

HIV in Pregnancy

Presenter : Dr. Shameem K.

Designation : Fellow, HRP and Perinatology

Hospital : Fernandez Hospital, Hyderabad

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Case Details

- Mrs. S, 23 yrs , G2 A1
- 2nd marriage in 2008
- HIV (+) since 2006
- Concordant couple,
- Husband on HAART

History

- **Past obstetric history:**
 - TOP at 12 weeks
 - SERPC in 2002
- **No significant medical, surgical and allergy history**
- **No significant family history**

History (contd.)

- **Present pregnancy: spontaneous conception**
 - **LMP: 4.11.2008**
 - **EDD: 11.8.2009**

**Registered at 18 wks, previous ANC
at Janani Hospital**

- **Regular ANC follow-up**
- **BMI 22 , 11 kg wt gain, Normotensive**

Investigations

On 9 / 3 / 09

- Hb - 8.1 gm%
- VDRL – Negative
- Anti HCV – Negative
- HBsAg - Negative
- RBS - 95 mg%
- CUE - Normal

Investigations

On 26 / 4 / 09

- TSH - 2.42
- Urine c/s - sterile
- GCT - 80 mg%

Investigations

March 2009

absolute CD₄ count - 310 / μ l

April 2009

absolute CD₃ count – 1852 / μ l (898 - 2786)

CD₄ % of CD₃ - 14.2 (20 - 45%)

absolute CD₄ count - 263 / μ l (424 - 1050)

Investigations (April 2009)

- **LFT - normal**
- **Hb - 10.9 gm%, WBC - 7400**
- **Platelet - 1.9**
- **Blood urea - 22**
- **S. creatinine - 0.8**

Treatment

- From 2.5.09 - HAART
 - Tab Cytocom - 1 tab BD
(lamivudin 150 mg, zidovudin - 300 mg,
nevirapine- 200 mg)
- Well tolerated

Maternal Monitoring

- LFT / CBC every 4 weeks

On 1 / 7 / 09

- LFT - Normal
- HB - 8.5 gm%
- S. creatinine - 0.7
- PLBS - 120mg%

Investigations (contd.)

On 16 / 7 / 09

Hb - 8.9 gm%

Iron def. or zidovudin induced

Given therapeutic oral Iron

On 21 / 7 / 09

Hb - 9.8 gm%

Fetal Monitoring

TIFFA at 22 weeks on 7 / 4 / 09

Normal study

Placenta – anterior

Liquor - adequate

Cx length - 3.20 cm

Serial Scans

10 / 6 / 09 at 31+¹ wks

Good interval growth

EFW - 1.410 Kgs

AFI - 15 cm

Serial Scans

1 / 7 / 09

AGA - 34+¹

EFW - 1.849 Kg

AFI - 8 cm

Delivery Details

- Admitted on 27.7.09 for Elective LSCS
- Preop. Inj. Metoclopramide and Inj Ranitidine
with Tab Cytocom N
- Epidural + spinal
- Live healthy girl, 2.40 kg, Apgar -8/9/9

Intraop blood loss – 1 ltr.

Post-op Period

- Epidural analgesia continued
- Hb – 6.6 gm %
- I.V inj cephazolin 1 gm 12th hrly followed by Tab Cephalexin 750 mg BD for 5 days
- Tab. Cytocom N BD
- Tab. Cabergoline for breast feeding suppression

Neonatal Prophylaxis

- Baby received Syr. Nevirapine 0.5 mg stat and Syr. Zidovudine 0.5 mg BD for 1 wk
- Syr. Septran from 6 wks onwards
- Pt. discharged on 30 / 07 / 09

Discharge Advice

- **Advised haematinics and high protein diet for anaemia**
- **Follow up in OPD after 2 weeks with repeat Hb**