Quick Shot Presentation

Stop the Bleed:
Teaching and Collaboration in a Rural Setting Community

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Level III Trauma Center, American College of Surgeons
Identifying Need

Kootenai Health is a level II/Level III 299-bed community hospital in Northern Idaho

- Extreme sports & outdoor activities
- Rural setting = delayed first-responder time
  - January 1, 2018 to March 31, 2019:
    - 1172 Trauma related injuries
    - 36 Deaths related to traumatic injuries
(Data provided by Kootenai Health Trauma registry)

- Prevention programs prioritizes top trauma needs for community
Kootenai Health: 2018 Trauma Related Mechanism of Injuries

Kootenai Health Trauma Services
January 1, 2018 - March 31, 2019
Top 10 Mechanism of Injury: 1063 of 1172 Patients

- Ground Level Fall, 565, 53%
- Motorcycle, 42, 4%
- Motor Vehicle, 141, 13%
- Struck, 36, 3%
- ATV, 33, 3%
- Firearm, 31, 3%
- Bike, 26, 3%
- Pedestrian, 19, 2%
- Sports, 18, 2%
- Other, 346, 33%
Increase in Gun Related Traumas:

Kootenai Health Trauma Services
January 1, 2012 - March 31, 2019 Mechanism of Injury = Firearm

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<thead>
<tr>
<th>Year</th>
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<td>2012</td>
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<td>2018</td>
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<td>2019</td>
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Stop the Bleed: Intervention & Implementation Design

January 2018 the journey began….  

Program Objectives

- Teach citizens to quickly recognize & treat uncontrolled bleeding
- Empower bystanders to respond to traumatic injury

Community Partners

- School districts, North Idaho College
- Idaho Transportation Department
- City & county municipal agencies
- Fire departments, Health Departments

Class Format

- 2-hour class & Community booth
- 1:8 ratio, Hospital RN’s & EMT’s
Community Collaboration

Budget and funding sources

- Hospital’s Trauma Services, Injury Prevention department
- Most RN’s volunteer time
- School STB kits provided by Idaho Time Sensitive Emergencies
Program Evaluation: In the Community

Since 2018:

- 432 people have received the two hour course education.
- An estimated 650 people received basic tourniquet & wound packing education at community booth events.
Program Outcomes

- **Education:** Estimated 1,082 people trained who successfully verbalized and demonstrated bleeding control measures and tourniquet use

- **Outcome:** Increased tourniquet & wound packing usage

- **Dissemination:** Reports to hospital board, superintendent of schools and community presentations

- **Successes and/or barriers:** Staffing and funding

- **Future Growth:**
  - Replication
  - Collaboration
Contact:

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