

# XXVI IFSO

## Napoli 2023

LECTURE IN HONOUR

**PROF NICOLA SCOPINARO**

**FATHER OF BARIATRIC SURGERY**

**INOVATOR, SCHOLAR AND TEACHER**



# XXVI IFSO

## HEALING THE WORLD BEYOND BORDERS Humanitarian Surgery

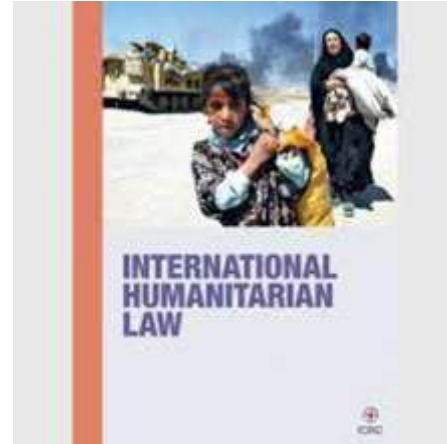
PAUL McMASTER



# HUMANITARIAN CONCEPT



**BATTLE SOLFERINO 1859**



**HENRI  
DUNANT**



- **GENEVA CONVENTIONS**
- **HELSINKI CONVENTIONS**
- **UN RESOLUTIONS - R2P**

# HUMANITARIAN MEDICINE

COMMUNITIES IN CRISIS....

GOAL - 'TO SAVE LIFE ..... RELIEVE SUFFERING'

- WAR /CONFLICT
- NATURAL DISASTERS
- MEDICAL EMERGENCY



Al Shifa, Gaza, Palestinian Territories

# CONFLICT / WAR



UKRAINE 22/23



## MEDICAL EVACUATION CASUALTY TRAINS





**CIVILIANS    ESCAPE**

**‘CASUALTIES’ OF  
CONFLICT**



# WARS TODAY

Fewer wars *between* countries (Ukraine 'unusual')

**Internal** Displaced People - 53.2 + Mill

**Refugees** - 32.5 + Mill (UNHCR 2022)



## MEDICAL CHALLENGES

### OVERWHELM MEDICAL SERVICES

**MASS CASUALTIES**

**TRIAGE**

**WHO WILL BENEFIT ?**



SYRIA..... EARLY DAYS

# SYRIA



## ANAESTHESIA UNDERGROUND







# Anaesthesia

## Patient Stability ?

- Blood loss - *Temp drop*
- Build up *Acidosis*
- *Coagulopathy* develop

**DAMAGE LIMITATION SURGERY**  
**< 90 Min Operation**



# Damage limitation surgery

## Abdominal compartment syndrome

- Abdominal perfusion Pressure (APP)
- Mean Art pressure (MAP) –Intra abdominal pressure(IAP)

$$APP = MAP - IAP$$

> 60mm Hg

Abdominal Compartment Syndrome





# FRONTIERES ?



**“ SO WHAT IS IT LIKE IN CONFLICT AND DISASTER ? ”**



**60% WOUNDS      MSF > 24 HRS**



## Special Needs Groups



# EPIDEMICS - EBOLA / CHOLERA



Ebola - Monrovia, Liberia

**WEST AFRICA 2017/ 2018**

# NATURAL DISASTERS



# EARTH QUAKES



**HAITI JAN 2010**



- Burns
- Trauma
- Emerg O and G
- Children
- Abdo wounds
- Head injury
- Thoracic injury

## PHASE 1

- No x-ray
- No blood transfusion
- Evacuations – to where?





**PHASE 2   Plastics – ortho- ??**

# Global Burden Surgical

- Essential Surgical Care
  - 2 Bill world pop lack any access
  - 33% World pop 3.5 % all surgery ( Weiser 2014)
- This may result
  - Death and Family Economic disaster
  - Life threatening complications
  - Infection chronic wounds
  - Chronic Pain and Disability
  - Unemployable





Thank you..... for making it possible



## HUMANITARIAN SURGERY

### PEOPLE IN CRISIS

