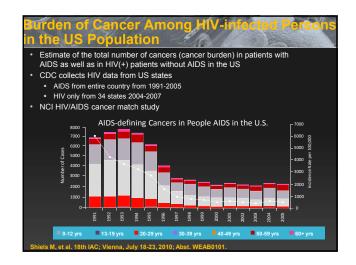
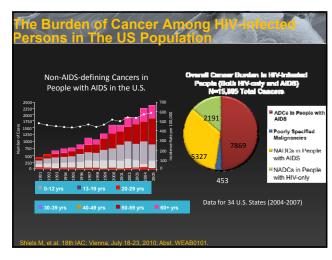
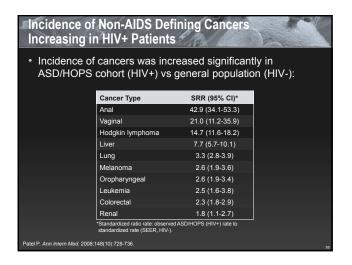


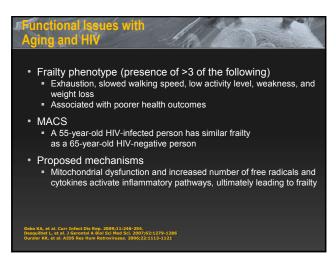
Focus on Non—AIDS-Defining Illnesses Renal disease Bone disease Cardiovascular disease (CVD) Neuropsychologic abnormalities Non—AIDS-defining malignancies

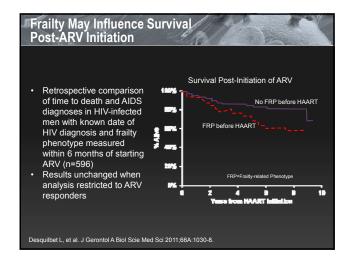
Cancer Pathogenesis The roots of the genesis of cancer lie in multiple mutations in proliferating cells, predominantly involving regulatory genes that affect cell cycling. These mutations may be provoked by chronic activation of the tissue response and here lies the potential contribution of chronic inflammation

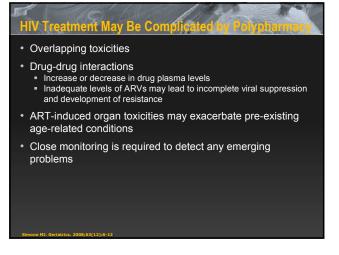












Screening in HIV Patients

- 1. Start ART earlier because older patients have slower CD4 recovery and more comorbidities
 - Any CD4 count.
- 2. Monitor and aggressively manage CVD risk factors
 - Smoking cessation; cocaine use; BP; lipids; BS and insulin resistance; weight gain; exercise; diet; stress; depression
 - Should we measure hsCRP; D-dimer; fibrinogen levels?
 - Should HIV be a part of the Framingham equation?

Screening in HIV Patients (cont d)

- 3. DXA scans and vitamin D levels
 - Should all patients with HIV over 40, over 50, have a dexascan? Most favor >50 years
 - What if there is at least 1 additional risk factor such as smoking, low BMI, white race, hypogonadism, steroid use, HCV, etc? Many favor DXA at any age in this group
 - What is the optimal vitamin D level? >30 ng/mL? >60 ng/mL?
 Most docs are replacing at <30 ng/mL and winging it
- 4. Monitor Serum Creatinine/GFR
 - UA dip for protein and glucose/spot Urine Pr/Cr ratio
 - Are these sufficient?

Screening in HIV Patients (cont.d)

- 5. Neurocognitive mini screens/Depression scores
 - Memory/Attention/Psychomotor speed/Construction
 - Need to eliminate the stigma of the Dx of HIV in the elderly
 - Work, retirement, remaining engaged with family and friends
- 6. Cancer Screening
 - All usual including vaginal PAP, breast exam and mammography, colonoscopy, DRE + PSA
 - Anal PAP ± HRA should be part of SOC
 - Cancer screening in HIV infected patients should be considered at an earlier age than in the general population

Conclusions

- Toxicity from HAART is substantial and may be exacerbated in older patients
- Drug-drug interactions are common
- Unclear what the "ideal" HIV regimen is for older patients
- High rates of comorbidities in older HIV patients
- General routine health maintenance and screening is important
- Future research is essential for developing accurate treatment recommendations in older patients

