

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

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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

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Introductions

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

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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.

Adapted from:UMich Center for Research on Learning and teaching <http://www.crlt.umich.edu/publinks/generalguidelines> & Edchange project <http://www.edchange.org/multicultural/activities/groundrules.html>

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Poll

- Have you taken care of patients with firearm-related injuries?

- A. Yes
- B. No

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Poll

- Have you ever talked with patients/families about firearm safety?

- A. Yes
- B. No

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Poll

- Are you currently involved in either research , education or advocacy related to either pediatric firearm safety or injuries?

- A. Yes
- B. No

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Poll

- Every year, how many children are killed in accidental shootings in the United States?

- A. 20
- B. 50
- C. 100
- D. 200

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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

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Scope of the problem: Epidemiology of Firearm-related injuries and state based legislation data

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Kavita Parikh

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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.²
- 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.²
- Across all ages, in 2014 firearm injuries were responsible for the same number of deaths in the United States as motor vehicle crashes.³

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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

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SMALL GROUP REPORT OUT/DISCUSSION

- Direct Patient Care
- Research
- Education
- Advocacy

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So, let's review...
What can we do?

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Direct Patient Care

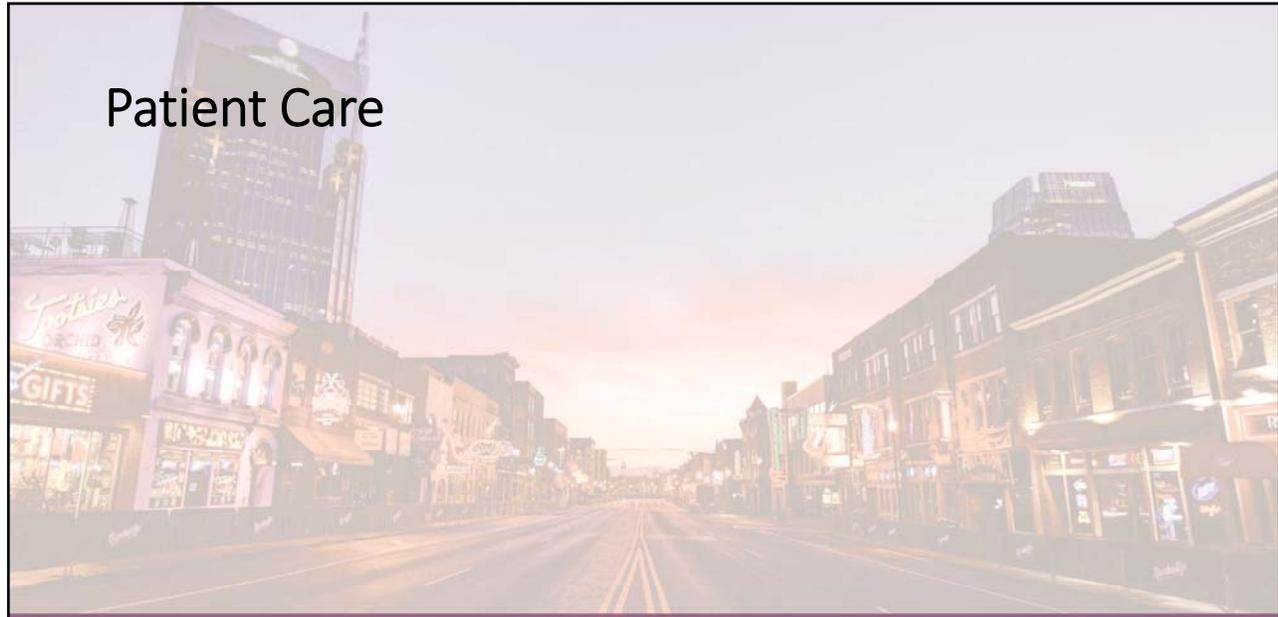
Gabriella Azzarone

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Patient Care

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Research

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Alyssa Silver

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Research

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Education

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Education

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Advocacy

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Alex Hogan

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Advocacy



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RESOURCE GUIDE

- Videos
- National organizations
- Community resources
- Advocacy resources
- Mental health resources



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Resource Guide

- **AAP Council on Injury, Violence and Poison Prevention (COIVPP):** <http://www2.aap.org/sections/ipp/>
- **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>
- **Healthy Children.org:** <http://www.healthychildren.org/English/safety-prevention/all-around/pages/Gun-Safety-Keeping-Children-Safe.aspx>
- **Brady Campaign:** <http://www.bradycampaign.org/stategunlaws/>
- **Center to Prevent Youth Violence:** <http://www.cpyv.org/>
- **Children's Defense Fund:** <http://www.childrensdefense.org/programs-campaigns/protect-children-not-guns/>
- **Moms Demand Action for Gun Sense in America:** www.momsdemandaction.org

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- **AAP Division of State Government Affairs State Gun Safety Laws** <http://www.aap.org/en-us/my-aap/advocacy/state-government-affairs/Documents/GunSafetyLaws.pdf>
- **Law Center To Prevent Gun Violence:** <http://smartgunlaws.org/>
- **Centers for Disease Control and Prevention (CDC) Web-based Injuries Statistics and Reporting System (WIQARS)** <http://www.cdc.gov/injury/wisqars/index.html>
- **CDC's National Violent Death Reporting System (NVDRS)** <http://www.cdc.gov/violenceprevention/nvdrs/>
- <https://www.aap.org/en-us/advocacy-and-policy/state-advocacy/Documents/Safe%20Storage.pdf>
- http://askingsaveskids.org/sites/default/files/ASK-Toolkit_0.pdf
- **National Physicians Alliance**
- <http://npalliance.org/gun-violence-prevention/>
- **Physicians for the prevention of gun violence**
- <http://ppgv.org>
- <http://hospeds.aappublications.org/content/early/2017/05/19/hped.2016-0146>
- <http://pediatrics.aappublications.org/content/130/5/e1416>
- <http://abcnews.go.com/GMA/video/inside-young-guns-diane-sawyer-special-22312421>
- <http://www.projectchildsafe.org/talking-to-kids>

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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

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THANK YOU!!!

Any questions?

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