Overdrive Pacing from RV

Figure 4.1A.
Induction of tachycardia

Figure 4.1B.
Ventricular Extrastimulus (delivered close to annulus near earliest atrial potential)

Late V2 (H not advanced)

Atrial Activation Advanced (Retrograde AP Conduction)
  Atrial Sequence Same (retro AP during tach)
  Atrial Activation Advanced
  Tach Reset
  Orthodromic AVRT

  Atrial Sequence Different (this AP doesn't participate)
  Atrial Activation Not Advanced
  Tach Not Reset
  ?AVNRT with bystander AP

Atrial Activation Not Advanced (No Accessory Pathway)
  Earlier V2 or V3 (Hr advanced)
  Atrial Activation Advanced
  Atrial Sequence Same
  Tachycardia Reset
  AVNRT

  Atrial Activation Not Advanced
  Tachycardia Not Reset
  Atrial Tachycardia

Fig 4.2.
Fig 4.3A.
Fig 4.4A.
Fig 4.4B.
Fig 4.5A.
Fig 4.5B.
Fig 4.6A.
Fig 4.6B.
Fig. 4.7B
Fig 4.8. Slow/Fast AVNRT

- Slow pathway
- Fast pathway

Lower Common Pathway

RV pacing

- RBB
- LBB

Fig 4.8. Slow/Slow or Fast/Slow AVNRT

- Slow pathway-1
- Slow pathway-2

RV pacing

- RBB
- LBB
Fig 4.9A.
Fig 4.9B.
Fig 4.10A.
Fig 4.10B.
Fig 4.10C.
Fig 4.10D.
Fig 4.11A.
Fig 4.11B.
Fig 4.11D.
Figure 4.12A.
Figure 4.12B.
Figure 4.13C.
Figure 4.13D.
SVT: cycle length 295 ms

Figure 4.14A.
Figure 4.14B.
Figure 4.14C.
Figure 4.14D.
Figure 4.14E.
Figure 4.14F.

Pacing CL: 440 ms
Figure 4.15A.
Figure 4.15B.
Figure 4.15E.
Figure 4.15F.
Fig 4.16A.

Inferior Triangle of Koch
Fig 4.16B.
Fig 4.16C.
Fig 4.17A.
Fig 4.17B.
Fig 4.18B
Fig 4.18C.
Parahisian Pacing

Fig 4.18D
Tricuspid Annulus

Accessory AVN

Mitral Annulus

Figure 4.19B.
Figure 4.20A.
Figure 4.22A
Figure 4.22C.
Figure 4.22D.
Figure 4.23B.
Late A2 (septal A not advanced)

Ventricular Activation Advanced (Same ventricular Activation Sequence)

Antegrade AP Conduction

Yes -> Tachycardia Reset

AVRT using AP for Antegrade Conduction

No AP Conduction (VT)

Ventricular Activation Not Advanced

No

AP doesn’t Participate (atrial tachycardia or AVNRT)

Figure 4.24A
Figure 4.24B.
Figure 4.24C.
Figure 4.24D.
Figure 4.24E.
Figure 4.24F.
Figure 4.25A.
Figure 4.25B.
Figure 4.25C.
5 y/o girl with wide-complex tachycardia

Figure 4.26A.
Figure 4.26B.

Sinus Rhythm

WCT
Figure 4.26C.
Figure 4.26D
Figure 4.26E.
Figure 4.26F