

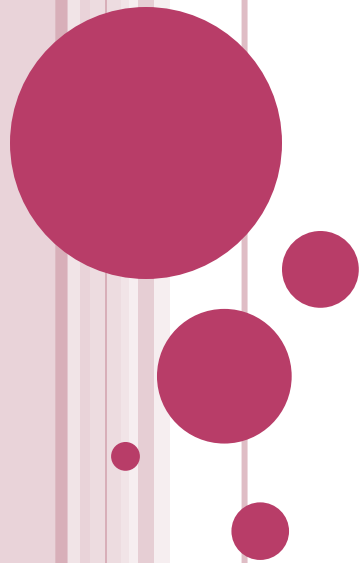
MASSIVE TRANSFUSION CASES

Presentation By:

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2nd yr pg

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MASSIVE TRANSFUSION CASE NO -1



- Name : xxx
- Age : 28, Sex : Female
- Ward : OBG /GS II
- I.P NO : 20130920739/ 201326177
- DOA – 14/9/13
- Blood group – O positive

- Complaints : primigravida , with history of 7 months of amenorrhea presented with complaints of loss of consciousness for a period of 10 min.

- Associated with distention & discomfort of the abdomen with 1 episode of vomiting



USG – IUD 28 weeks with free fluid with splenic aneurysm.

- At the time of admission vitals were – B.P : 60/30 mmhg
P.R : 144/min
- Diagnosis : primigravida with IUD, splenomegaly with bleeding
splenic aneurysm rupture??

OPERATIVE FINDINGS:

On 15/9/13 exploratory laprotomy + splenectomy + hysterotomy + retrieval of dead fetus done

Findings: massive hemoperitoneum – around 4 litres suctioned out, dead fetus found.



INVESTIGATIONS

15/9/13

- HB – 5.7g/dl
- TLC – 18,900/cumm
- Platelet count – 82,000/cumm
- APTT – 40 sec
- PT – 25 sec
- INR – 1.9
- BT – 2 min
- CT – 4 min
- D-dimer – 600ng/ml
- Paracentesis done - frank blood +



- Intraoperatively - 5 units of PRBC
4 units of FFP transfused

- Post operatively – 3 units of FFP
2 units of PRBC transfused
1 SDP given

- **FFP'S – 7**
- **PRBC – 7**
- **SDP – 1**



16/09/13

- Hb – 7.7g/dl
- TLC – 19,000/cumm
- Platelet count – 79,000/cumm
- APTT – 31 sec
- PT – 16sec
- INR – 1.1
- D- Dimer – 1600ng/ml
- LFT – T.P & Albumin – decreased
- Serum electrolytes – decreased
- P.B.S – Neutrophilic leucocytosis with thrombocytopenia
- CXR – Rt & Lt Pleural effusion & Right side consolidation.
- Serosanguinous fluid from both drains

- **2 units of SDP given**
- **1 unit of FFP**
- **2 units of WB**



17/9/13

- HB – 8.3 g/l
- TLC – 16,000/cu.mm
- APTT – 32 sec
- PT – 14 sec
- INR – 1.0
- BT – 2 min
- CT – 4 min

- 1 unit SDP given

- Platelet count repeat – 2.2 lakhs/cumm



18/9/13

- HB – 10.6 g/dl
- TLC – 19,000/cumm
- Platelet count – 2.7 lakhs/cumm

19/9/13

- Hb – 10.8 g/dl
- TLC – 19,600/cumm
- Platelet count – 2.7 lakhs/cumm



20/09/13

- Chest x-ray – No P.E
No pneumothorax

21/09/13

- Patient was weaned off from ventilation



22/09/13

- Hb – 10.8g/dl
- TLC – 19,000/cu.mm
- Platelet count – 1.6 lakhs/cu.mm
- APTT – 38 secs
- PT – 20 secs
- CT – 4 min 30sec
- BT – 2min 30 sec



TOTAL NO. OF TRANSFUSIONS GIVEN

	Whole blood	FFP	PRBC	SDP	Total per 24hrs
15/9/13	-	7	7	1	15
16/9/13	2	1	-	2	5
17/9/13	-	-	-	1	1
TOTAL	2	8	7	4	21



MASSIVE

● TRANSFUSION CASE-2

- Name : xxx;
- Age : 25
- Sex : Female
- Ward : OBG II
- I.P NO : 201407562/ 20140315729
- DOA – 11/3/14
- Blood group – B positive

- Complaints: G2 P1 L1 with 9 months amenorrhea referred from other hospital in view of placenta previa admitted for safe delivery.

- History of LSCS 3 years 10 months back



- USG – single live intrauterine fetus of 37-38 weeks noticed. central placenta previa , anterior, covering the os , FHR present
- Diagnosis : G2P1L1 with 37weeks of GA with previous LSCS grade 4 placenta previa posted for emergency LSCS.



11/3/14

- HB – 9.3g/dl
- TLC – 13,700/cumm
- Platelet count – 1.8lakhs/cumm
- APTT – 30 sec
- PT – 14 sec
- BT – 2 min
- CT – 4 min
- Total protein - 6.3g/dl
- Sr.Albumin -2.8g/dl



12/3/14

- HB – 10.9 g/dl
- TLC – 16,000/cumm
- Platelet count – 1.0 lakhs/cumm
- APTT – 33 sec
- PT – 16 sec
- INR – 1.1
- BT – 2 min
- CT – 4 min



12/3/14

- Delivered an alive baby of weight 2.9kg by LSCS
- Blood loss 2000- 2500cc, patient was bleeding continuously
- Patient went on to mechanical ventilation
- B.P - 60/40 mm Hg
- 1000ml normal saline
- Haemocel-1 unit
- 1 PRBC from central line was transfused

- TOTAL ABDOMINAL HYSTRECTOMY was done due to atonic PPH
- **2 units FFP'S transfused**
- **2 units of PRBC transfused**
- **1 unit of Whole blood was transfused**



13/3/14

- Hb – 11.4g/dl
- Platelet count – 1 lakh/cumm
- APTT – 31 sec
- PT – 16sec
- CUE-
Pus cells - 6-8/ hpf

- **6 units of FFP transfused**
- **8 units of PRBC transfused**



15/03/14:

- Patients condition - good
- Vital signs – stable
- Wound healthy
- No active bleeding
- Platelet count – 1.15 lakhs/cumm

25/03/14:

- Patient discharged.



TOTAL NO.OF TRANSFUSIONS GIVEN

Date	Whole blood	FFP	PRBC	SDP	Total per 24hrs
12/3/14	1	2	2	-	5
13/3/14	-	6	8	-	14
TOTAL	1	8	10	-	19



THANK YOU

