

Telemetry: Atrial Rhythms

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.



Sinus Arrhythmia:

Here we see every QRS has a visible P wave before it. What is different is that the R-to-R interval is irregular. This means the SA node is not firing at a consistent speed.



Atrial Fibrillation:

As we can see, there is no obvious P wave before each QRS. The R-to-R interval is irregular (the top of each R wave does not march out uniformly with the others). Pic 4 is an example of Afib RVR (Rapid Ventricular Rate). In this situation the atrium is fibrillating and the ventricles are trying to keep up with the atrium.



Atrial Flutter:

Instead of a single P wave before each QRS, we have a saw-tooth pattern present. We can also see that the R-to-R interval is regular.

