

# Clinical Case Presentation

Dr.C.Tejaswi

1<sup>st</sup> yr PG

Transfusion Medicine Dept

A 22 year old female admitted in general medicine ward on 8/2/2016 at 11.30pm with the c/o fever since 3 days associated with chills and rigor.

Rash all over the body since 24hrs.

Vomitings and abdominal distension since 12hours.

## **Past history**

History of abortions are present.

1<sup>st</sup> abortion (spontaneous abortion )at 3months of gestational age,.

2<sup>nd</sup> Medical termination of pregnancy at 6months of gestational age, induced due to bony deformity in fetus.

3<sup>rd</sup> Medical termination of pregnancy at 5months of gestational age, induced on 30/1/2016 due to fetal congenital anomaly.

Personal history - takes mixed diet

Bowel and bladder - Normal.

Menstrual history - 5/28, cycles regular

Marital history - 6 yrs of married life.

H/O Oral contraceptives usage present.

Nonconsanguinous marriage.

Husbands blood group is O Rh D positive.

## General examination

patient is conscious coherent and oriented.

Temp – 99° F

Pulse rate - 92 bpm

Pallor - present.

Petechiae present all over the body except on face, palms and soles.

# Investigations done

8/2/2016

COMPLETE BLOOD PICTURE

Hb - 8.9gm%

TLC - 3000cells/cu.mm

Platelet count - 16,000/cu.mm

Peripheral smear - Normocytic

Normochromic

Blood group : O Rh D Positive

Test for HIV, HBsAg, HCV, Dengue fever  
and Malaria – Negative

Bleeding time – 2 mins

Clotting time – 3 mins 30 sec

Prothrombin time – 16 sec

aPTT - 32sec

INR - 1.2

RBS - 93mg/dl

ESR - 60mm

CUE - Normal

Renal function tests - Normal

USG abdomen -bilateral minimum to moderate  
pleural effusion(Rt>Lt)  
moderate ascites  
mild hepatomegaly



# Bilateral Pleural effusion



# Mild hepatomegaly



## Liver Function Tests

Total bilirubin	- 2.2mg/dl
Direct bilirubin	- 0.41mg/dl
SGOT	- 181 IU/lit
SGPT	- 77 IU/lit
Total protein	- 5.8gm/dl
Albumin	- 3.2gm/dl
A/G ratio	- 1.23

**Diagnosis** - ?viral pyrexia with thrombocytopenia  
?septic shock

Patient was discharged on 6<sup>th</sup> day with the

**Following advice :**

- Antiphospholipid antibody
- Antinuclear antibody
- antiDNAase antibody
- TORCH profile
- Parenteral karyotyping

**TREATMENT GIVEN**

Inj.TAXIM 1gm IV BD

Inj.METROGYL 10mg IV BD

Inj.PANTOP 40mg IV OD

# TRANSFUSION SUPPORT

8/2/16

Initial platelet count - 16,000/cu.mm

9/2/16

1 unit of SDP given.

Starting time - 5.30am

Ending time - 6.30am

At 12.40pm, platelet count - 72,000/cu.mm

(SDP= SINGLE DONOR PLATELETS)

At 4.00pm, 2nd unit of SDP given.

Starting time - 4.00pm

Ending time - 5.00pm

10/2/16

Platelet count - 1.5 lakh/cu.mm

Direct coombs test and indirect coombs test are negative.

# APHERESIS EQUIPMENT – HAEMONETICS MCS+



**Thank you**