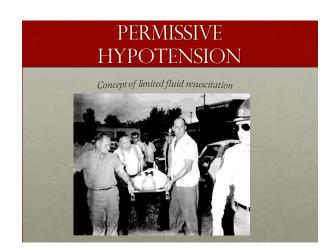


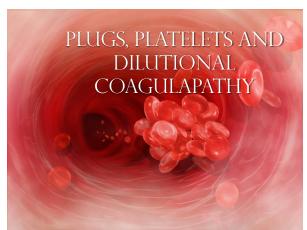
PERMISSIVE HYPOTENSION

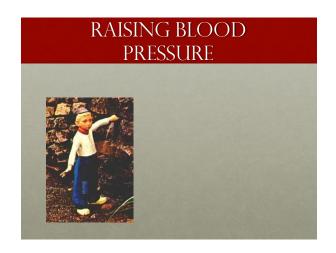
Please mark my word. Within no less than 10 years, probably even less than 5 years, any [one] that raises the blood pressure to higher than 3/4 the pre injury level, especially if using crystalloid solutions will be severely criticized as violating one of the indicators, whether the injury be penetrating, blunt, elderly, child, or one's own self or family. Also mark this down on this date. The final target for a prehospital or EC measured BP will be that greater than 80 SYSTOLIC will be the level that the QA moral police will cite that those of you who believe in two large bore IVs, Rapid infusors, interosseous and sternal infursors, the 3 to 1 rule, and cyclic hyper resuscitation as causing unnecessary complications, deaths, and costs.

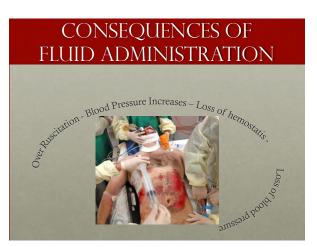
Ken Mattox. Trauma. Org Trauma-List, 30th August 2002











WHERE'S THE BEEF?

- ➤ Patients:
 - 598 penetrating torso trauma
 - •SBP < 90
- >Assignment:
 - Standard fluid therapy (Immediate)
 - No fluid until OR (Delayed)

BICKELL, WALL, PEPE, ET.AL.

- >Results
 - Immediate
 - 62% survival to D/C
 - 30% with complications
 - Delayed
 - 70% survival to D/C
 - 23% with complications
 - Shorter hospitalization

THE "PH CAMP" RECOMMENDATIONS:

- · No fluids if normotensive
- If hypotensive, controlled IVF until goal:
 - · Radial pulse
 - Mentation (non-head injured patient)
 - MAP 40-60 mmHg (SBP 80-90 mmHg)
- · Controlled fluid administration
 - Small boluses 25 500 ml

CONTROVERSY REMAINS • Permissive >Standard Fluid Hypotension: Resuscitation: • Don't pop the clot! Organ ischemia bad! • Hypotension can be Optimize organ tolerated until surgical perfusion control Consequences Consequences of aggressive fluid resuscitation of organ hypoperfusion

CLINICAL ADOPTION MILITARY ADOPTED RECOMMENDATIONS NATO CONSENSUS MEETINGS 2003 CONFLICT RESEARCH ITLS: LIMITED FLUID RESUSCITATION ATLS "BALANCED APPROACH"





