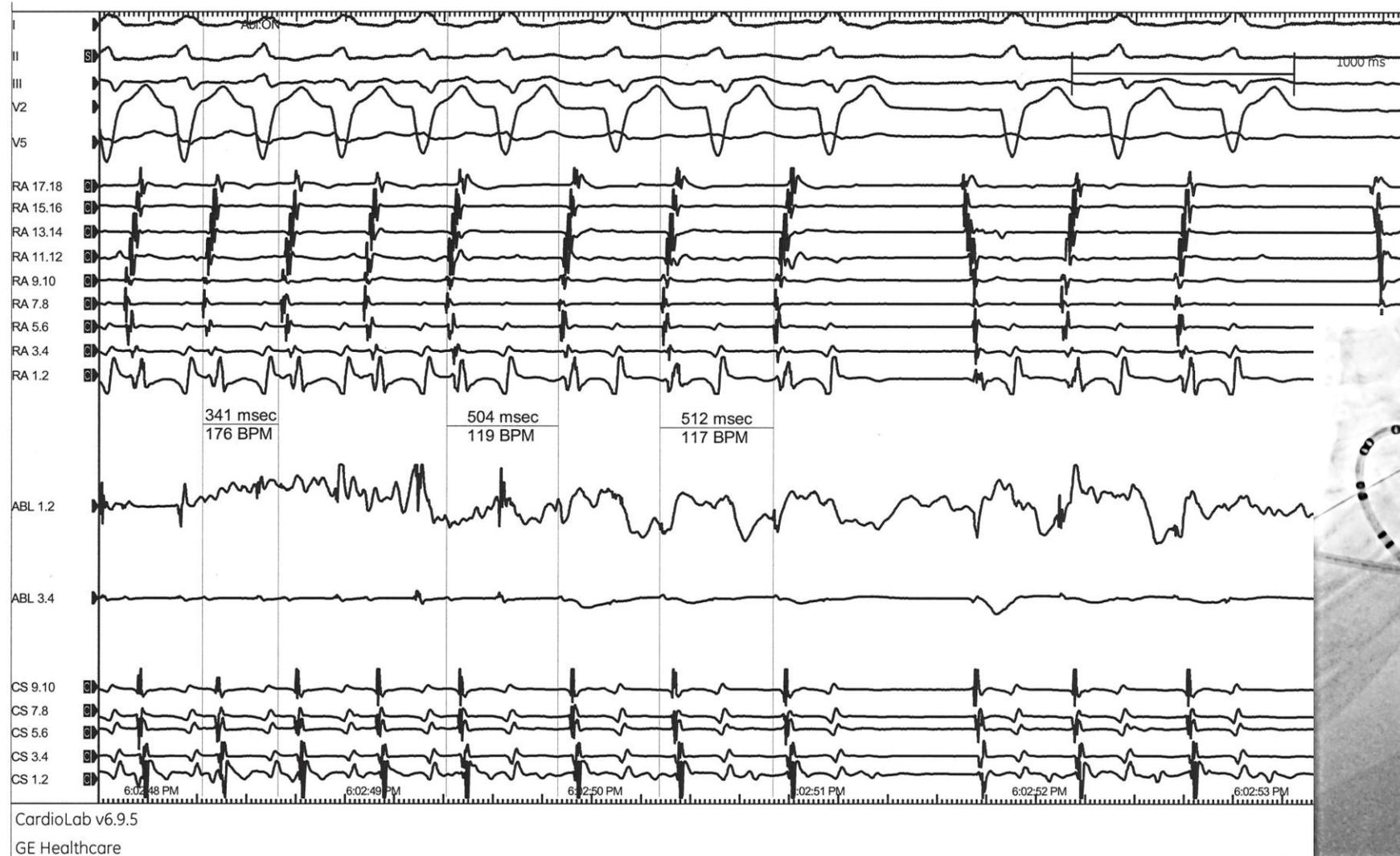
# Ablační katétr je na laterálním trikuspidálním anulu



# Ensite aktivační a propagační mapy

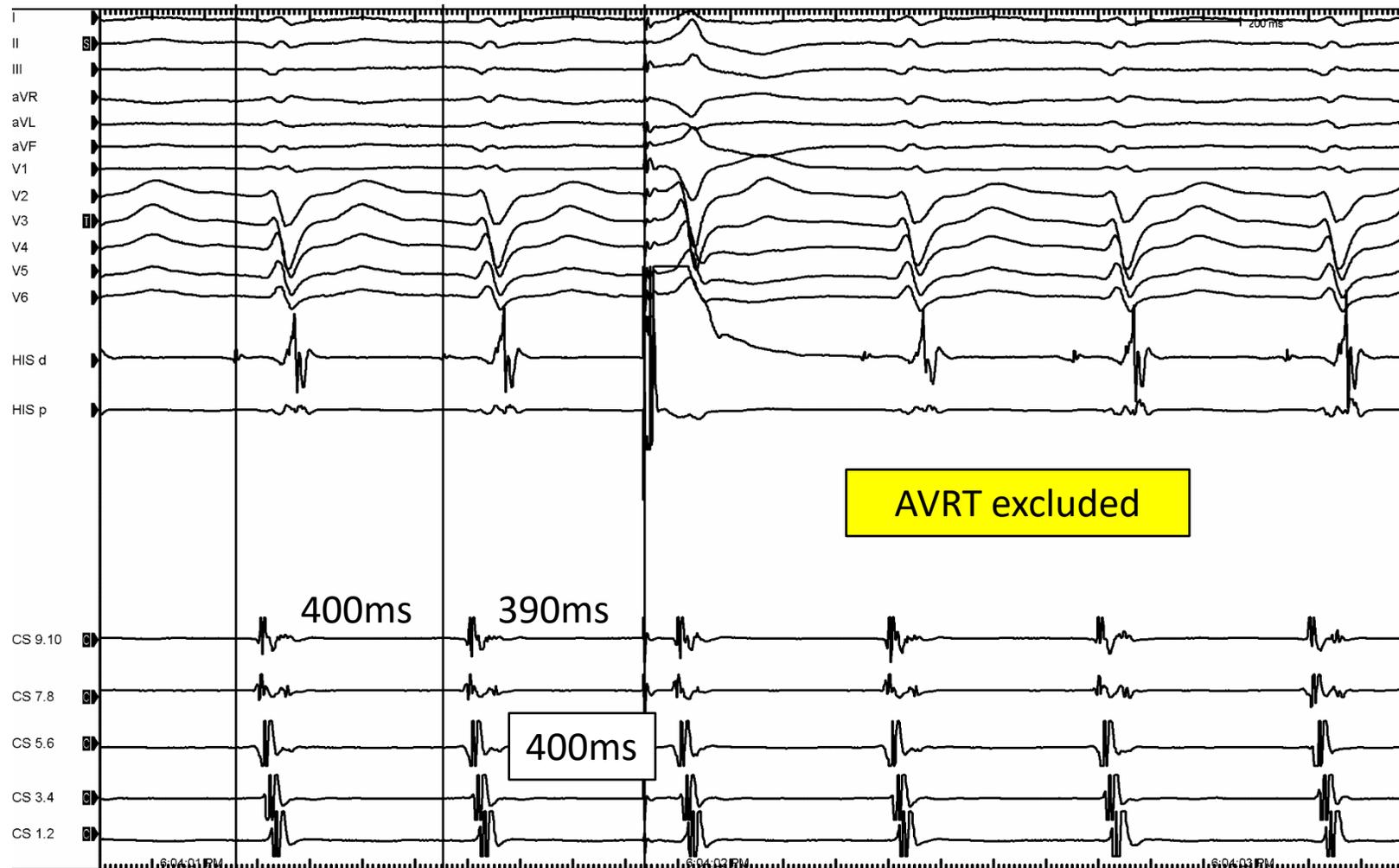


# Časná terminace arytmie při RFA

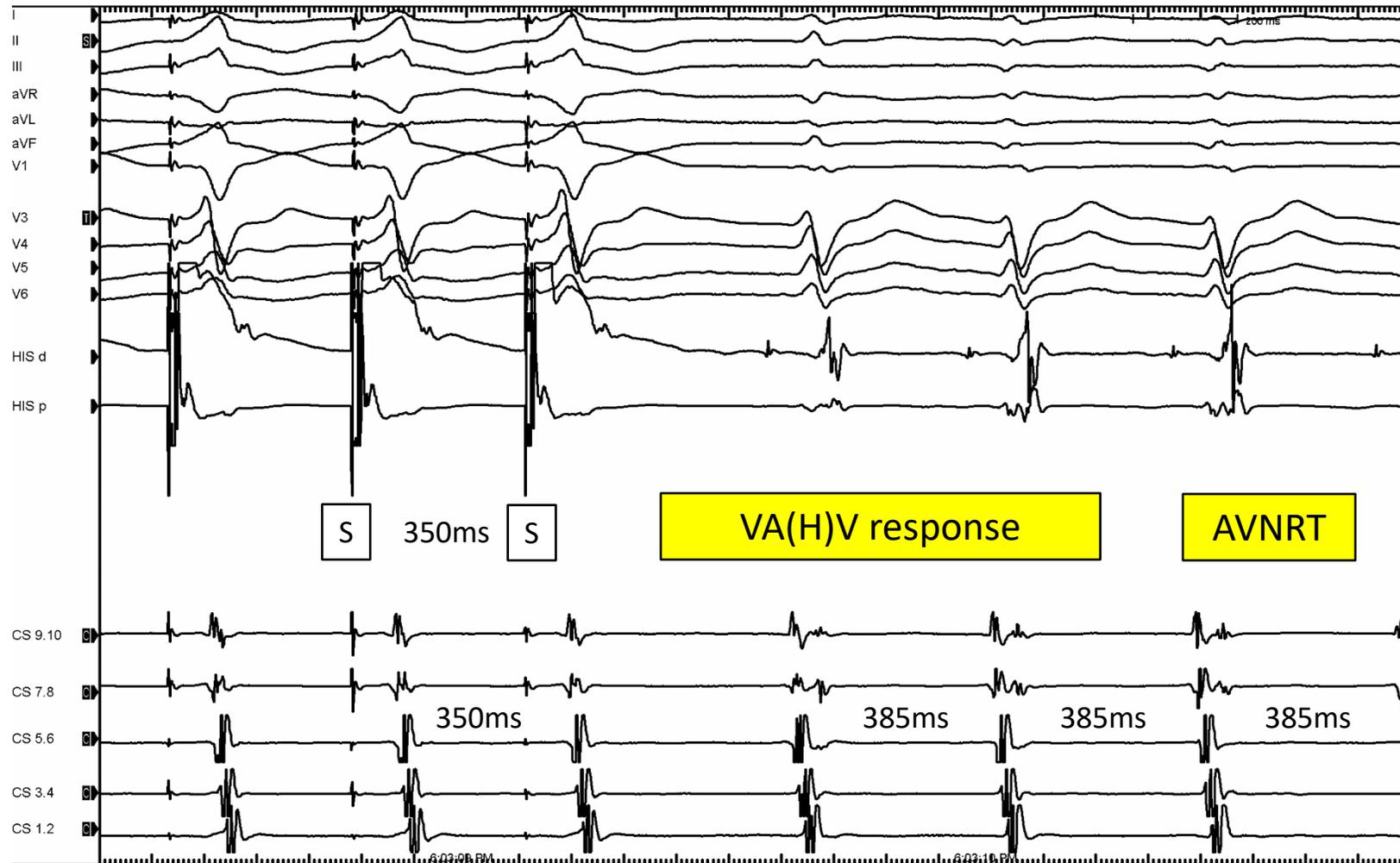


## Další příklady

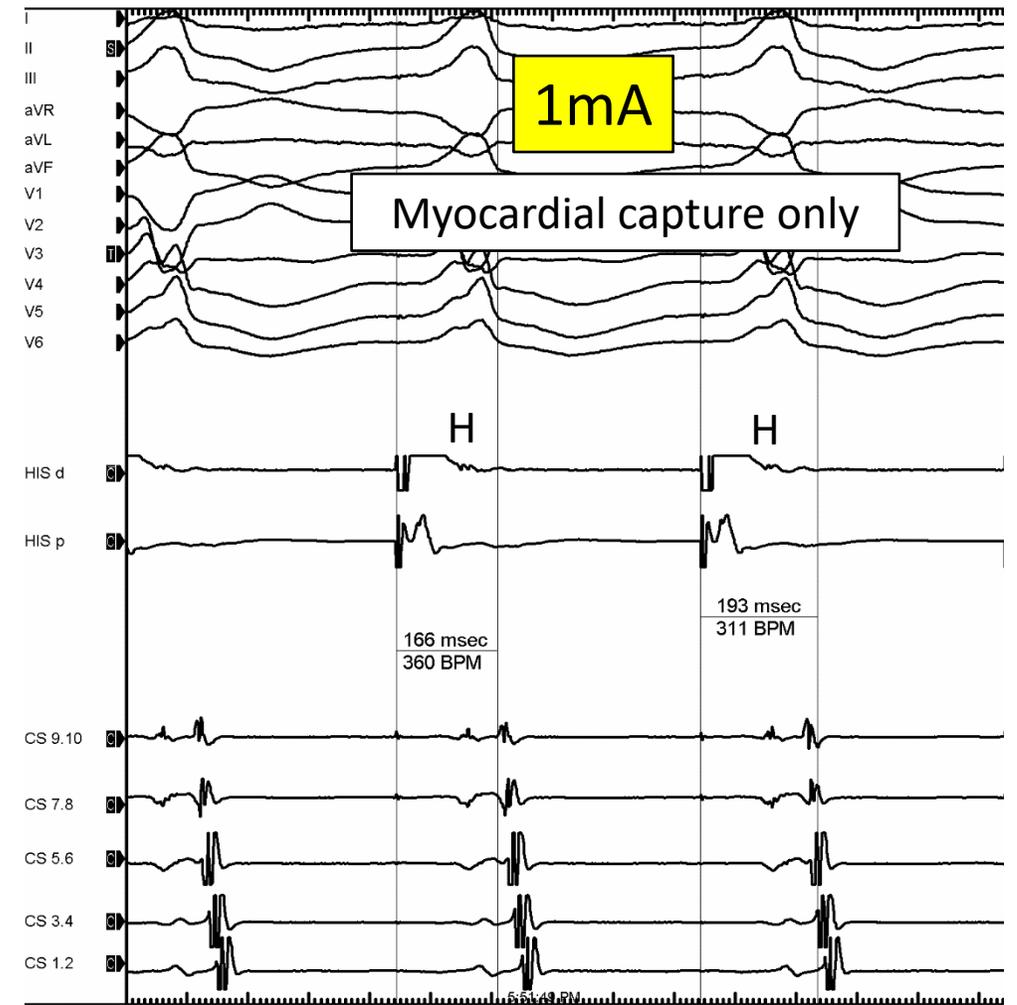
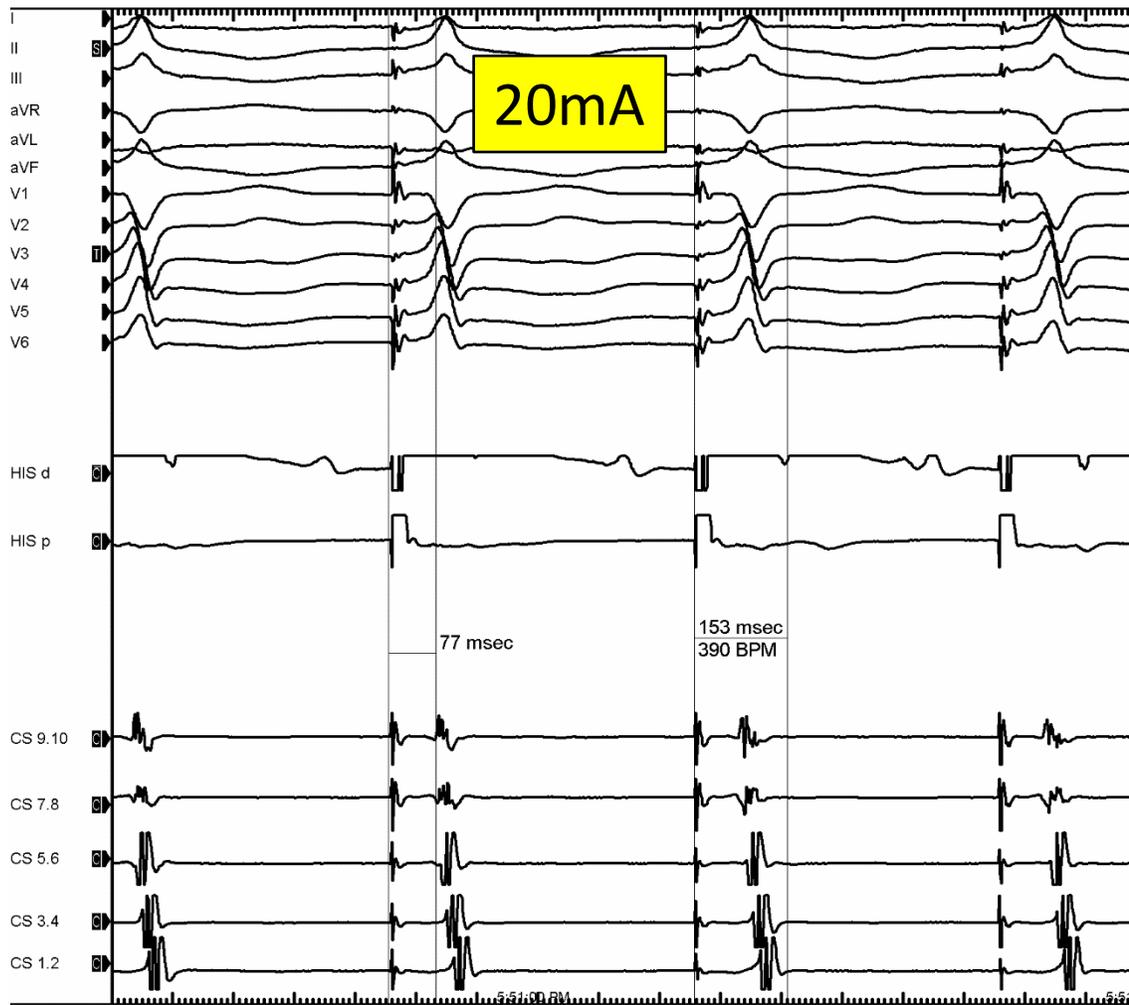
# His synchronní (refrakterní) stimulace



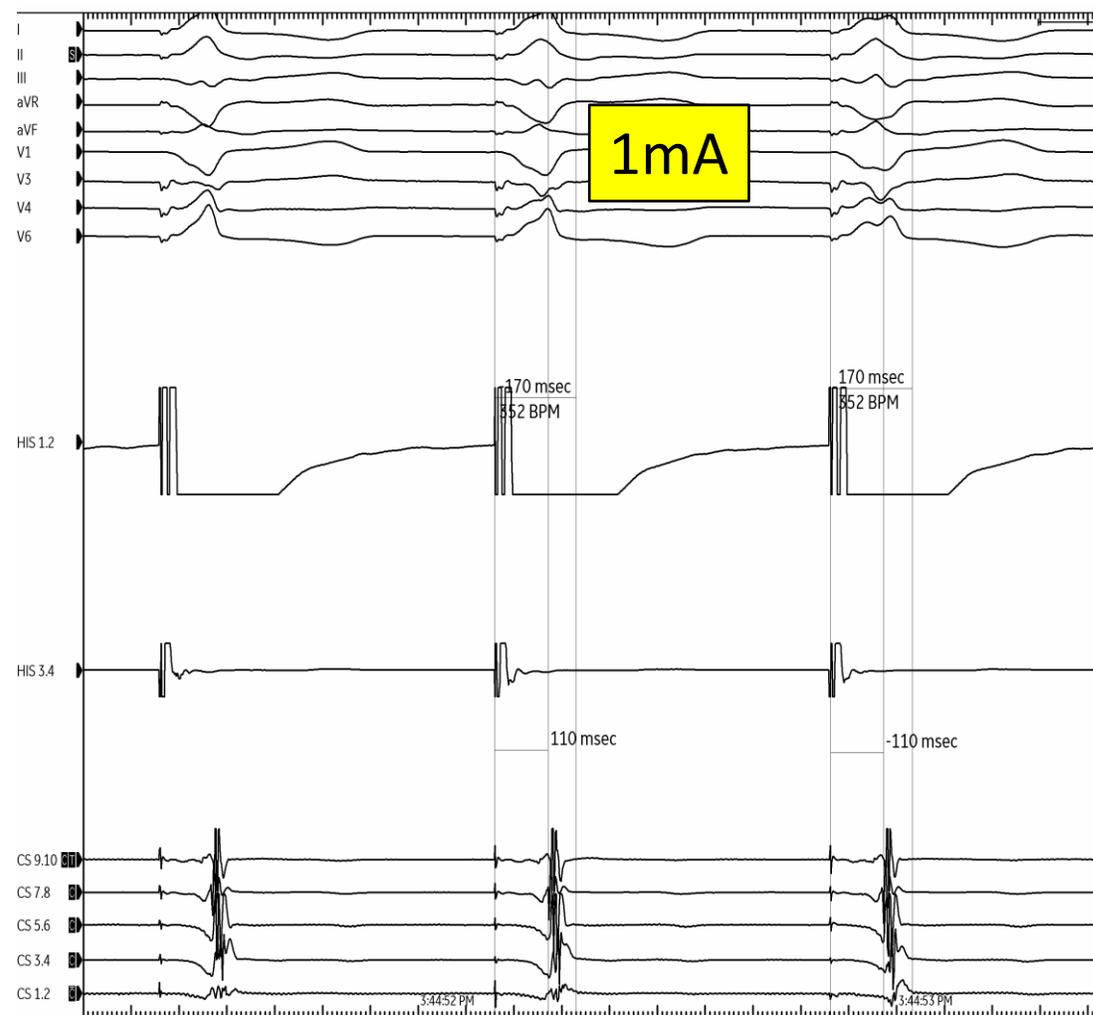
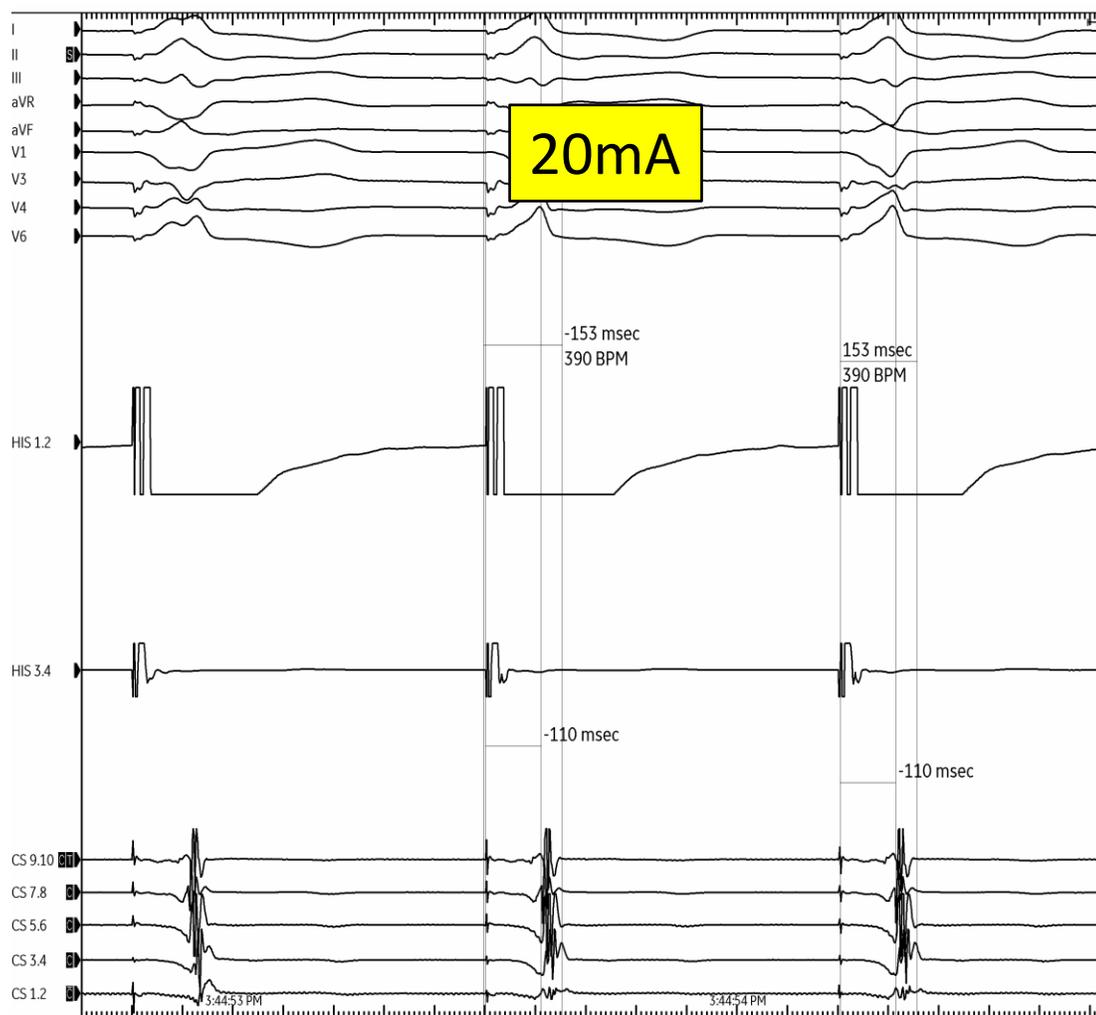
# RVOP (pravokomorová overdrive stimulace)



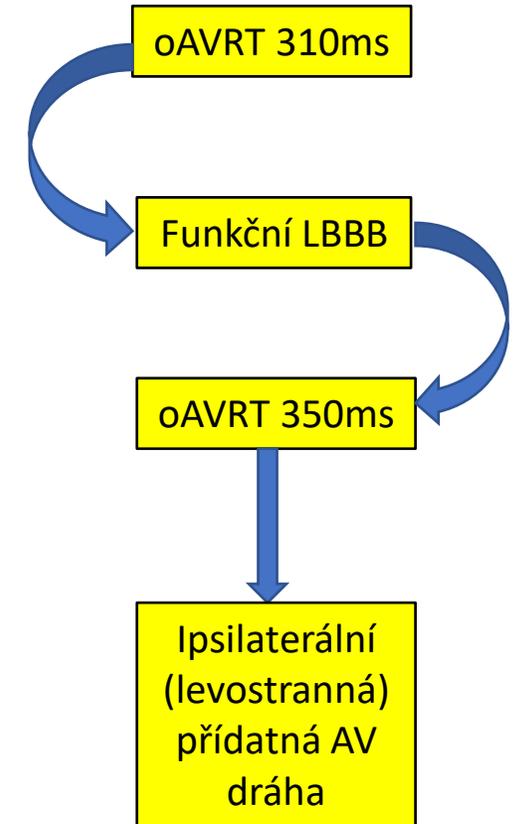
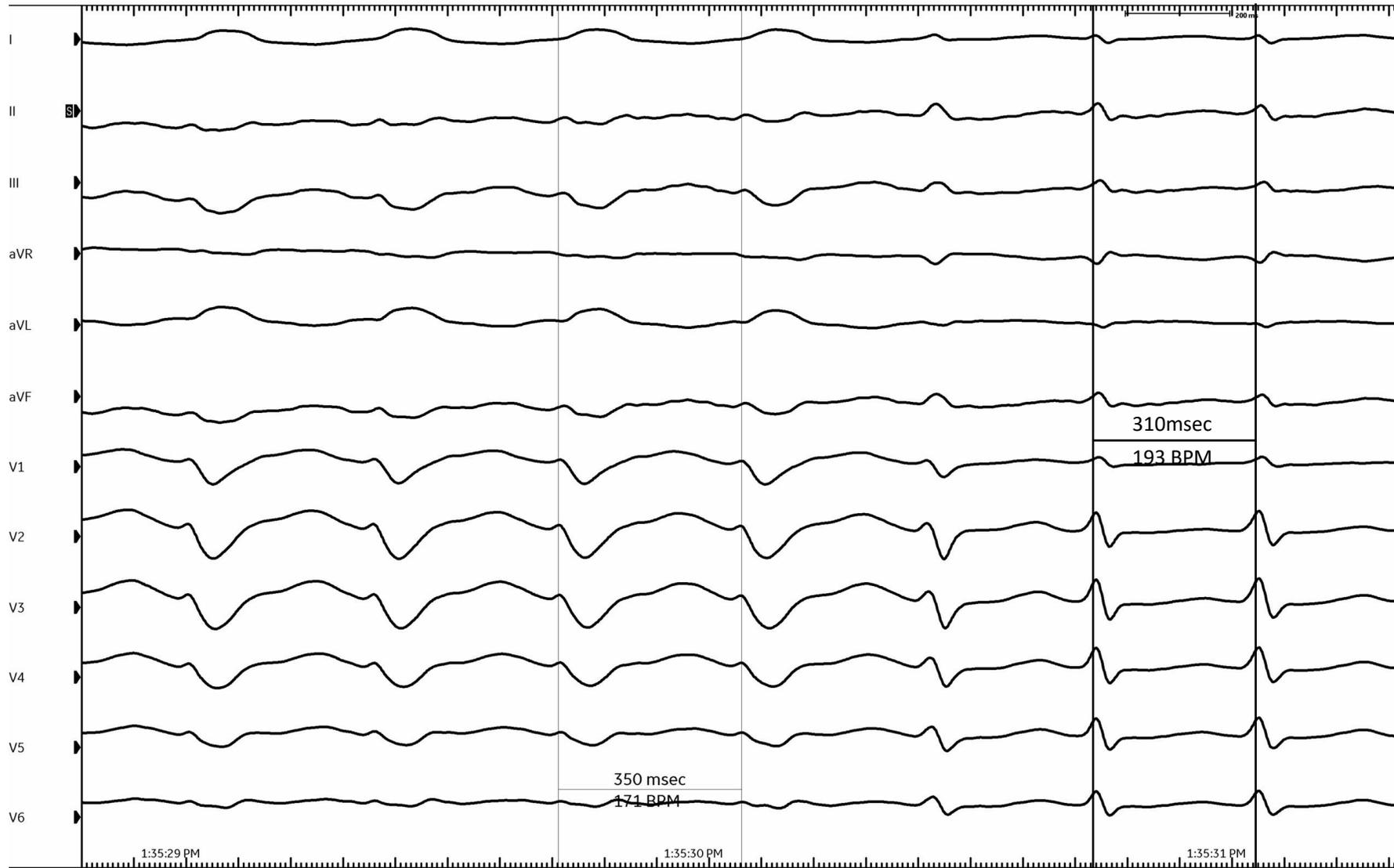
# Parahisální stimulace



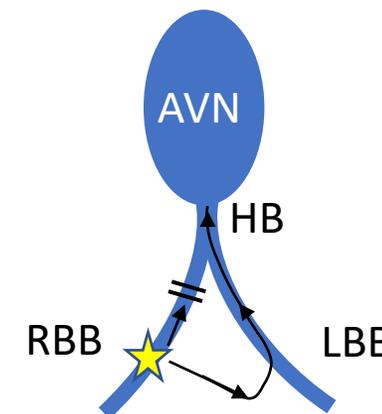
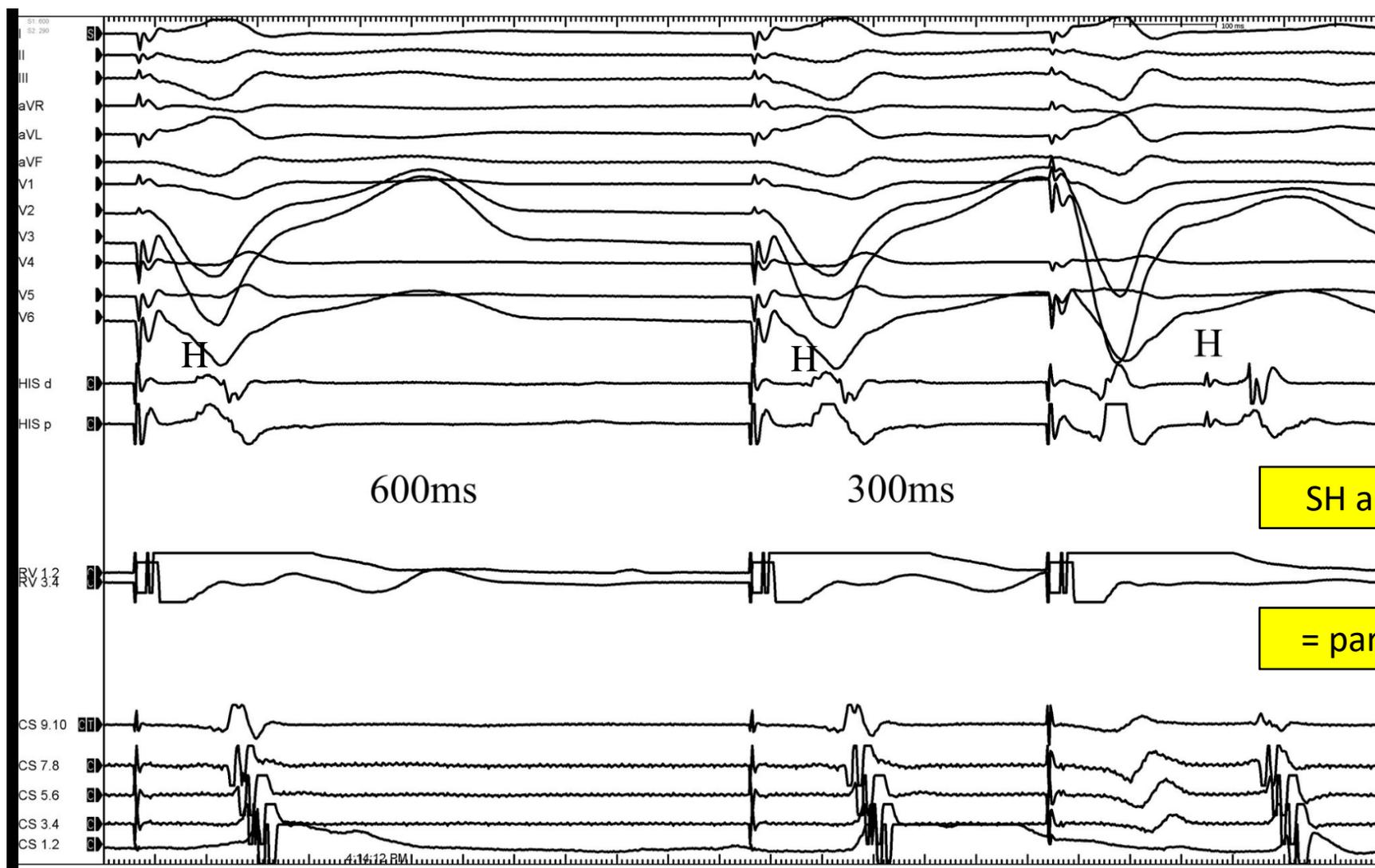
# Parahisální stimulace



# Coumelovo znamení (1974)



# Retrográdní RBBB během programované stimulace komor



SH and HA interval

= parahisian pacing



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Thank you!



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DEPARTMENT OF CARDIOLOGY