


Jolo Mass Casualty
 Griffin Elzey, P/J/SOF Paramedic
 May 10, 2019

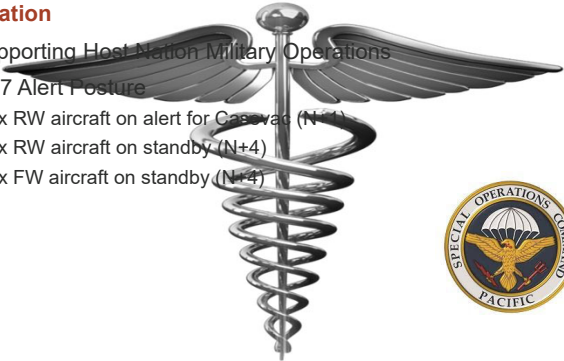
Overview

- Situation
- Mission
- Capabilities
- Triage
- Patient Breakdowns
- Debrief Points



Situation

- Supporting Host Nation Military Operations
- 24/7 Alert Posture
 - 1 x RW aircraft on alert for Casvac (N+4)
 - 1 x RW aircraft on standby (N+4)
 - 1 x FW aircraft on standby (N+4)



Capabilities

- Former SOF Paramedics
- TCCC trained
- ACLS
- PHTLS
- PALS
- Hoist capable RW
- Whole blood
- Medical direction (24/7 call center)



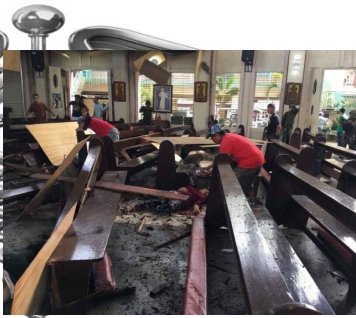
Mission

- Provide fixed and rotary casevac/medivac capability to deployed American/Philippine troops and civilians



Jolo Bombing
27 Jan 2019 08:28

- IED ~~was~~ detonated during church service
- Second blast detonated in parking lot with arrival of first responders
- Initial reports for dozens wounded/killed



Mission Drop

- 0838 Phone call advising us of situation
- 0901 Launches were granted
- 0910 Helo 1 Launches for triage
- 0945 Enter hospital initiate patient triage



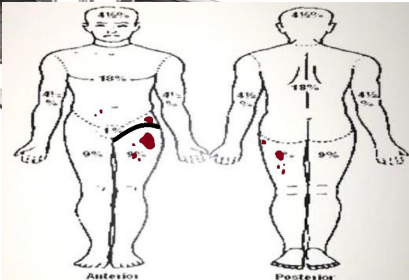
Triage

- Arrive to small emergency room on island of Jolo, 11 mile from Church
- Lead doctor reports 16 People in hospital bay, one expectanting, no critical
- 15 Alert and seemingly well save
- 1 patient doctor is standing near, intubated, bagged, pallid, naked blood puddle
- Upon request for most critical pt, Dr. directed me to routine pt (because civilians were not allowed in mil hospital)
- Keyed into Dr's error
- Begin treating Pt.1



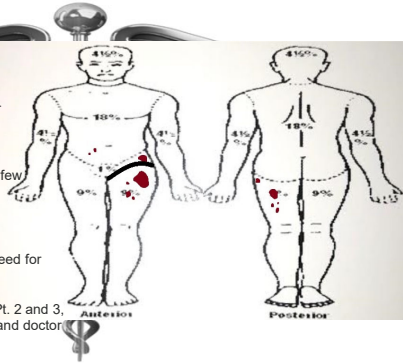
Patient 1 Upon Arrival

- M:** Blast
- I:** Multiple LL/LU leg shrapnel
RLQ shrapnel wound
- S:** Mentation: Unconscious/Unresponsive
HR: Extremely fast, forgot exact value
BP: Barely Palpable Carotid
RR: Bagged RR of 10
ETCO2 Low 20's
Pallid and cool to the touch
- T:** TO@0900
ET Tube
Left/Right arm IV



Patient 1 Treatment

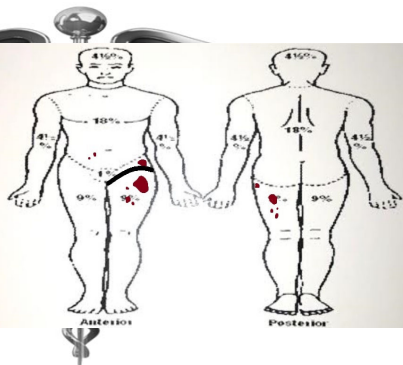
- Clear blood/blood sweep
- Slow active range of motion, lighten TQ
- Call for blankets, blood, blood warmer
- Administer 1G TXA
- Pack wound while waiting, cover with few available blankets
- Administer first unit of blood
- Express to doctor priority of patient, need for blankets



* Medics were then called to evacuate Pt. 2 and 3. Pt. 1 left with TCCC trained non-medical and doctor.

Patient 2

- M:**
Blast
- I:**
Right below knee partial amputation
Shrapnel to Right Upper Arm
- S:**
Mentation: AOx4
HR: 140
Strong Radial
Moderate pain before ketamine
- T:**
TQ APPX 0900
2xIV, L&R Forearm
1 unit of whole blood
2 L NS
1G ABX
25mg ketamine

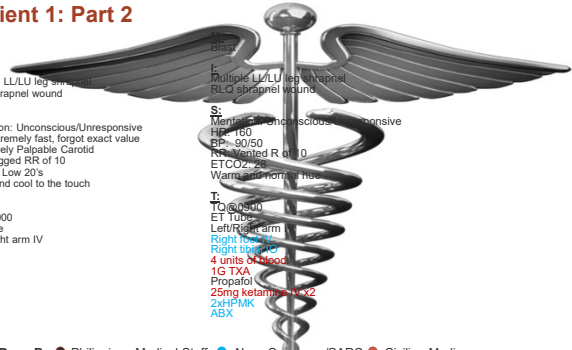


**Patient 3
(Handoff to Helo 2)**

- M:**
Blast
- I:**
30% partial thickness burns to face, neck, arms, lower abd.
- S:**
Mentation: A&O
HR: 98
BP: Strong radial pulse
SPO2: 100% on room air
- T:**
All burns dressed w/ dry, sterile dressing
IO L leg
25mg ketamine IO



Patient 1: Part 2



M: Blast

I: Multiple L/LU leg shrapnel
RLQ shrapnel wound

S: Mentation: Unconscious/Unresponsive
HR: Extremely fast, forgot exact value
BP: Barely Palpable Carotid
RR: Bagged RR of 10
ETCO2: Low 20's
Pallid and cool to the touch

T: TO@0900
ET Tube
Left/Right arm
Right/Left leg
4 units O blood
1G TXA
Propofol
25mg ketamine IV x2
2xHP/MK
ABX

Tx Done By: Philippines Medical Staff Navy Corpsman/SARC Civilian Medics

Patient Breakdown		Injuries	
Aircraft			Trip 2
Helicopter 1	Pt 2 Right below knee partial amputation Shrapnel to Right Upper Arm	Pt 1 Multiple shrapnel wounds to abdomen (RLQ), upper and lower Left Leg Shrapnel.	
Helicopter 2	Pt 3 30% partial thickness burns to face, neck, arms, lower abd	Pt 4 Multiple shrapnel wounds to neck, abd, L leg, both feet, R arm Pt 5 TBI, possible skull fx R side, minor shrapnel wound R arm and foot	
Fixed Wing	Pt6 Lower leg laceration Pt7 R Arm fx, R+L Leg deformity Pt8 R Arm fx Pt9 Head laceration, right ankle wound		

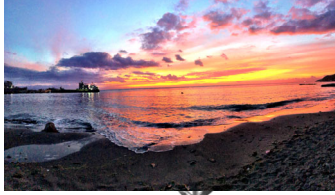
Outcome

- 20 Dead
- 102 Injured
- 9 Pickups via American aircraft
- Patient 1 Confirmed alive 30 days post blast
- Death toll did not rise



Debrief Points

- Expectations VS Outcomes
- HALO Effect (Halo influence judgement)
- TCCC For non-medics w/ proximity to potential operations



Acknowledgements

- Navy Corpsman/Special Amphibious Reconnaissance Corpsman (SARC)
- Philippine Army Medics
- Vighter Medical Group



VIGHTER

Questions/Comments

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