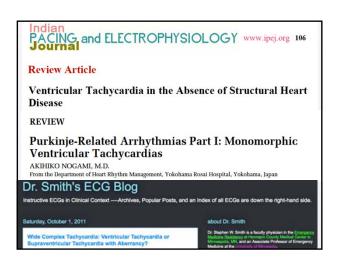
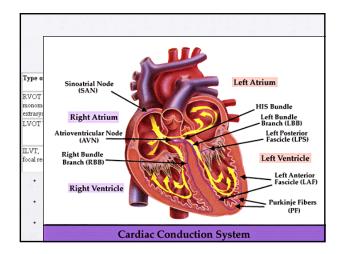


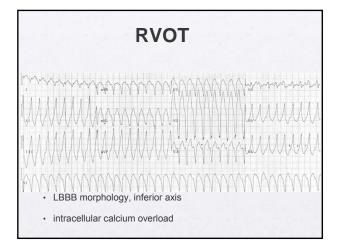
Ventricular tachycardia

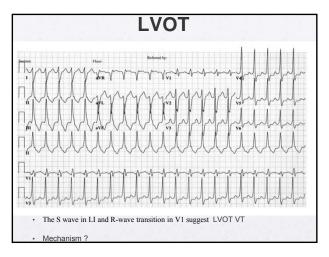
· definition: 連續出現至少3個VPC, 速率>120/min

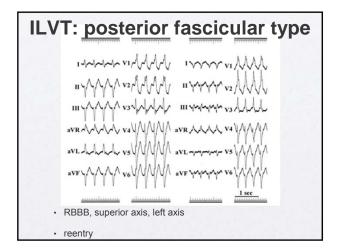


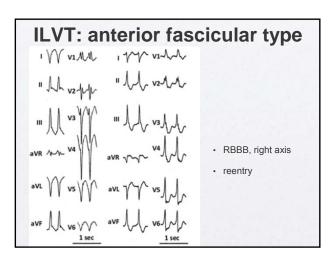
- introduction
 The rate is usually >120/min with broad QRS complexes.
- VT may be monomorphic (common) or polymorphic
- Non-sustained VT: < 30 seconds' duration; a longer duration is described as sustained VT.
- · Sustained VT is associated with:
- · Late phase of myocardial infarction (frequently with left ventricular aneurysm).
- Cardiomyopathy
- · Right ventricular dysplasia.
- · Myocarditis.

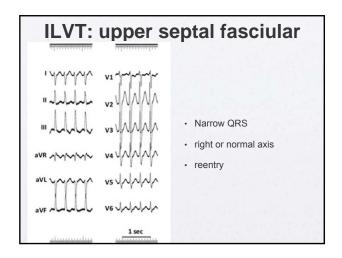


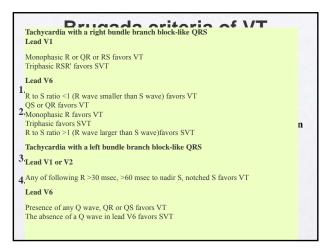


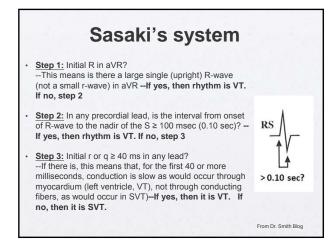


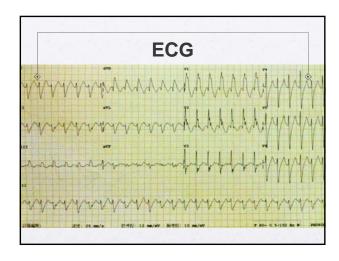


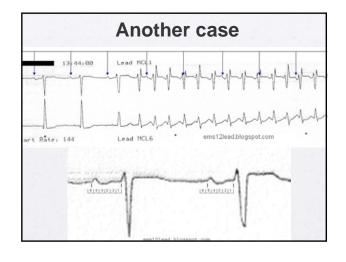












• No criteria is perfect !

ACLS

- For regular wide QRS tachycardia: adenosine is relatively safe for treatment and diagnosis (class IIb)
- Verapamil is contraindicated for wide QRS tachycardia unless known to be SVT (class III)
- IF stable and likely VT: procainamide (class IIa), amiodarone (class IIb), sotalol (class IIb), if fail => cardioversion 100J (increase if fail)
- IF VT: polymorphyic, unstable, irregular => DC shock