

Cardiac Dysrhythmia 11/3

Bundle Branch Blocks

- If there is a block at the main stem, complete block
- Need 12-lead in order to know which side bundle branch blocks are on
- QRS- 0.12 or longer, mimic ventricular rhythm
 - Everything else should be normal
 - ST depression
- Right Bundle Branch Block
 - Left side doesn't know, so it depolarizes and then has to go over and depolarize the right side
 - There will be two R's in this block
 - The second R is bigger, dominant
 - Normally, V₅ and Lead II are the tallest, and they will be about the same
 - Not the case in blocks
- 12-lead
 - Look at both recording planes, horizontal and vertical
- Repolarization can't occur normally, so ST and T wave are abnormal
- Left Bundle Branch Block
 - V₁ should be normal, but wide
 - V₅ and V₆ will have two R's notched
- Hemiblock
 - Half blocked
 - Left hemiblock
 - Lead II won't be biggest
 - Left Axis Heart Block (LAHB)- Left Axis Deviation (LAD)
 - Leads II, III, & AvF- RS wave
 - Lead I- QR wave
 - QRS is greater than 0.12
 - LPHB- RAD
 - Lead III – QR wave
 - Lead I RS wave
 - Opposite of LAHB
 - Not very common