### NURS 821 Vascular and Cardiac Disorders

Vascular Disorders Lecture 6, Part 3

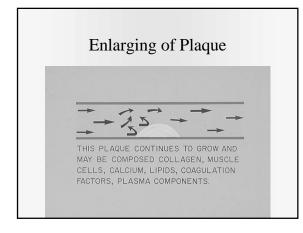
### **Arterial Disorders**

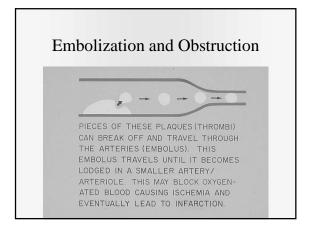
### **Atheromatous Process**

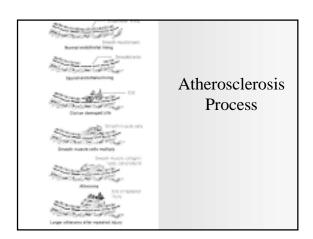
- Irritable focus
- Calcium vascular increase may relate to decreased bone density
- Progesterone prevents smooth muscle buildup inside CA

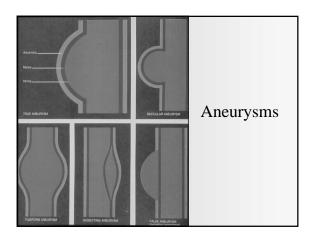
## Arterial Cross-section of Atheroma Initiation CROSS SECTION OF AN ARTERY AREA OF MECHANICAL STRESS CAUSED BY: STRESS, SMOKING, HYPERLIPIDEMIA, IMMUNE MECHANISMS.

# Plaque Disrupts Laminar Blood Flow THE SMALL PLAQUE DISRUPTS SMOOTH "NON-WETABLE" SURFACE OF ARTERY. THIS "ROUGH SPOT" GAUSES INCREASED TURBULENCE WITH RED BLOOD CELL HEMOLYSIS AND CLOT FORMATION.

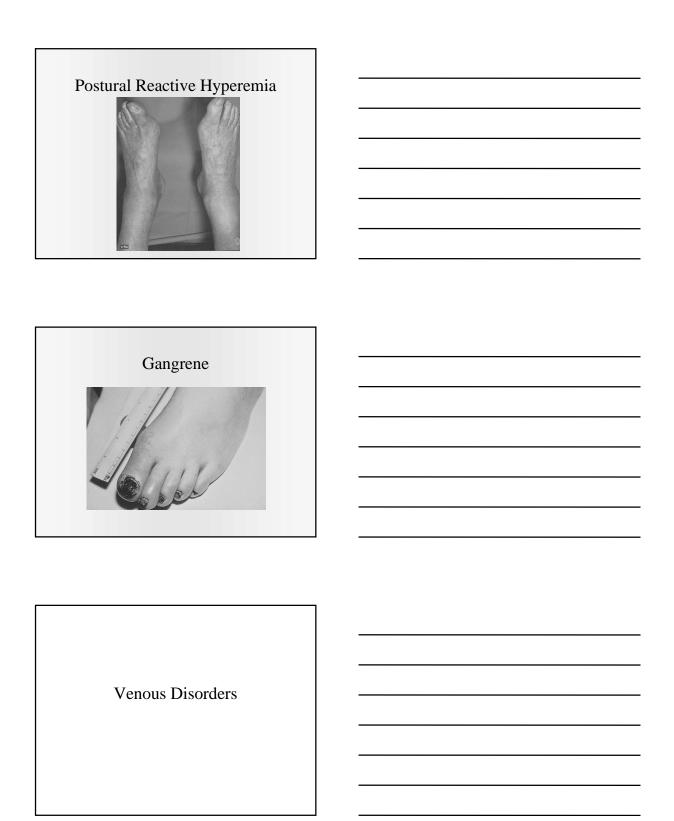


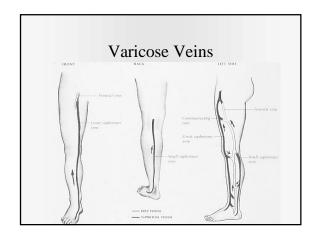


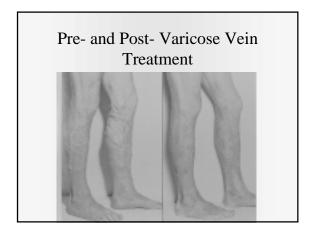




### Peripheral Arterial Occlusive Disease Peripheral Arterial Occlusive Pallor Due to Elevation







Venous Stasis

