

# Telemetry: Pacer

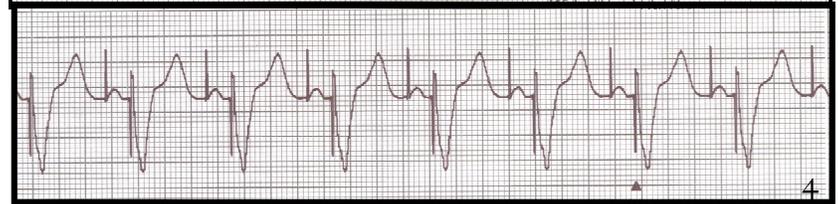
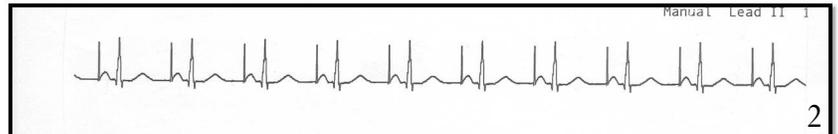
## ***Sinus Rhythm:***

Just a baseline to compare to the other strips. Notice that every P wave has a prompt QRS and everything marches out uniformly.



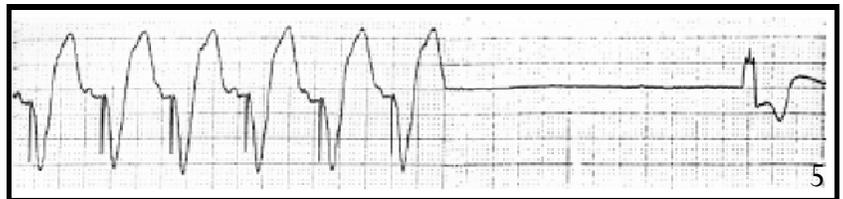
## ***Paced Rhythms:***

Pacers can work in the Atrium, Ventricles or in both. Pic 2 shows an Atrially paced rhythm, note the thin spike before the P wave. Pic 3 shows a Ventrally paced rhythm with a pacer spike and then QRS complexes. Pic 4 shows an AV pacer with a spike before the P wave and a spike before the QRS.



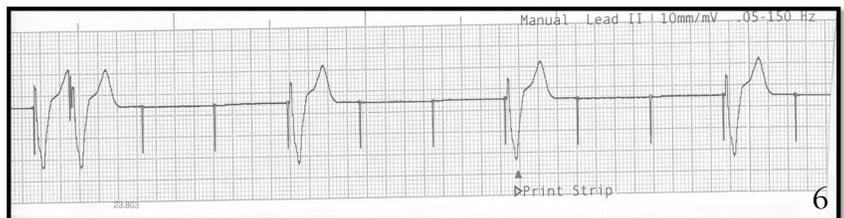
## ***Failure to Pace/Fire:***

In this strip we see the Pacer spikes simply stop and then restart after a 2.4 second pause.



## ***Failure to Capture:***

Here we see the pacer firing consistently but not every spike is strong enough to cause a QRS complex.



## ***Failure to Sense:***

A pacer which fires independently of the intrinsic rhythm is not 'Sensing' the underlying rhythm. This dangerous situation can potentially cause an R-on-T which can cause the heart to go into V-Fib.

