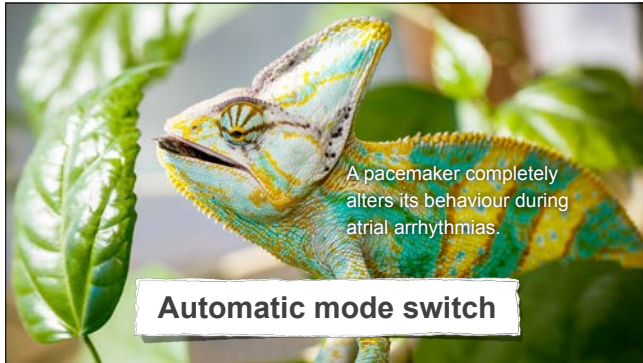




Pacemaker optimization

What is automatic mode switch (AMS)



Automatic mode switch (AMS)



- DDD pacemaker
- Switches to a VVI mode during atrial arrhythmias
- Switches back to DDD mode when arrhythmia ends

Onset of AF (no AMS)



Problem with DDD during atrial arrhythmia

60 bpm then AF (with AMS)



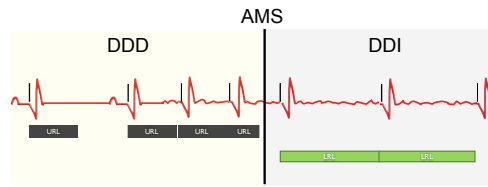
When arrhythmia strikes

AMS



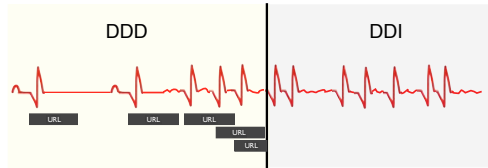
Switching back

60 bpm then AF (with AMS)



DDI not VVI

AMS



If AF is conducted naturally

Adjustable



- Programmable
- Typically around 170 bpm
- Any atrial rate above 170 bpm triggers the AMS

Takeaway message



Automatic mode switch causes a **DDD** pacemaker to behave like a **VVI** pacemaker during an atrial arrhythmia.
