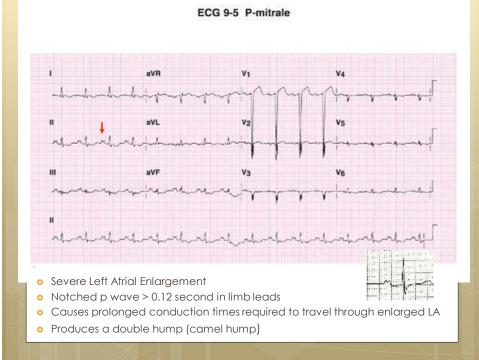
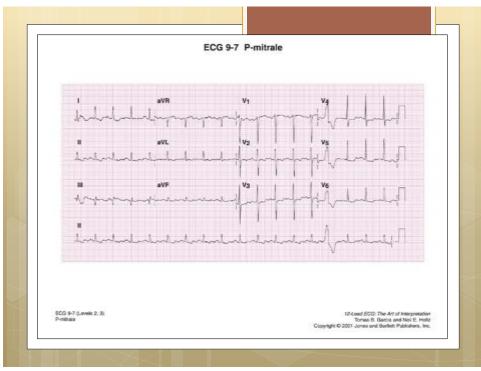


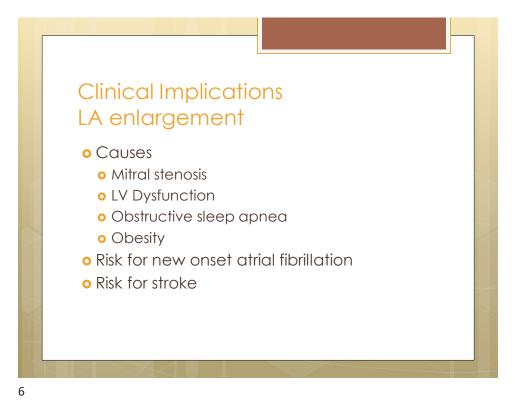
Hypertrophy

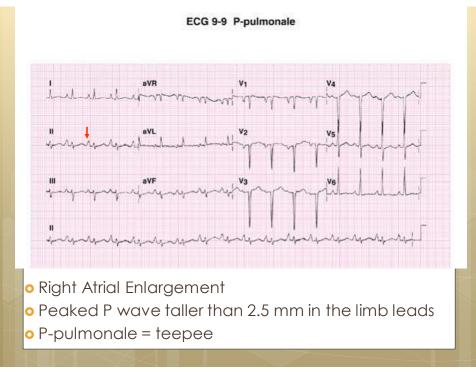
- Complexes larger because takes longer to get through atria or ventricles
- Atrial enlargement = Large p waves
- Ventricular enlargement = Tall R waves

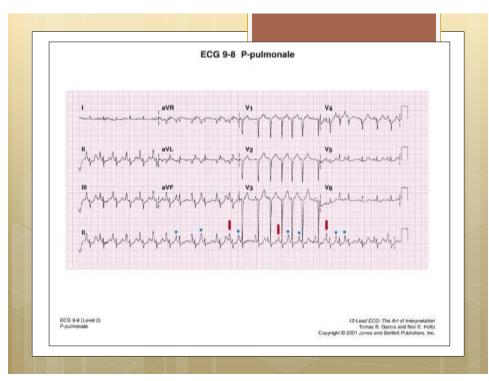
3







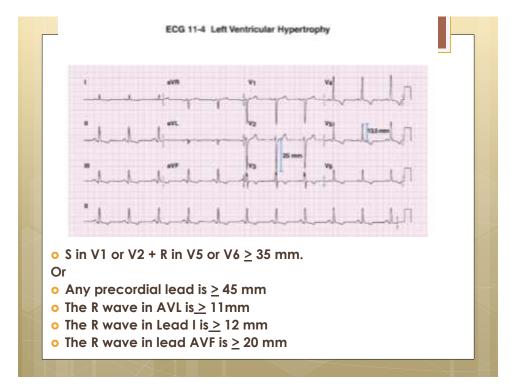


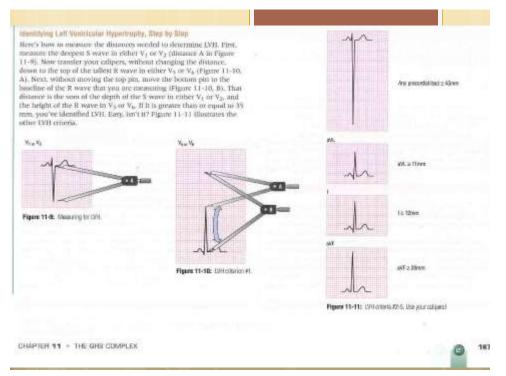


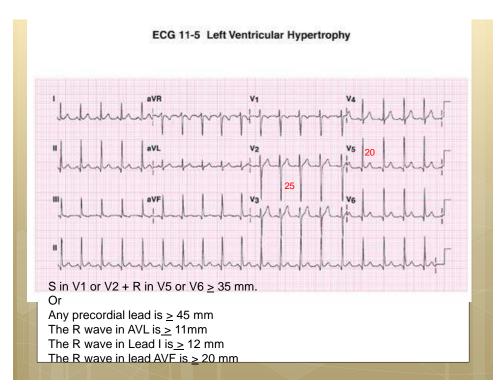
Clinical Implications RA enlargement

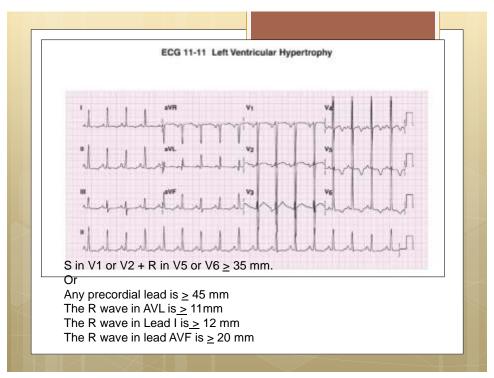
Causes

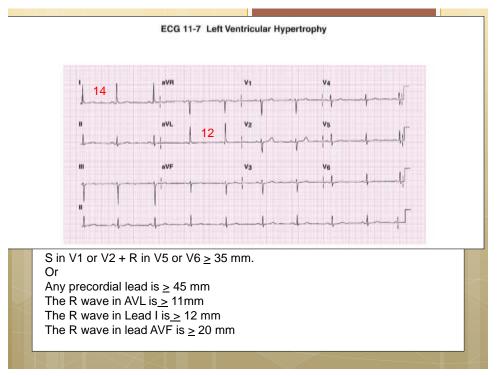
- Increased right ventricular pressures
 - Pulmonary arterial hypertension
 - Cor pulmonale
 - o COPD
- Valvular disease
 - Tricuspid regurgitation.
 - Tricuspid stenosis
- Atrial septal defect (ASD)
- Right Ventricular Failure

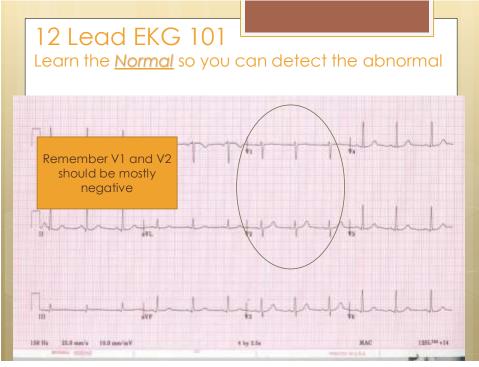


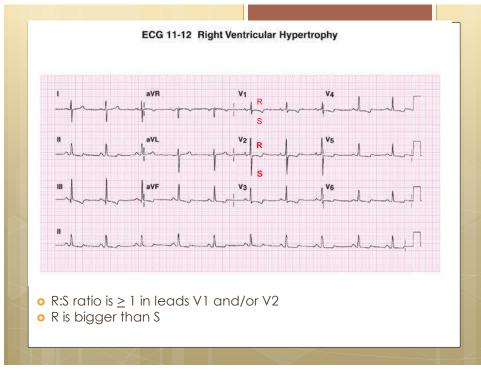


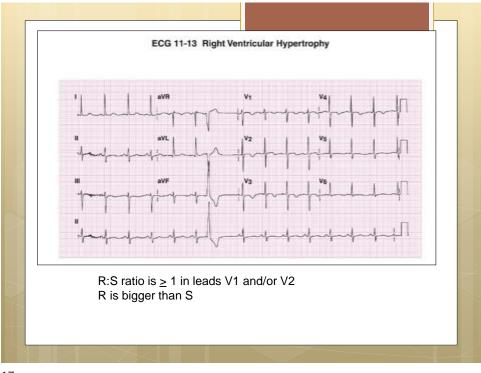


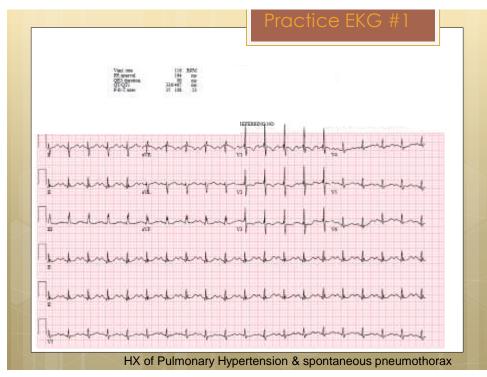


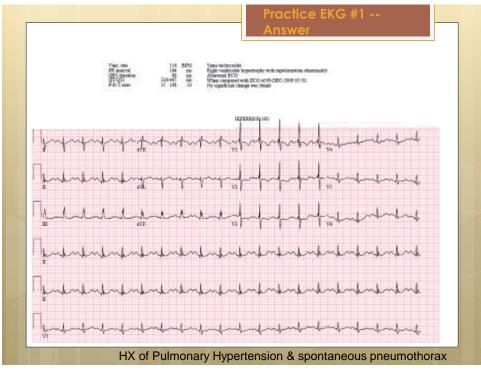




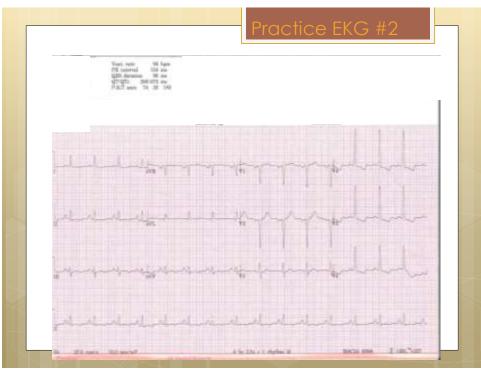


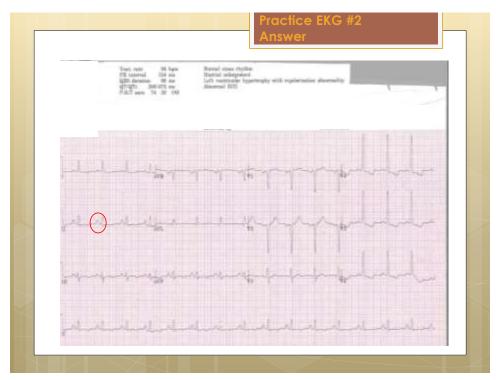


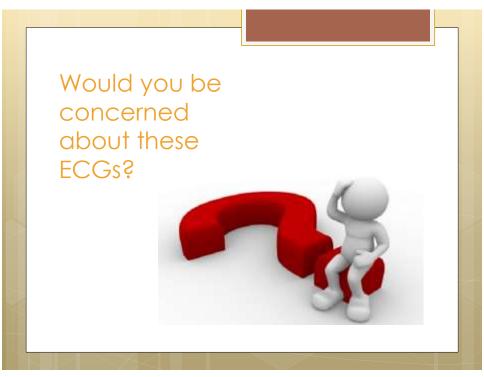


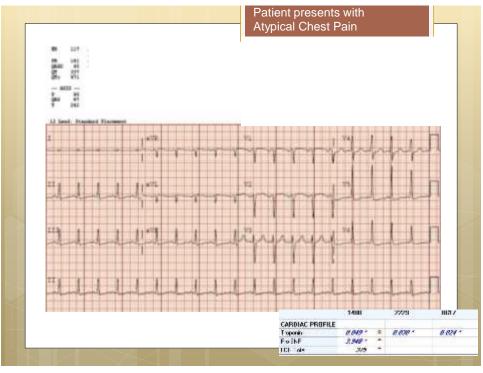


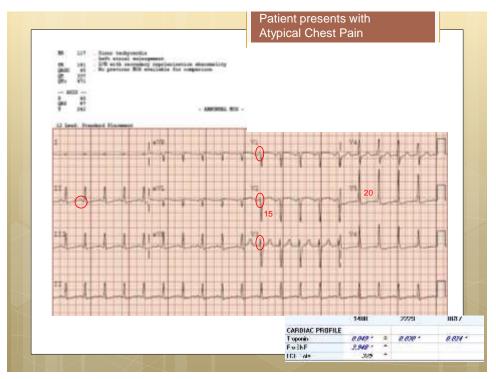


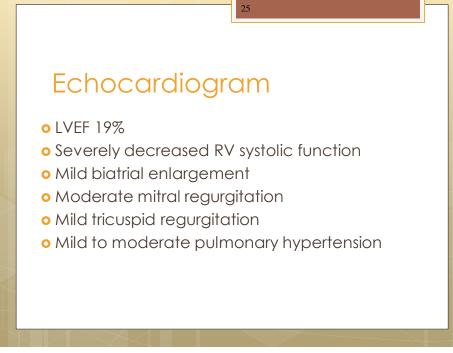


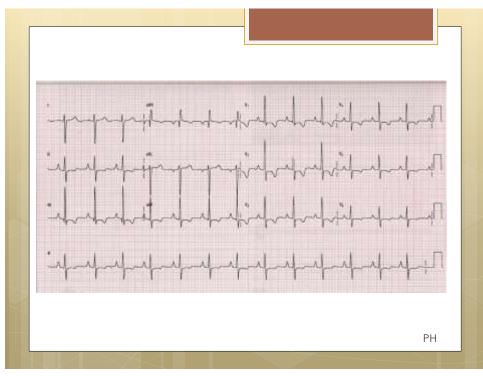


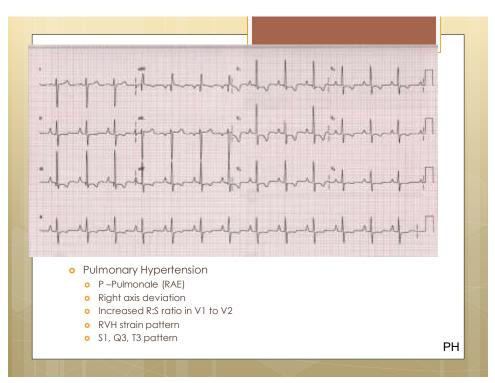


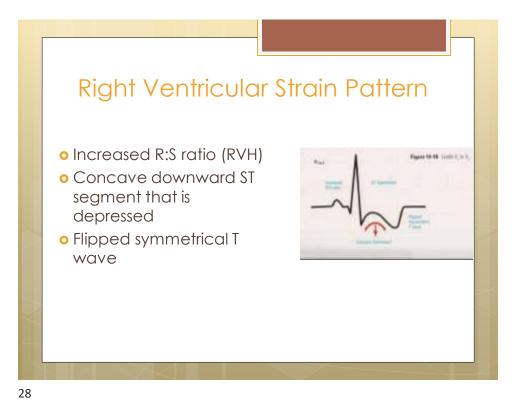


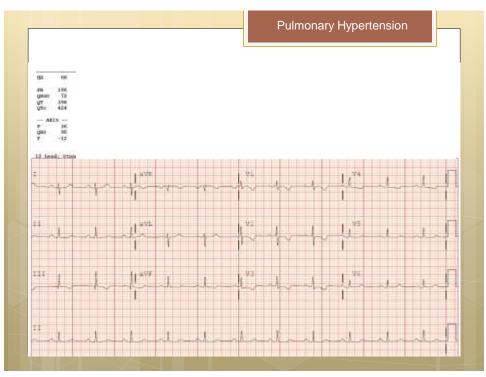




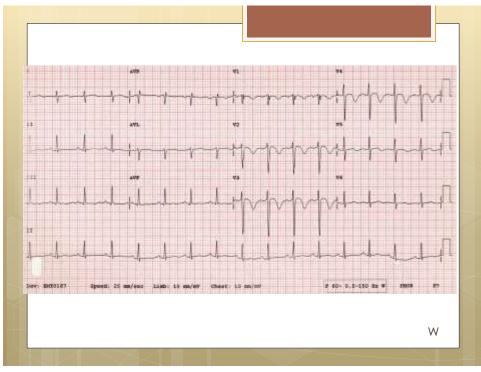


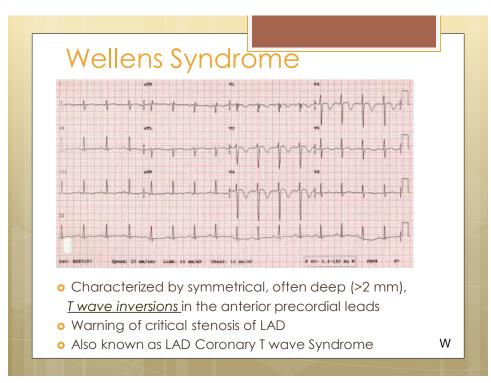


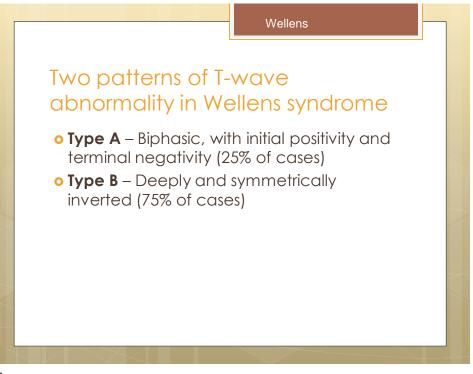


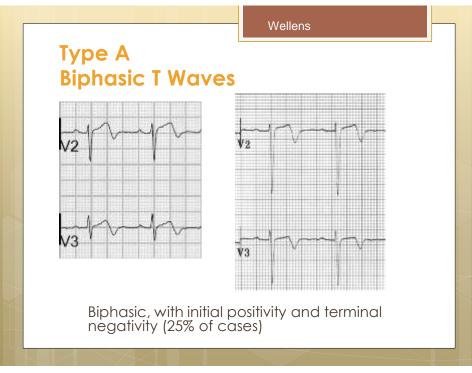


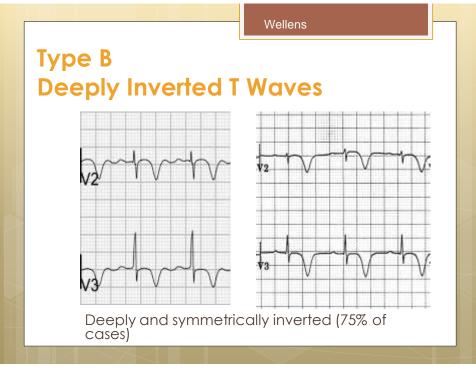


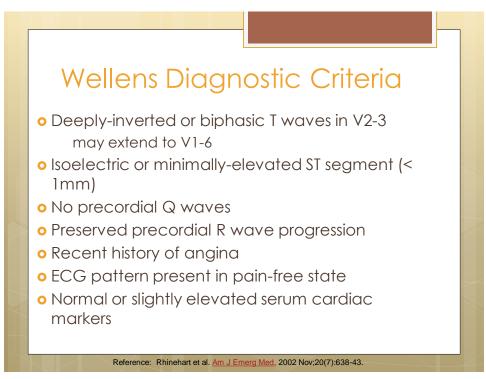


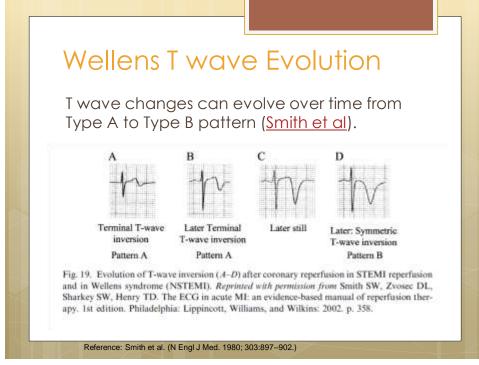


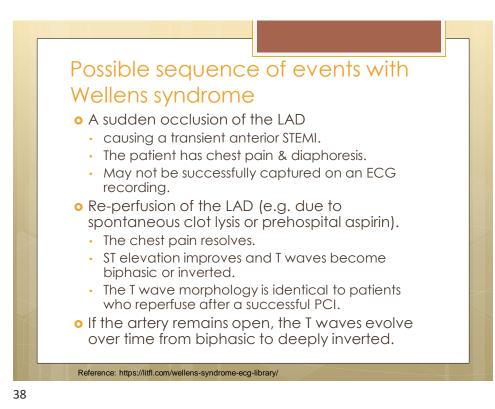


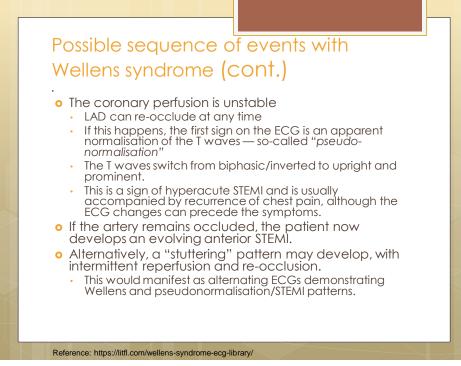


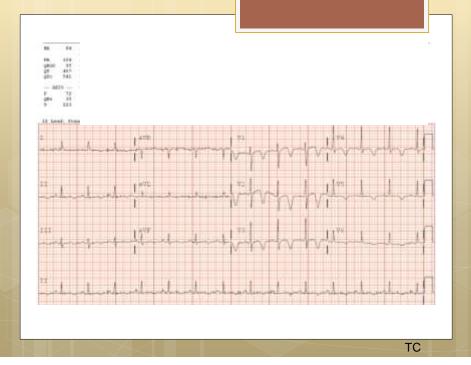


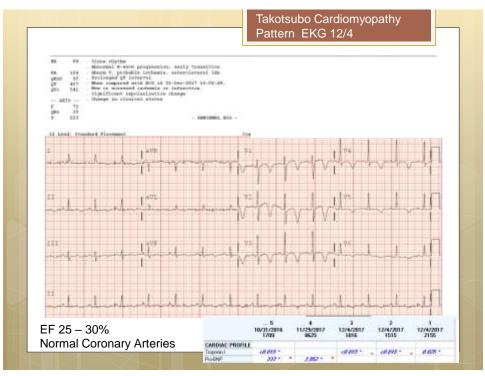


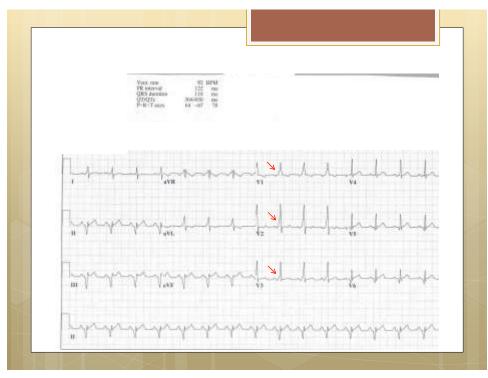


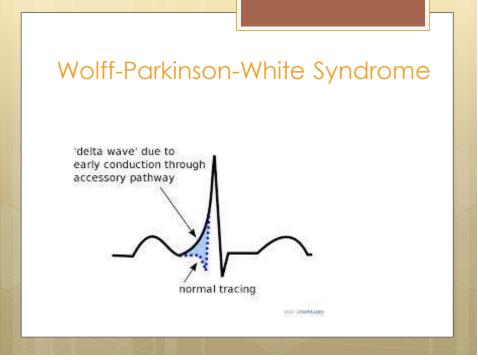


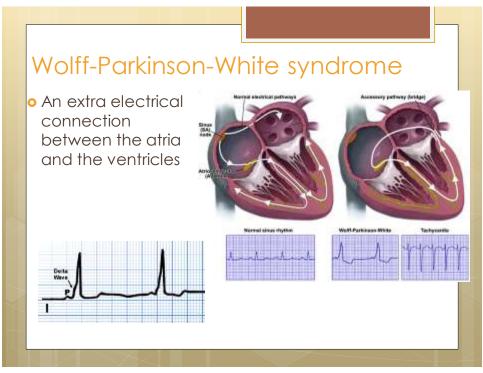


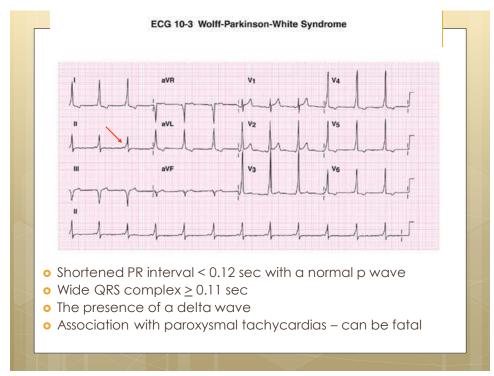


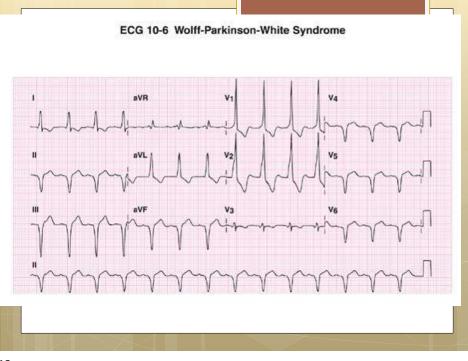


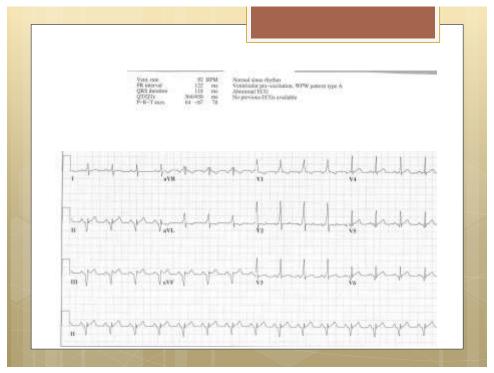


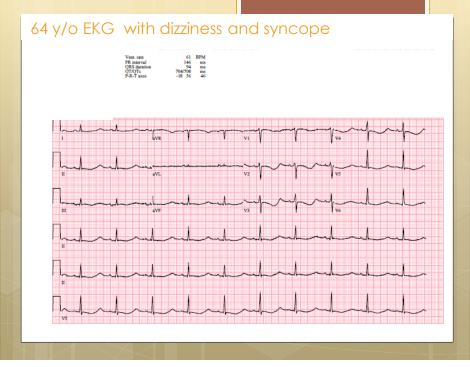




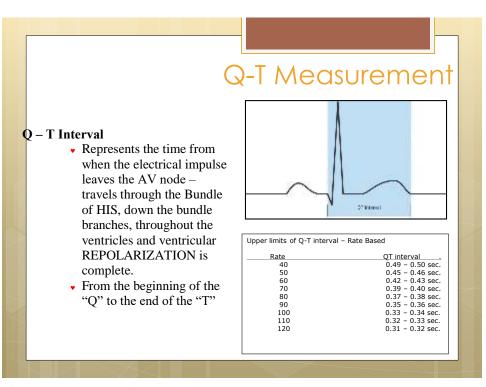


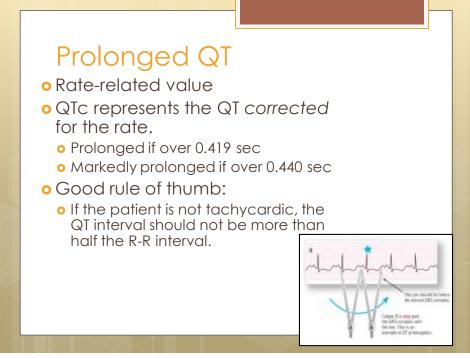


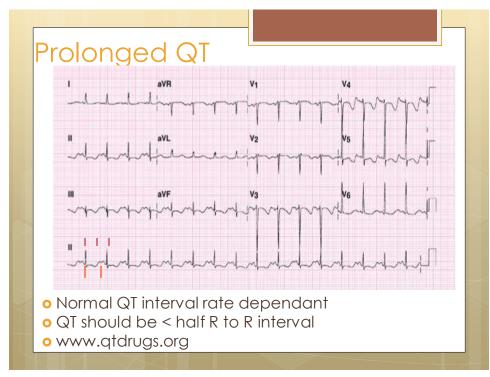


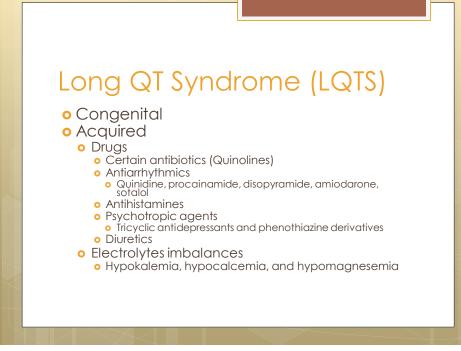












	Drog-Induced Long OT Syndronic
Table 1. Drugs implicated in drug-induced long QT syndrome.	
Category	Diugs
Antianthythmics	Disopytamide, procainamide, quinidine, metiletine, propafenone, flecainide, d3-sotalot, amiodarone, bretylium, doletilide, ibutilide, azimilide, ajmaline
Antimicrobials	Erythnunycin, darithromycin, azithromycin, levofloxacin, mozifloxacin, sparfloxacin, gatifloxacin, gregafloxacin, trimethopim-sulfamethoxazoie, pentamidine, quinine, itriseonazoie, ketoconazoie, flu- conazoie, chioroquine, halofantrine, mefloquine, amantadine, spiramycin
Antibistamines	Astemizole, diphenhydramine, ebistine, terlenadine, hydroxyzine
Antidepressants	Doxepin, vestafaxine, fluoxetine, desipramine, imipramine, clomipramine, paronetine, settaline, citalo- pram
Antipsychotics	Chiorpromazine, prochiorperazine, trifluoperazine, faphemazine, fefhumate, haloperidol, thioridazine, droperidol, mesoridazine, pimeride, tisperidone, quetiapine, ziprasidone, lithium, ehloral hydrate, pericy- cline, settimbole, wiltypride, mmeldine, maprotiline
Anti-migraine	Naratriptan, sumatriptan, zolmitriptan
Bronchodilators	Albeterol, salmeterol
Diaretics	Indupumide, thiazide, furosemide
Gastrointestinal stimulants	Cisspride, metsclopramide, domperidone
Hormones	Octreotide, vasopressin
Immunosuppressives	Tarrolimus
Others	Americ trioxide, aconitine, veratridine, vincamine, terodiline, budipine, tizatridine tiapride, cocaine, organophosphorus compounds

