

The Role of the Perianesthesia Nurse in Trauma/Emergency Management

CPT Kaitlin Bolster, BSN, RN, CPAN, CAPA

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A Little About Me...



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Teamwork and Training



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What is a Mass Casualty?

An event that
overwhelms the
capacity of local
services to manage it

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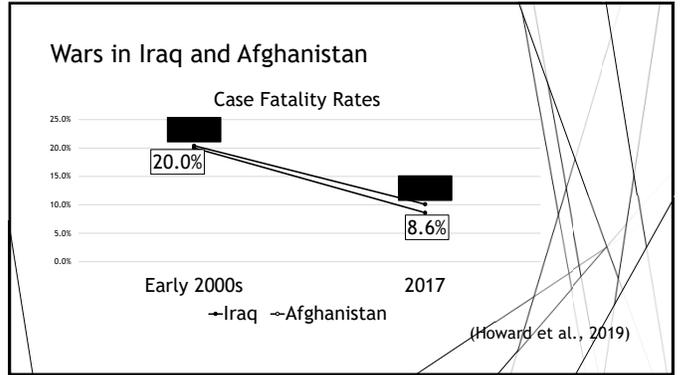
1999: Columbine High School Shooting



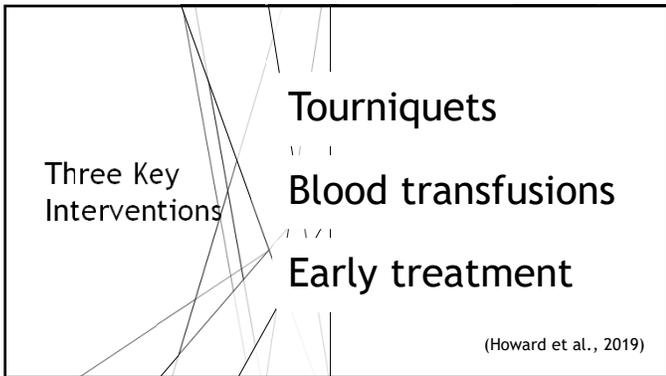
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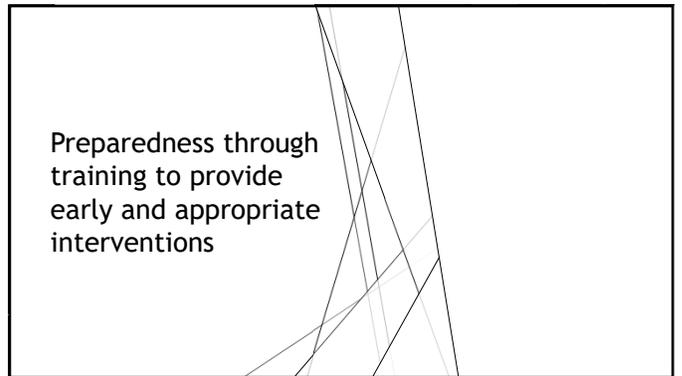
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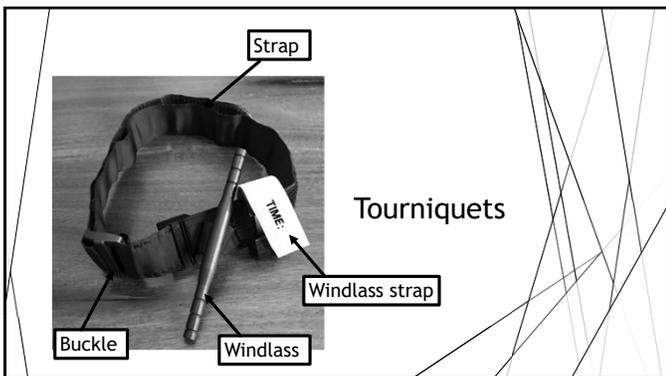
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IV Resuscitation

- ▶ 2 large bore IVs
- ▶ Transfusion of saline
- ▶ Transition to carrying colloids and blood

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Blood Products

- Packed red blood cells
- Plasma
- Platelets
- Cryoprecipitate

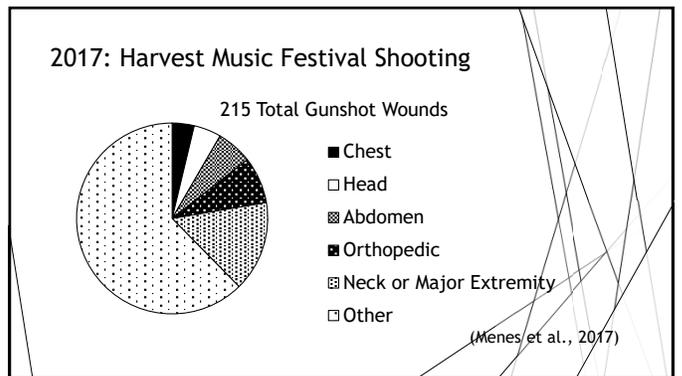
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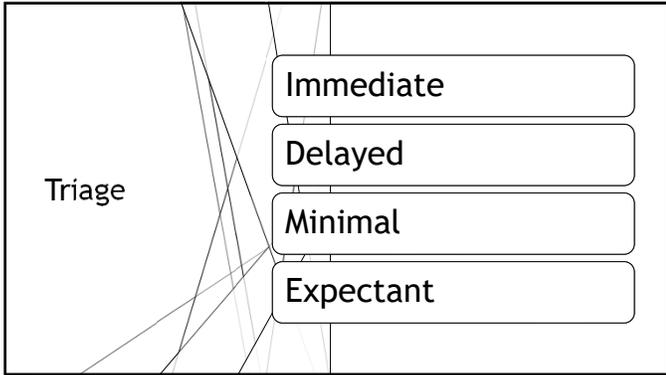
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A black and white photograph of a surgical team in an operating room, with a patient on the table and medical equipment.

GSW to the Left Chest

- ▶ 6 staff members
- ▶ Years of trauma experience
- ▶ 84 units of blood products

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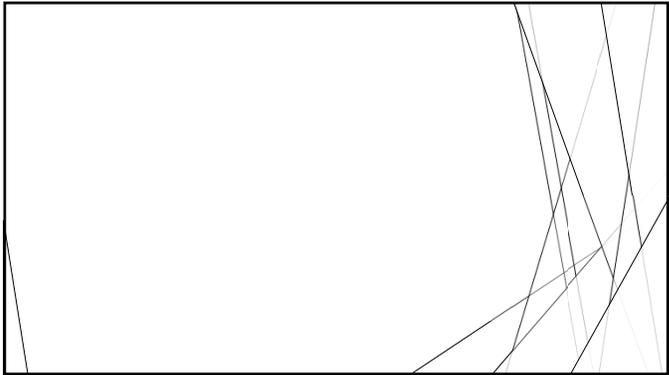
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A black and white photograph of a surgical team in an operating room, with a patient on the table and medical equipment.

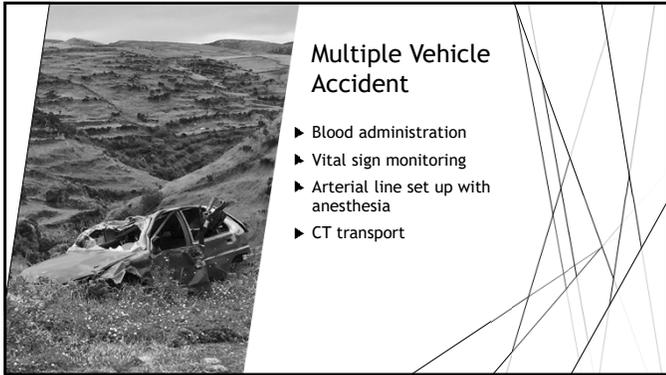
Code Black

- ▶ Activation of incident command
- ▶ Mass casualty incident
- ▶ The role of perianesthesia

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Multiple Vehicle Accident

- ▶ Blood administration
- ▶ Vital sign monitoring
- ▶ Arterial line set up with anesthesia
- ▶ CT transport

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Firearm Violence in the United States

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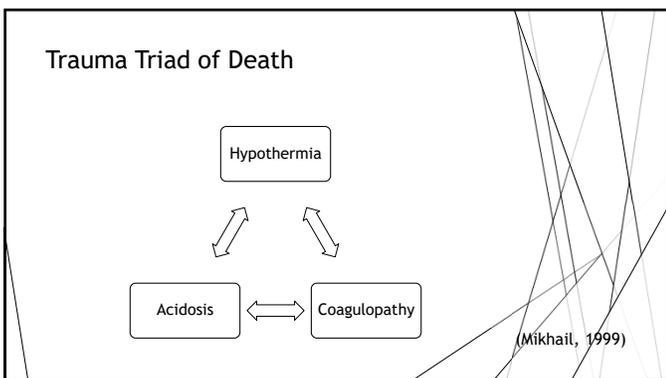


2018: Sunnybrook Health Sciences Centre

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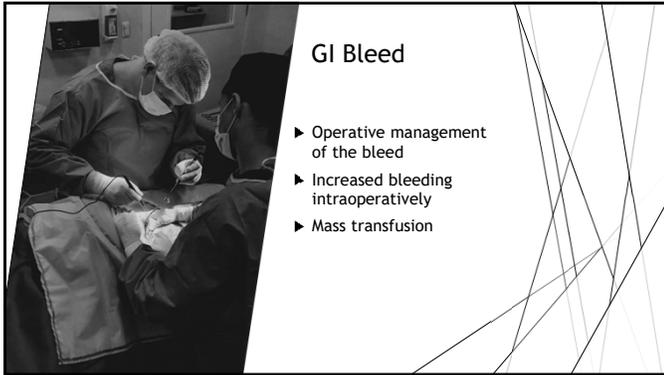
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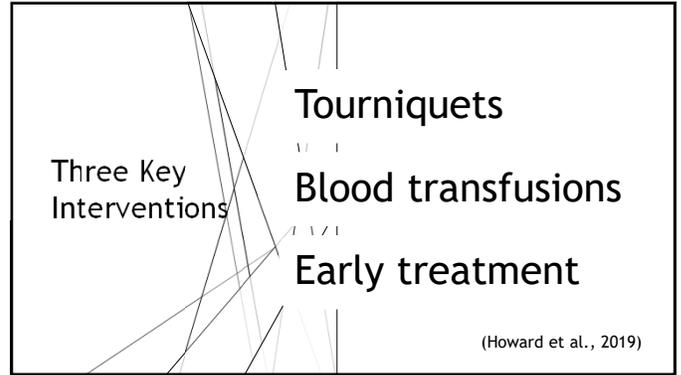
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GI Bleed

- ▶ Operative management of the bleed
- ▶ Increased bleeding intraoperatively
- ▶ Mass transfusion

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Tourniquets

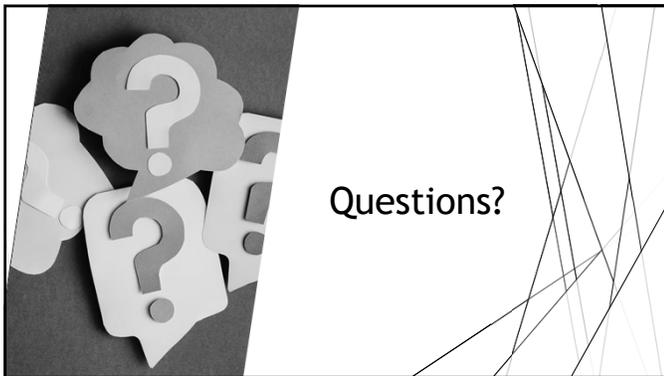
Three Key Interventions

Blood transfusions

Early treatment

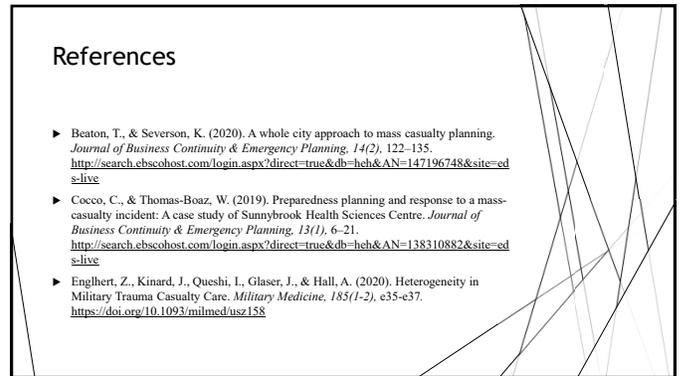
(Howard et al., 2019)

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Questions?

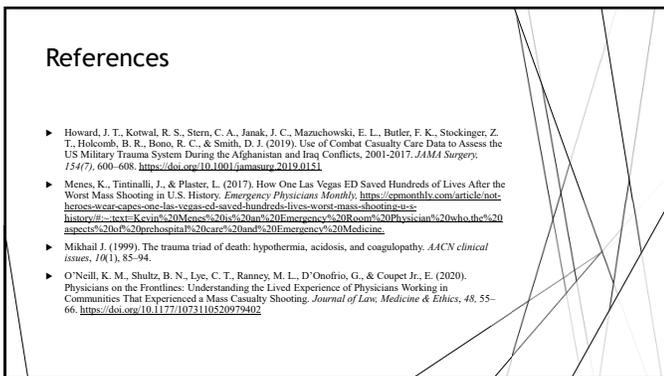
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