

Sjogren's Syndrome and Distal Renal Tubular Acidosis

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Case

- Mrs S, 26 years, R/o IDPL
- Homemaker
- W/o Mr M
- G3P1L1A1

Menstrual History

- Regular
- 3-4 / 30 days
- LMP: 20-12-2010
- EDD: 27-9-2011
- Period of gestation: 12 wks

Obstetric History

- **G3P1L1A1**
- **I – FTVD, Female, 2.5kg, June 2003**
- **II – TOP at 2 mon, 2008**
- **III – Present Pregnancy, Spontaneous conception,
UPT(urine pregnancy test)+ve on 9-3-11**

Medical History

- H/o weakness in both lower limbs and severe low back ache – April – May 2010
- H/o dryness of mouth
- Evaluated at NIMS
- Hypokalemia, Hypocalcemia, Hypophosphatemia, Metabolic acidosis – Distal Renal Tubular Acidosis
- Minor Salivary gland and upper lip biopsy – Lymphoepithelial sialadenitis s/o Sjogren's syndrome

Treatment History

- **Wysolone 40 mg OD**
 - **Sodamint (Sodium Bicarbonate)**
 - **Potrate (Potassium Citrate)**
 - **Rocaltrol (Calcitriol)**
- **Once patient diagnosed pregnancy by UPT, stopped steroids on her own**

Clinical Examination

- **Conscious, Co-operative, oriented**
- **No pallor /icterus /edema**
- **No rashes**
- **Pulse- 80bpm, regular, good volume, all peripheral pulses felt**
- **BP – 110/80mm Hg in right arm in sitting position**
- **RR- 18/min**

Clinical Examination

- **RS – Bilateral air entry equal on both sides, No adventitious sounds heard**
- **CVS – S1,S2 heard, No murmurs**
- **CNS – NAD**
- **P/A – soft, uterus not palpable, no organomegaly, no free fluid, BS+**

Latest Investigations

- Hb – 13g/dL
- PCV – 40%
- WBC – 9300/Cmm
- DC – N70 L25 M5
- Platelets – 2.2 Lakh/Cmm
- CUE – NAD
- Na⁺ - 140mmol/l
- K⁺ - 3.5meq/l
- Cl⁻ - 107meq/l
- HCO₃ – 17meq/l
- Ca⁺ - 7.6mg/dL
- P⁻ - 2.3mmol/l
- S.Creat – 0.9mg/dL
- B.Urea – 14mg/dL
- S. Uric Acid – 2.4mg/dL
- SGOT – 13u/l
- SGPT – 13u/l
- ALP – 440u/l
- T. Bilirubin – 0.3mg/dL

Investigations and Diagnosis

- **Scan showed single live intrauterine fetus corresponding to 7 weeks of gestation**

- **G3P1L1A1 with 7 weeks gestation, with Sjogren's syndrome and Distal renal tubular acidosis**