

Severe Trauma – motor bike

193 blood products in 9 hours

Transitioned O Neg to O Pos

Theatre, Angio, Theatre, Redo

Dilutional cytopenia's

Coagulopathy at presentation

Acidosis

Lactate remains over 10

Alfred journey ended approx. 10:00 hrs

P: 26M

Please see ED note for 1+2 survey. MTP activated; 4units PRBC+3L crystalloid pre-hospital. Proceeded to trauma laparotomy with splenectomy, L nephrectomy; decision not to proceed with ICPm given coagulopathic. Proceeded to angio suite postop due to ongoing bleeding

Known injuries:

Abdo:

- GrV L kidney injury
- GrV splenic injury
- Liver lac (segment 3)
- Gastric laceration with intraabdominal contamination
- TC serosal tear
- L adrenal haemorrhage

Neck:

- R ICA occlusion
- L ICA Gr 1 BCVI

Chest:

- Mediastinal haematoma
- Bilateral haemopneumothoraces (ICC bilaterally)
- Scattered bilateral pneumatoceles and pulmonary contusions
- Traumatic hiatus hernia with pneumomediastinum
- L 1 10 rib fractures (9th comminuted) | R 5 rib fracture
- Sternal buckle fracture

Spine:

- L occipital condyle fracture - undisplaced
- L T2-5 TP fracture - displaced + R T3 TP fracture - undisplaced

monkey bike accident
wearing helmet
collision with pole

time of accident 2120hrs approx
gcs 8 @ scene
low BP
intubated
PEA arrest
CPR 5mins
bilateral finger thoracostomy
ROSC + adrenaline infusion
left pupil dilated non responsive
tense abdomen, increasing in size
4 units PRBC + 3L crystalloids with AV
ongoing low BP on arrival

Haematology	06-12-2019 09:35	06-12-2019 09:02	06-12-2019 07:11	06-12-2019 06:54	06-12-2019 04:06	06-12-2019 03:06	06-12-2019 00:26
FBE							
Hb	101	105	70	73	71	82	68
WBC	3.07	1.79	1.58	1.60	5.89	11.28	6.63
Platelets	25	71	67	39	240	191	46
Hct	0.31	0.31	0.20	0.21	0.22	0.26	0.21
MCV	95	91	92	94	96	98	98
MCH	30.8	30.8	31.4	31.6	31.0	30.6	31.1
MCHC	325	337	341	338	321	313	319
RBC	3.28	3.42	2.21	2.29	2.28	2.69	2.20
RDW	16.0	14.9	14.1	14.7	16.2	15.1	14.5
Neutrophils	1.88	1.33	1.22	1.24	3.83	7.07	3.63
Lymphocytes	0.98	0.39	0.29	0.28	1.89	3.67	2.52
Monocytes	0.17	0.05	0.05	0.06	0.08	0.29	0.34
Eosinophils	0.03	0.02	0.01	0.01	0.07	0.16	0.09
Basophils	0.01	0.01	0.01	0.01	0.02	0.10	0.05
Morphology			* Comment				* Comment
FBE Phone Comment							* Phoned Comm
Coagulation							
Anticoagulant?	Not Specified	None	None	None	Intra-Op	Intra-Op	None
INR	1.7	1.6	1.6	1.7	1.7	2.3	2.9
PT	22.0	20.9	21.4	21.5	21.6	29.2	36.7
APTT	* 187.3	* 57.4	* 81.5	* 61.4	* 103.7	* 198.6	* 282.4
Fibrinogen Level	1.6	1.6	2.1	2.0	2.1	1.4	0.8
TCT	18.6	18.8	21.0	20.4	21.9	26.6	23.4
Coag Phone Comment					* Phoned Comm	* Phoned Comm	* Phoned Comm
D-Dimer							* 23.86
Comments :Post trauma FBE. Counts confirmed on blood film.							

Biochemistry	06-12-2019 09:35	06-12-2019 09:33	06-12-2019 09:11	06-12-2019 08:45	06-12-2019 07:39
Routine Biochem					
Sodium	150				
Potassium	* 6.7				
Chloride	108				
Bicarbonate	13				
Urea	3.2				
Creatinine	89				
eGFR	>90				
Glucose Level					
Calcium					
Calcium Corrected					
Magnesium Level					
Phosphate Level					
Lactate					
Blood gas					
Source		Arterial	Arterial	Arterial	Arterial
pH	6.85	7.11	7.11	7.11	7.11
pCO2	75	46	50	53	53
pO2	40	33	50	74	74
Base Excess	-21	-14	-14	-12	-12
Bicarb Calculated	13	14	16	17	17
O2 Sat	65	67	84	93	93
Total Hb	110	102	109	90	90
Carboxy-Hb	0.8	0.2	0.2	0.3	0.3
Met-Hb	0	0	0	0	0
Sodium Direct	145	145	146	149	149
Potassium Direct	6.7	5.9	4.7	5.0	5.0
Chloride Direct	107	108	106	107	107
Glucose (BG)	10.9	7.9	7.4	6.9	6.9
Lactate (BG)	13.1	11.0	9.6	11.6	11.6
Calcium Ionised	0.59	0.80	1.06	1.08	1.08

Blood Bank Overview				
Blood Group	O NEG			
Antibodies	No antibodies on file			
Transfusion Requirements	No transfusion requirements on file			
Patient Phenotype	No phenotype on file			
Specimen Availability	No Current Specimen Available			
Product Availability				
Product Number	Product Name	Product Group	Qty	Date/Time
▶ Assigned (0)				
▶ Crossmatched (0)				
▶ Dispensed (0)				
▲ Transfused (Last 3 Months) (193)				
3056460	Platelets Pooled Irradiat	O NEG		06/12/2019 10:35
3298356	Red Cells LD	O POS		06/12/2019 10:25
3333560	Red Cells LD	O POS		06/12/2019 10:25
3368380	Red Cells LD	O POS		06/12/2019 10:25
3372114	Red Cells LD	O POS		06/12/2019 10:25
3372124	Red Cells LD	O POS		06/12/2019 10:25
3301418	Thawed FFP	O POS		06/12/2019 10:18
3315123	Thawed FFP	O NEG		06/12/2019 10:18