Newtown, Orlando, Aurora...What pediatric hospitalists can do to improve firearm safety

Alyssa Silver
Gabriella Azzarone
Priti Bhansali
Alex Hogan
Katherine O’Connor
Kavita Parikh

Disclosure of Financial Relationships

• We have nothing to disclose.
Objectives

• To describe the scope of the problem of pediatric firearm-related injuries and review data related to firearm legislation

• To assess barriers to addressing firearm safety in the inpatient setting

• To identify ways that hospitalists can work towards improving firearm safety in pediatrics

Overview

• Introductions and Ground Rules
• Poll
• Background
  • Small groups: Direct patient care, Research, Education, Advocacy
• Report out/Large Group discussion
• Review what we can do: Direct patient care, Research, Education, Advocacy
• Resource Guide
• Reflection
Introductions

• Alyssa Silver (CHAM)
• Gabriella Azzarone (CHAM)
• Prit Bhansali (CNMC)
• Alex Hogan (CHAM→CCMC)
• Katherine O’Connor (CHAM)
• Kavita Parikh (CNMC)

Ground Rules

• Listen respectfully, without interrupting.
• Criticize ideas, not individuals.
• Commit to learning, not debating. Comment in order to share information, not to persuade. The goal is not to agree -- it is to gain a deeper understanding.
• Avoid blame, speculation, and inflammatory language.
• Allow everyone the chance to speak.
• Avoid assumptions about any member of a class or generalizations about social groups.
• Speak from your own experience instead of generalizing ("I" instead of "they," "we," and "you").
• Instead of invalidating somebody else’s story with your own spin on her or his experience, share your own story and experience.
• Be conscious of body language and nonverbal responses -- they can be as disrespectful as words.

Poll
• Have you taken care of patients with firearm-related injuries?
  A. Yes
  B. No

Poll
• Have you ever talked with patients/families about firearm safety?
  A. Yes
  B. No
Poll

• Are you currently involved in either research, education or advocacy related to either pediatric firearm safety or injuries?
  A. Yes
  B. No

Poll

• Every year, how many children are killed in accidental shootings in the United States?
  A. 20
  B. 50
  C. 100
  D. 200
Poll

• What percentage of children under 10 years old who live in homes with a gun(s) know where the gun(s) are stored in their home?
  A. 20
  B. 50
  C. 70
  D. 90

Objectives

• Describe the scope of the problem of pediatric firearm-related injuries and review data related to firearm legislation

• Assess barriers to addressing firearm safety in the inpatient setting

• Identify ways that hospitalists can work towards improving firearm safety in pediatrics
Scope of the problem: Epidemiology of Firearm-related injuries and state based legislation data

Alyssa Silver
Kavita Parikh

Epidemiology of pediatric firearm-related injuries and fatalities

- Fatality rate is 49 times higher for 15- to 24-year-olds in the United States than in other high-income countries.
- Globally, 9 out of 10 children, 15 years of age killed by firearms reside in the United States.
- Data from the Centers for Disease Control and Prevention (CDC) reveal that firearm-related injuries are leading causes of injury deaths in youth.
- Homicide by firearms is the fourth leading cause of injury death in 5- to 9-year-olds and 10- to 14-year-olds and the second leading cause in 15- to 19-year-olds. In addition, suicide by firearm ranks as the third most common cause of death in children 10 to 14 and 15 to 19 years of age.
- Across all ages, in 2014 firearm injuries were responsible for the same number of deaths in the United States as motor vehicle crashes.
Healthcare utilization in pediatric firearm injuries

State based legislation data

• 2016 study compared laws through 2009 effectiveness in reducing firearm related mortality
  • 3 laws strongly associated with reduced deaths from firearms:
    • universal background checks before the purchase of guns
    • universal background checks before the purchase of ammunition
    • firearm identification (microstamping or ballistic fingerprinting) requirements

• 2017 systematic review 5 categories—laws that:
  • curb gun trafficking
  • strengthen background checks
  • improve child safety
  • ban military-style assault weapons
  • restrict firearms in public places
  • laws strengthening background checks and require permit to purchase associated with decreased firearm homicide rates across all ages
  • specific laws to improve child safety not associated with decreases in firearm homicide rate
SMALL GROUPS

• Direct Patient Care
  • Gabriella Azzarone
• Research
  • Alyssa Silver & Kavita Parikh
• Education
  • Prit Bhansali
• Advocacy
  • Katherine O’Connor & Alex Hogan

SMALL GROUP REPORT OUT/DISCUSSION

• Direct Patient Care
• Research
• Education
• Advocacy
So, let’s review...
What can we do?

Direct Patient Care
Gabriella Azzarone
Patient Care

Research
Kavita Parikh
Alyssa Silver
Research

Education
Prit Bhansali
Education

Advocacy
Katherine O’Connor
Alex Hogan
Advocacy

RESOURCE GUIDE

• Videos
• National organizations
• Community resources
• Advocacy resources
• Mental health resources
Resource Guide

• AAP Department of Federal Affairs: www.aap.org/federaladvocacy
• AAP Mental Health Initiatives: http://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/Mental-Health/Pages/default.aspx
  - Brady Campaign: http://www.bradycampaign.org/stategunlaws/
  - Center to Prevent Youth Violence: http://www.cpyv.org/
  - Moms Demand Action for Gun Sense in America: www.momsdemandaction.org

• Law Center To Prevent Gun Violence: http://smartgunlaws.org/
• CDC’s National Violent Death Reporting System (NVDRS) http://www.cdc.gov/violenceprevention/nvdrs/
• http://askingsaveskids.org/sites/default/files/ASK-Toolkit_0.pdf
• National Physicians Alliance
  - Physicians for the prevention of gun violence http://ppgv.org
  - http://hosspeds.aappublications.org/content/early/2017/05/19/hpeds.2016-0146
  - http://pediatrics.aappublications.org/content/130/5/e1416
• http://www.projectchildsafe.org/talking-to-kids
Reflection & Action Item

• Identify **ONE action item** you will commit to on return to your home institution

• Identify the **next steps** and/or **resources needed** to spread ideas/put into action your goals at your home institution

THANK YOU!!!
Any questions?

• Alyssa Silver alysilve@montefiore.org
• Gabriella Azzarone gazzaron@montefiore.org
• Prit Bhansali Bhansali pbhansal@childrensnational.org
• Alex Hogan
• Katherine O’Connor koconnor@montefiore.org
• Kavita Parikh kparikh@childrensnational.org