Hospital Participation in Community Violence Prevention

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Centers for Disease Control and Prevention
Enormous Human Costs

- Homicide is the 3rd leading cause of death among 10-24 year olds
- Responsible for more deaths than the next 7 leading causes...**combined**

Source: Web-based Injury Statistics Query and Reporting System (WISQARS)
Every Day in the U.S…

• More than 13 young people are killed
• and 1,427 young people are treated in ED’s for injuries from assaults
Other Destructive Health Consequences

- Violence
  - Injury
    - Head Injury
    - Internal Injury
  - Fractures
  - Burns
  - Depression and Anxiety
  - PTSD
  - Suicide
  - Assault
  - Fetal Death
  - Unintended and Adolescent Pregnancy
    - Pregnancy Complications
  - STDs
  - Alcohol and Drugs
    - Alcohol
    - Smoking
  - HIV
  - Cancer
  - Chronic Lung Disease
  - Diabetes
  - Obesity
  - Physical Inactivity
  - Unsafe Sexual Practices

- Risk Behaviors and Infectious Disease
  - HIV
  - STDs
  - Alcohol and Drugs

- Chronic Disease
  - Heart Disease
  - Chronic Lung Disease
  - Diabetes
  - Alcohol
  - Smoking

- Mental Health Problems
  - Suicide
  - Depression and Anxiety
  - PTSD
  - Violence
Violence is Also a Public Health Problem
The Public Health Approach to Prevention

- Surveillance to Describe the Problem
- Identify Risk/Protective Factors
- Develop and Evaluate Prev. Strategies
- Implement & Disseminate

Problem Response
What is a Technical Package?

...a select group of strategies based on the **best available evidence** to help communities and states sharpen their focus on priorities with the **greatest potential** to reduce violence.
Helping States and Communities Take Advantage of the Best Available Evidence
Cardiff Model for Violence Prevention
Total Weekly Violence Related Attendances -- Cardiff A&E

Source: Violence & Society Research Group
Wounding Rates, by Month

CVPP Implemented

Woundings per 1000 population

- **Cardiff**
- **Comparison Cities**
- **95% Confidence Interval**

Time (2000m1 to 2007m1)
Nurse Survey Results

- Committed to the Cardiff Model: 95%
- Cardiff Model Supports Hospital’s Mission: 91%
- Nurses See Cardiff Model Reports: 85%
Grady Emergency Department Injury Totals from 11/17/15 to 5/13/17

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screened patients</td>
<td>127,624</td>
</tr>
<tr>
<td>Injured patients</td>
<td>13,876</td>
</tr>
<tr>
<td>Intentional Injury patients</td>
<td>2,850</td>
</tr>
</tbody>
</table>
Next Steps

- Continuing To Develop Prevention Activities

- Expansion Activities:
  - Hospitals
  - Police Departments

- Enhancing Mapping Technology

- Informing Other Cities
Visit CDC’s National Center for Injury Prevention and Control web site:

www.cdc.gov/injury