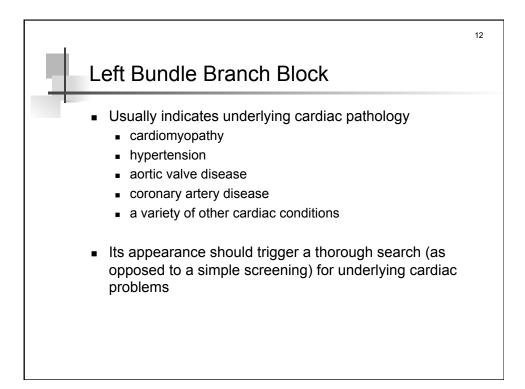


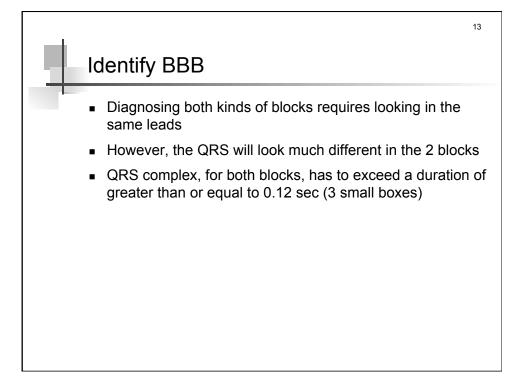
Right Bundle Branch Block

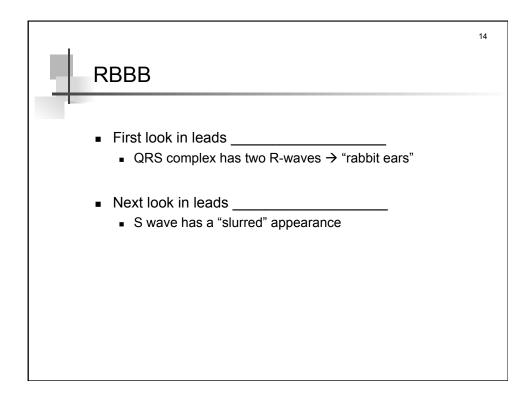
 Occurs in medical conditions that affect the right side of the heart or the lungs

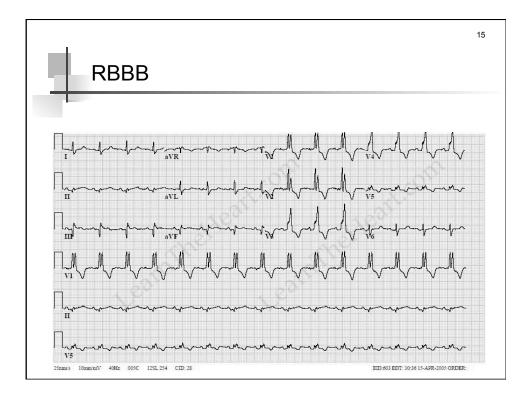
11

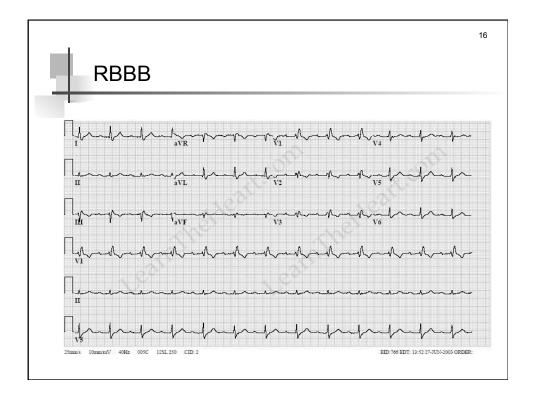
- pulmonary embolus
- chronic lung disease
- cardiomyopathy
- atrial and ventricular septal defects
- Observation of RBBB should trigger a screening exam for above conditions
- RBBB is also commonly occurs in normal, healthy individuals

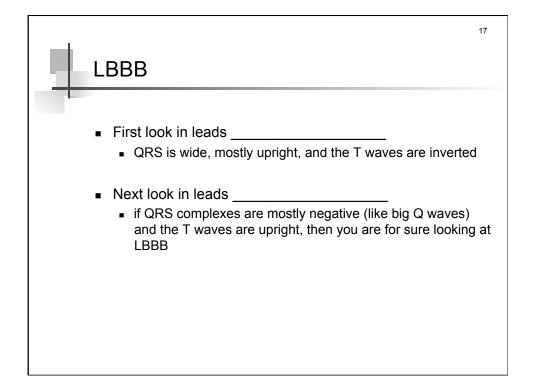


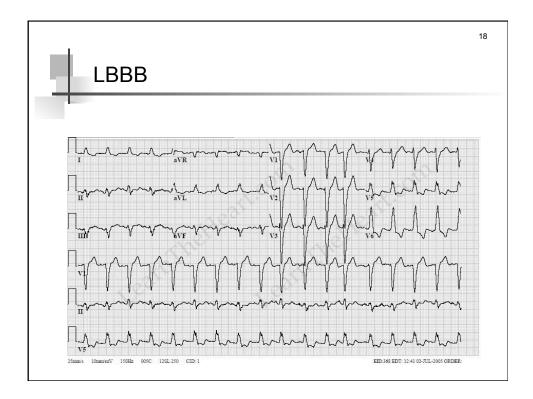


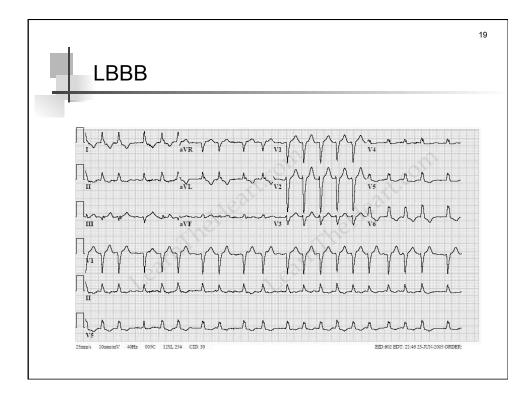


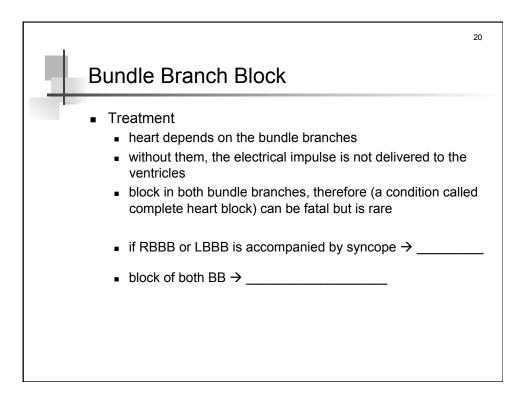


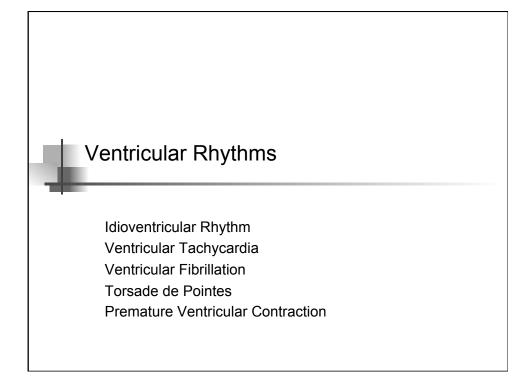




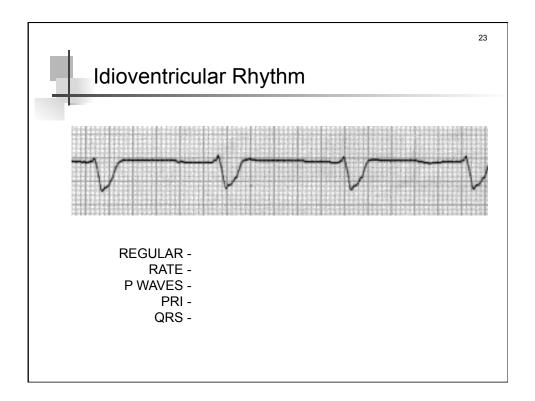


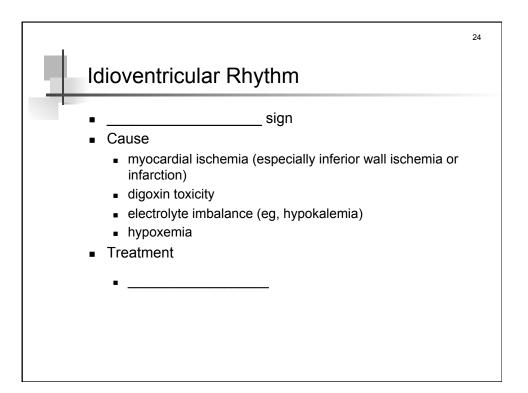


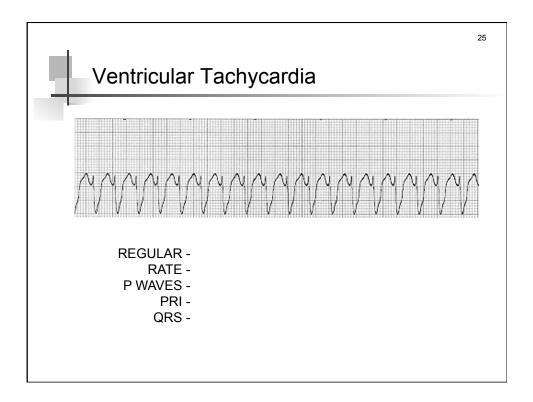


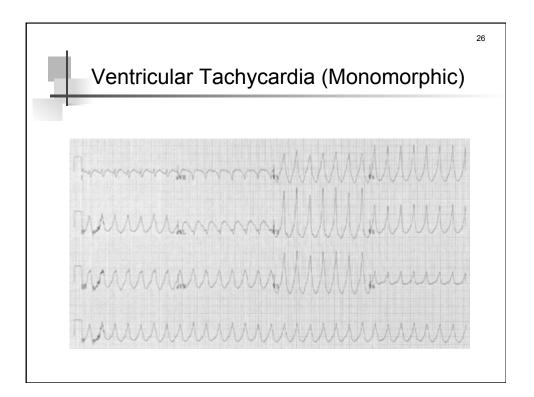


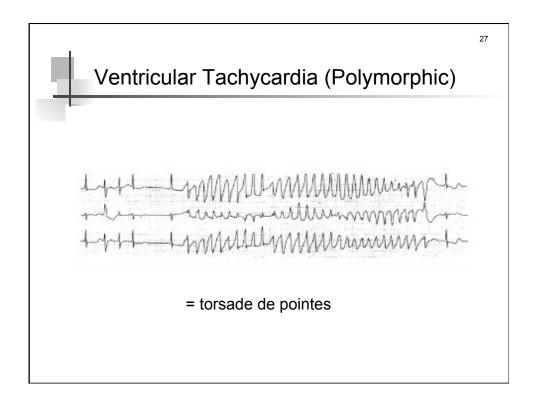
		ricular Rhythms				
RHYTHM	REGULARITY	RATE	P WAVES	PRI	QRS	
ldio- ventricular	regular	20-40	none	none	>0.12 sec wide, bizarre	
Vent Tach	usually regular	100-250	none associated	none associated	>0.12 sec wide, bizarre	
Vent Fib	no organized rhythm	no organized rhythm	no organized rhythm	no organized rhythm	no organized rhythm	
PVC	interrupts underlying rhythm	depends on underlying rhythm	none	none	>0.12 sec wide, bizarre	

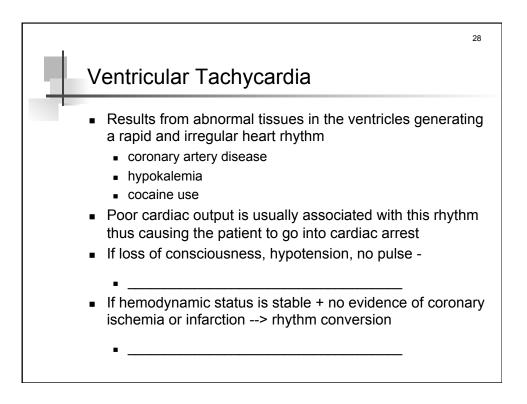


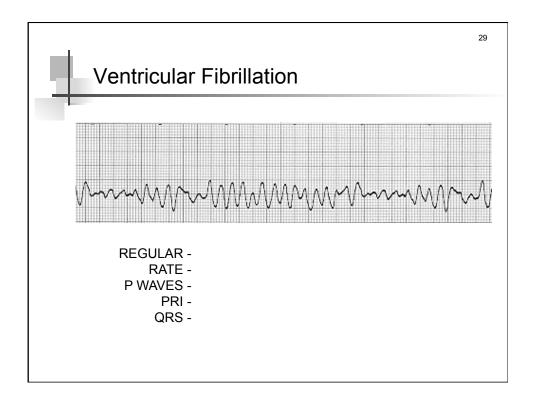


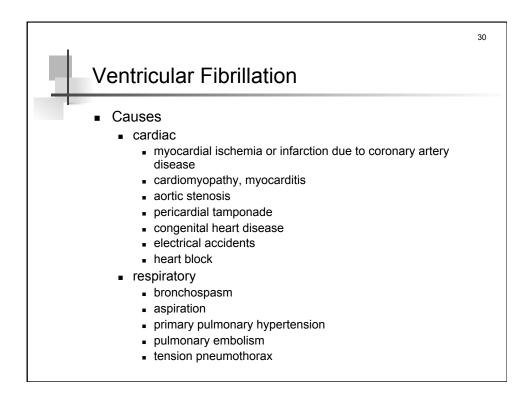










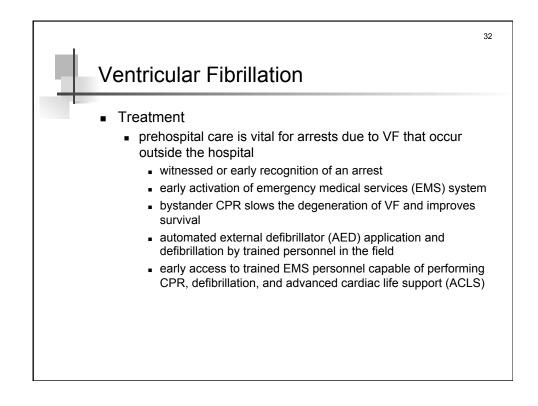


Ventricular Fibrillation

- Causes (con't)
 - metabolic or toxic
 - electrolyte disturbances and acidosis
 - medications or drug ingestion
 - environmental poisoning
 - sepsis
 - neurologic
 - seizure
 - cerebrovascular accident (intracranial hemorrhage or ischemic stroke)

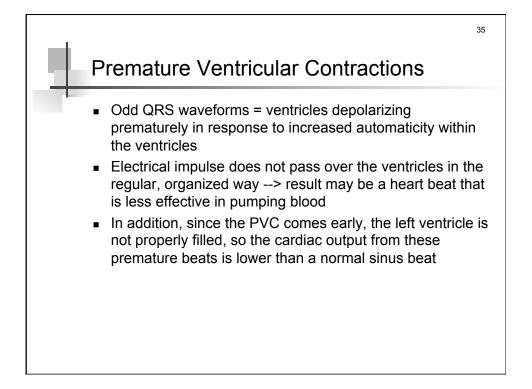
31

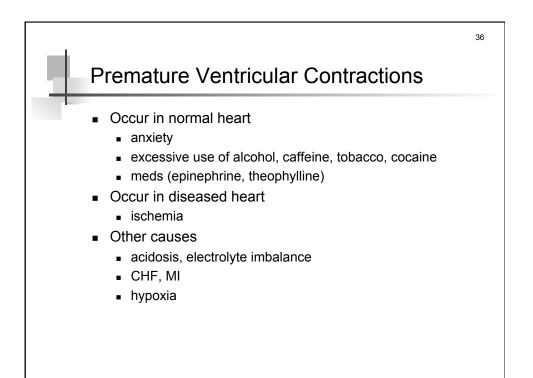
drowning

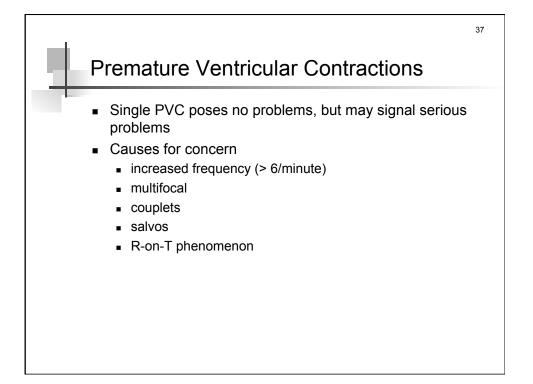


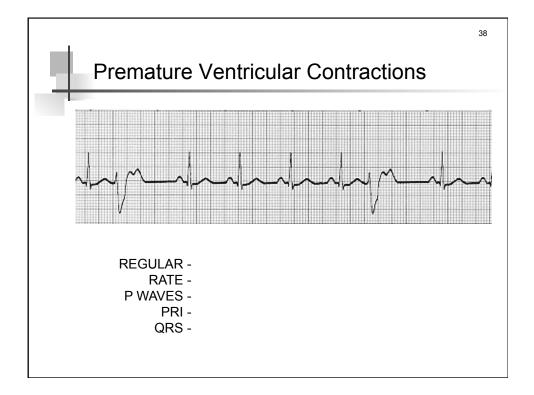
	Ventr	icular Fibrillation
		tment ospital care (ACLS) = SCREAM
S	Shock	360J monophasic, 200J biphasic, 1st and subsequent shocks. (Shock every 2 minutes if indicated)
С	CPR	After shock, immediately begin chest compressions followed by respirations (30:2 ratio) for 2 minutes. (Do not check rhythm or pulse)
R	Rhythm	Rhythm check after 2 minutes of CPR (and after every 2 minutes of CPR thereafter) and shock again if indicated. Check pulse only if an organized or non-shockable rhythm is present.

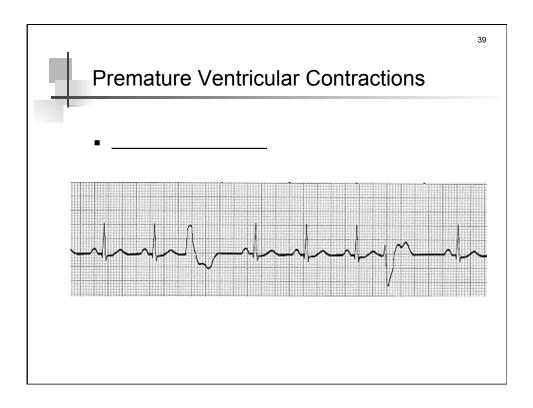
	Ventricula	r Fibrillation
E	Epinephrine	1 mg IV/IO q3-5 min. Or vasopressin 40 U IV/ IO, once, in place of the 1st or 2nd dose of epi.
AM	Antiarrhythmic Medications	Consider antiarrhythmics: Amiodarone 300mg IV/IO, may repeat once at 150mg in 3-5 min. if VF/PVT persists or Lidocaine (if amiodarone unavailable) 1.0-1.5 mg/kg IV/IO, may repeat X 2, q5-10 min. at 0.5-0.75 mg/kg, (3mg/kg max. loading dose) if VF/PVT persists, or
		Magnesium Sulfate1-2 g IV/IO diluted in 10mL D5W (5-20 min. push) for torsades de pointes or suspected/ known hypomagnesemia.

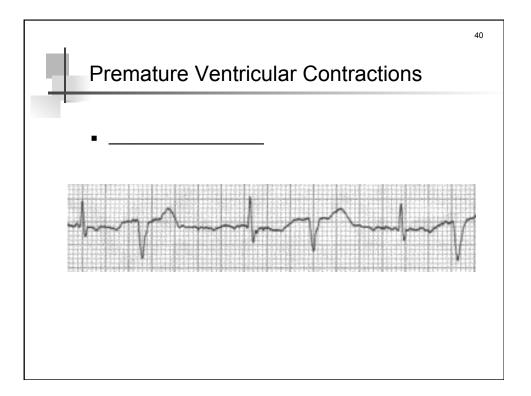


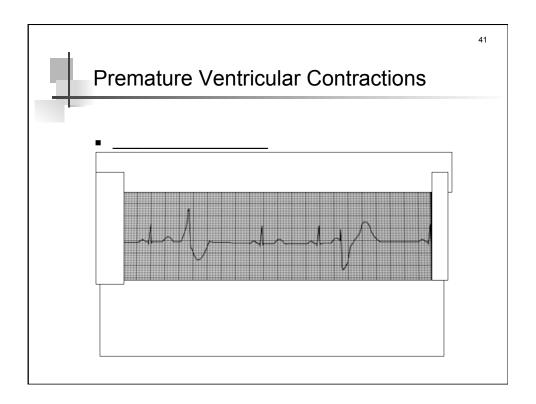


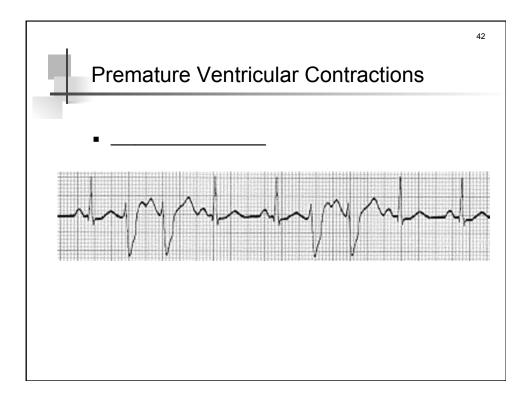


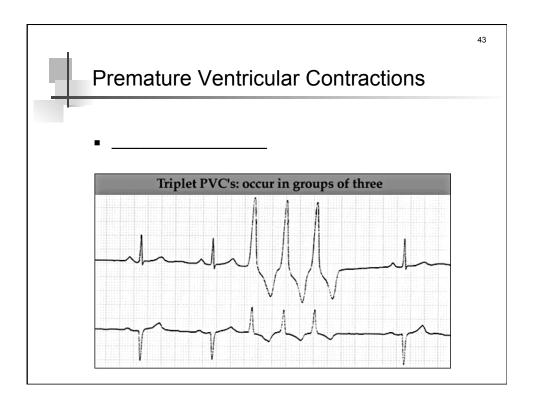


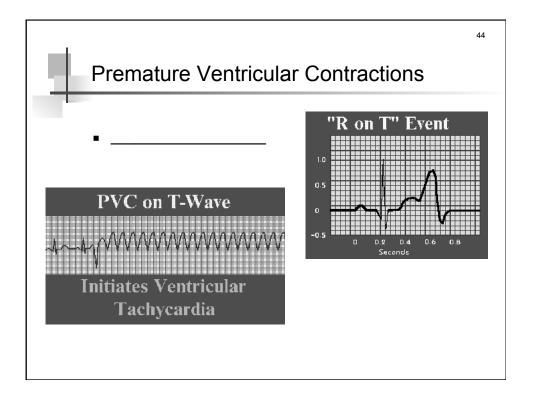


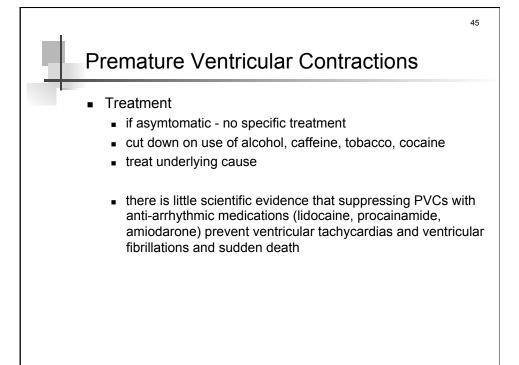


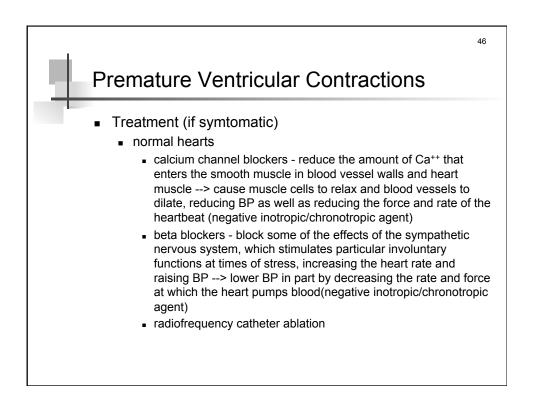


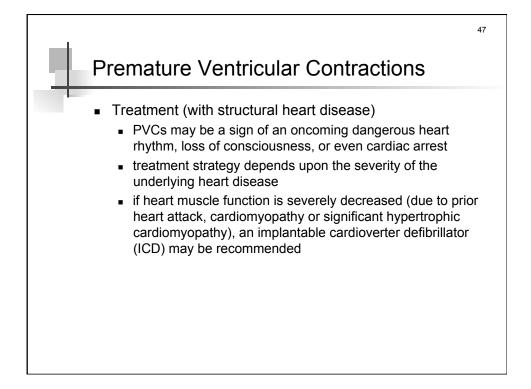


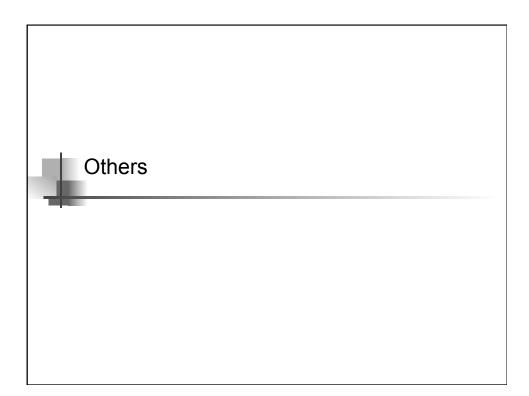








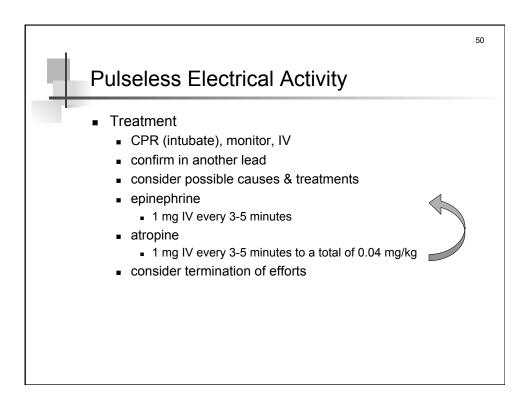


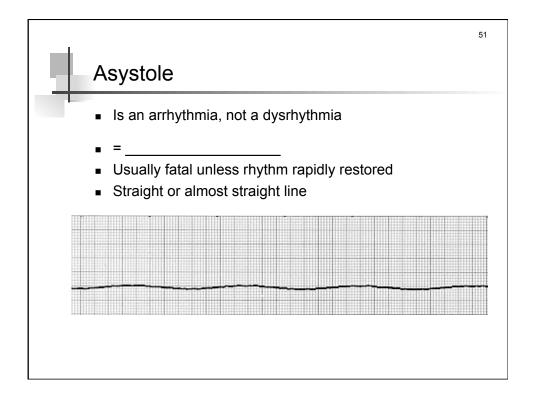


Pulseless Electrical Activity

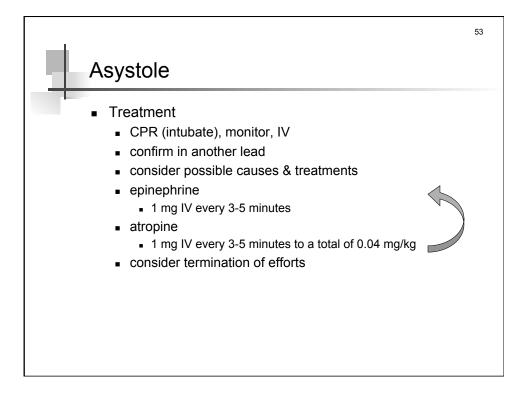
- Formerly electromechanical dissociation (EMD)
- Dissociation of electrical & mechanical activity = electrical activity --> _____
- Is rare
- Causes _____

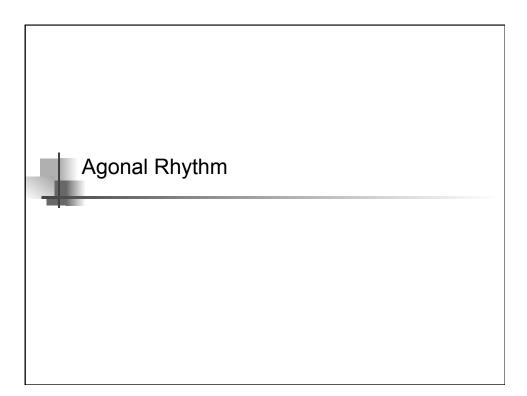
H ypovolemia	Toxins (OD)
H ypoxia	Tamponade, cardiac
H ydrogen ion (acidosis)	Tension pneumothorax
H ypo-/Hyperkalemia	Thrombosis, pulmonary
H ypoglycemia	Trauma
H ypothermia	

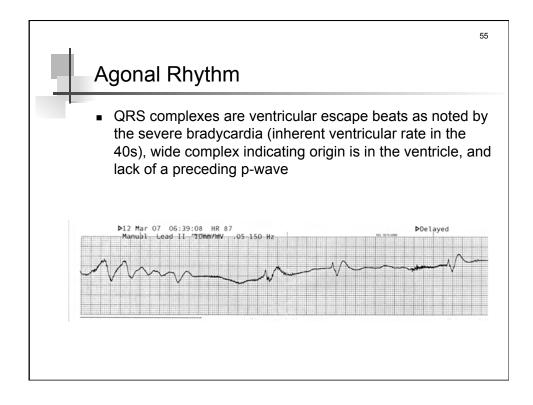


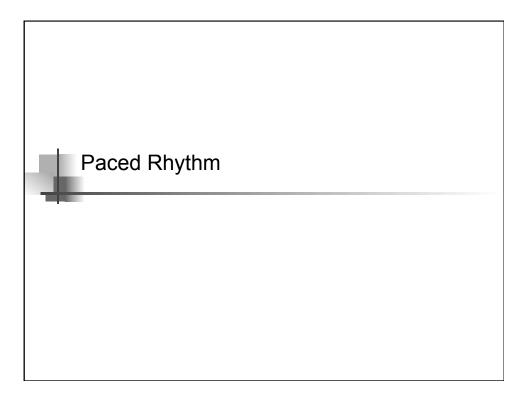


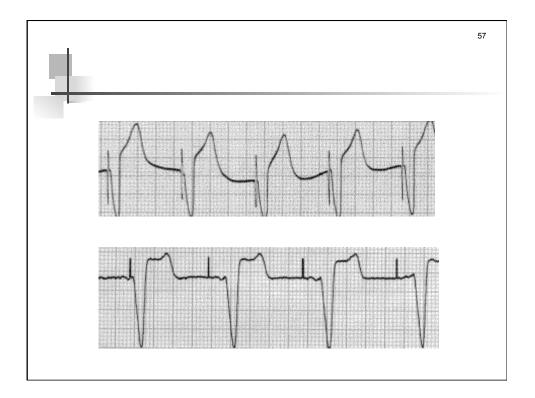
Asystole	
 Causes 	
•	
H ypovolemia	Toxins (OD)
H ypoxia	Tamponade, cardiac
Hydrogen ion (acidosis)	Tension pneumothorax
H ypo-/Hyperkalemia	Thrombosis, pulmonary
H ypoglycemia	Trauma
H ypothermia	

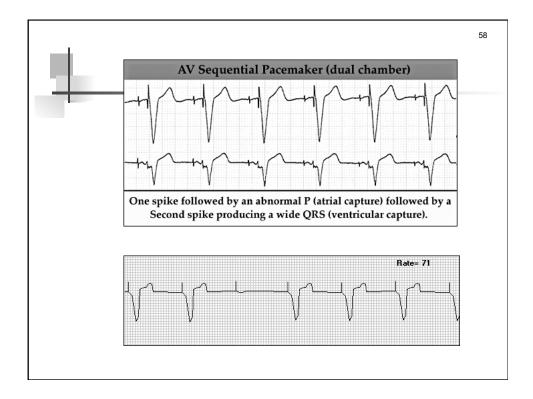


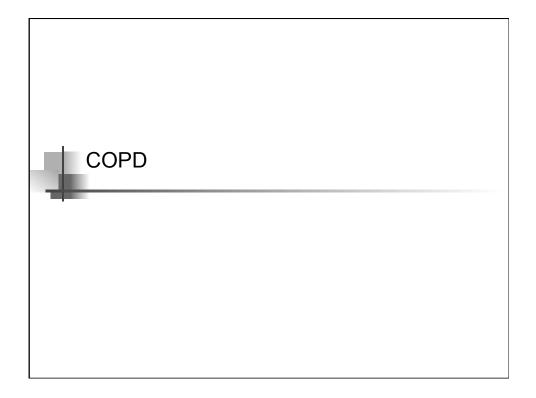


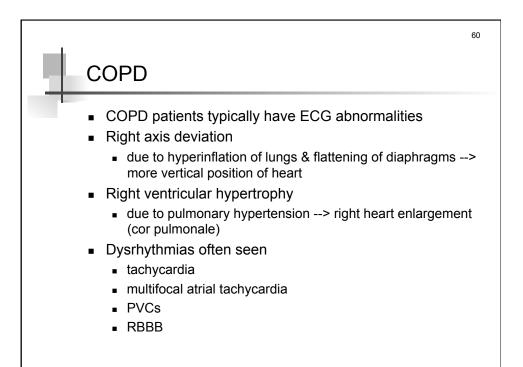












practice strips

http://monroecc.edu/Depts/pstc/backup/prandekg.htm

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- http://www.skillstat.com/Flash/ECGSim531.html
- http://sprojects.mmi.mcgill.ca/heart/puz990914r1.html
- ACLS
 - http://www.acls.net/aclsalg.htm