



The heart on the left shows how an electrical signal flows from the atrioventricular node (AV node) to the chambers in the lower half of the heart, called the ventricles.

The heart on the right shows a case of third degree heart block. In this illustration, the electrical signal from the AV node to the ventricle is completely blocked. When this happens, the electrical signal of the atria (chambers at the top of the heart) does not transmit to the ventricles (chambers at the bottom of the heart), which causes the ventricles to beat at their own, slower rate.

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