TEMPORARY/EXTERNAL CARDIAC PACING by Nick Mark MD

DEFINITIONS:

• Transvenous & epicardial pacing are temporary methods of supporting brady- & tachydysrhythmias until resolution or definitive treatment (such as a permanent implanted pacemaker) can be implanted.

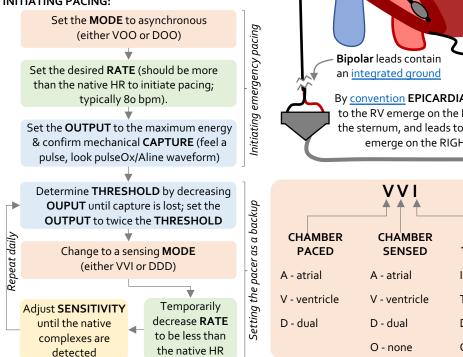
• External cardiac pacing involves connecting one or more pacing electrodes (called leads) to an external pulse generator (also called an external pacer box).

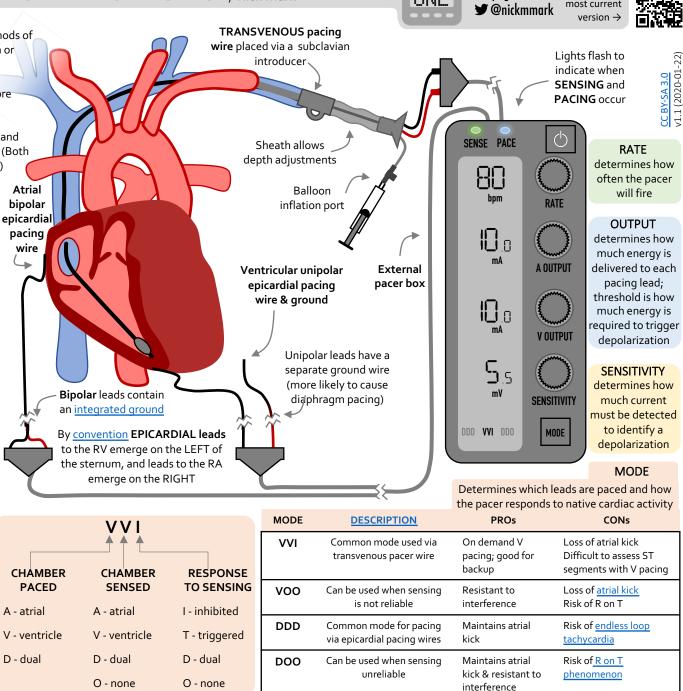
• Transvenous and epicardial pacing are more reliable and more durable treatments than transcutaneous pacing. (Both are pictured, though would not be used *simultaneously*.)

USES:

· Pacing can be used to support patients with severe BRADYCARDIA or HEART BLOCK leading to hemodynamic compromise. HB or bradycardia may be due to surgery, MI, electrolyte disturbances, toxicities. OVERDRIVE PACING is a technique for suppressing arrythmias (such ventricular tachycardia or Torsades de pointes) by selecting a rate faster than the arrythmia to overdrive suppress it then decreasing the rate once the dysrhythmia is suppressed.

INITIATING PACING:





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