

Case Presentation

May 15 2007

DW, 34 year old woman

- Presented in August 05 to CHC
- Referred from VJH post partum
- Diagnosed in pregnancy March 05
- Got AZT in pregnancy. Baby got AZT.
- Partner of 3 yrs tested HIV negative April 05
- 5 lifetime partners
- 4 children (2yo-11yo) all HIV negative

History cont'd

Social H/O: Works as a bartender

- Occasional alcohol
- Smokes 10 cigarettes/day

PMH:

- 1995 exploratory laparotomy for stab wound to abdomen
- Tubal ligation 2005
- Pap Smear June 05 normal

On examination

- Normal except:
- Skin: hypopigmented macular rash on chest ,back and left upper arm
- Abdomen: 5cm SP horizontal scar otherwise normal
- V/E: 2 papules and fleshy lesion on vulva
- Copious curdy and frothy discharge
- Cervix, adnexae and uterus normal

Diagnosis

- Newly diagnosed HIV with mild symptoms
- Vaginal candidiasis
- Bacterial vaginosis
- Genital warts
- Pityriasis versicolor

Treatment: Clotrimazole cream and pessaries, metronidazole and podophyllin painting

Review visits

- Skin rash, vaginal discharge and warts resolved on review visit Sept.05
- Next visit Dec 05 when she presented with a small laceration to her foot allegedly inflicted by boyfriend
- Weight 156lbs

Investigations

- Results obtained on Dec visit done Sept
- Hgb. 13.0 WBC 4.0 platelets 207
- N- 42.3% L- 49.6 % Mono/Eos- 8.1 %
- CD4 count 425 %-29 ratio 0.42
- Advised and given multivitamin
- Referred social worker re domestic violence

Review visits

- Weight 159lbs Feb. 06 BP 100/60
- Weight 163 lbs Mar. 06, BP 110/70 1-3cm firm R upper cervical, bilateral submandibular, submental and axillary LN noted on routine examination
- Dental plaque build up.
- Other exam. normal.
- TRUST nonreactive
- Refer dentist and to do HTLV I/II

Investigations

- Results obtained on June 06 visit done Feb. and Mar. 06
- CD4 count 442 %-63 ratio 0.52
- HTLV I/II positive
- HepBsAg negative
- CMV IgG positive, IgM negative
- VL pending (done Mar 06)

Review visits

- June 06 seen by adherence counselor – importance of visits, healthy living, condoms discussed
- July 06 VL still pending- advised to stop smoking, referred to CI as new partner in last 4 months – self reports always uses condom
- Nov 06 VL still pending (repeated)
- Jan 07 “ “ LN as before. RS- mildly decreased BS in R apex – refer CXR, Pap, TRUST nonreactive

Review visits

- May 07 Increased hunger and thirst, urinary frequency normal ,urinalysis normal except moderate ketones

To do liver function tests, fasting glucose, lipids

Investigations

- Results obtained on May 07 visit done
 - Mar. 06 – VL 44300 copies/ml
 - Nov. 06 - VL 21700 “ “
CD4 count 471 %-56 ratio 0.68
 - Feb. 07 - VL 21700 “ “

Summary

- 34 yo woman with HIV and HTLV I/II
- Weight gain
- CD4 471, VL 21700

Questions:

- Does this CD4 level reflect relative immunocompetent PLHIV or is it “raised” due to HTLV I/II ?
- Should she start on ARVs?
- What next?

