

#### Prioritizing Patient Safety by Reducing Firearm Injury & Death: What Clinicians Can Do

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#### Why Firearms Curriculums for Healthcare Providers?

- Firearms injury and death are public health problems.
- Physicians feel counseling is within clinical responsibilities
- Patients say generally appropriate
- Physicians often report needing more information
- Lethal means safety saves lives



#### BulletPoints Learning Objectives

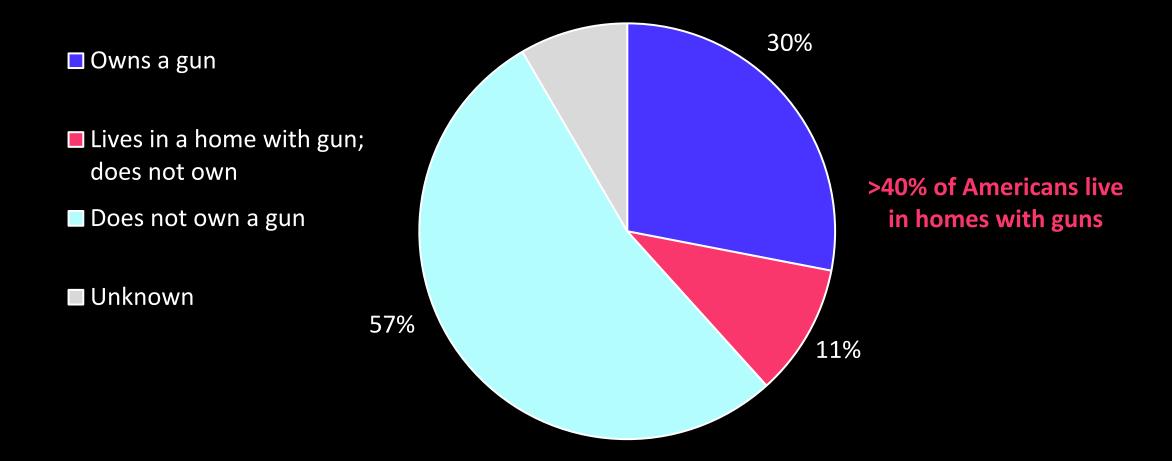
- Identify risk for firearm-related harm
- Identify ways to engage with patients to reduce that risk
- Interpret how to have culturally appropriate and respectful conversations with patients and their families to reduce risk

Describe available interventions for patients at risk of firearm-related harm

Americans make up 4.25% of the world's population, but own 46% of privately owned firearms.

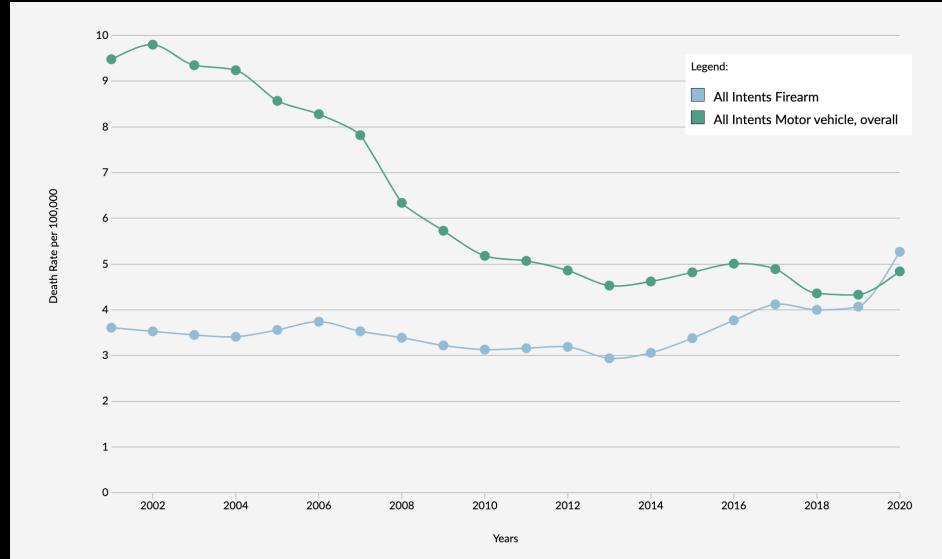


#### Household Firearm Ownership in the United States, 2017





#### MVCs versus Firearms Deaths in American Youths



Epidemiology of Firearm Violence and Injury

#### Socioemotional consequences



What You Can Do

# Assess risk and talk with patients about risk and access to firearms when it's clinically relevant



#### Lethal Means Safety

One of the most effective ways to reduce suicide risk is to put time and distance between the at-risk person and lethal means





There are no state or federal statutes that prohibit clinicians from talking with patients about access to firearms.



#### What do patients think?

A majority report conversations about firearm safety appropriate

and especially when someone in the home is at increased risk

54% of gun owning respondents

90% for thoughts of suicide

84% when children or teens in home



#### The 3A's

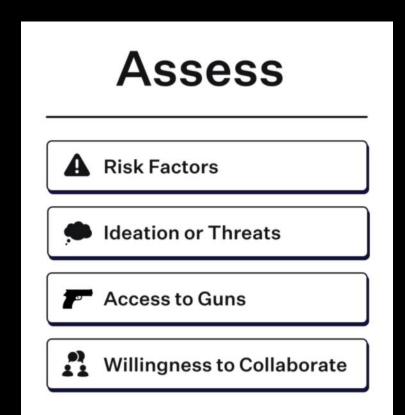
### Approach

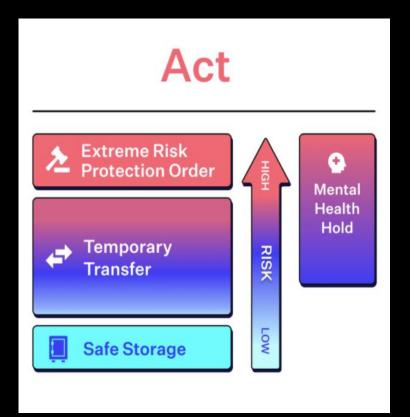


Respectful

**Harm Reduction Focused** 

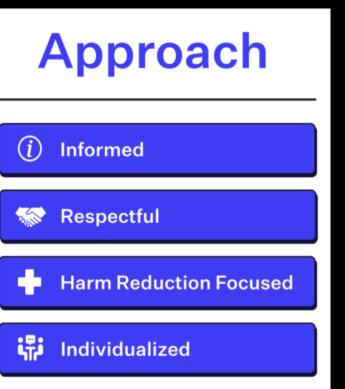
Individualized

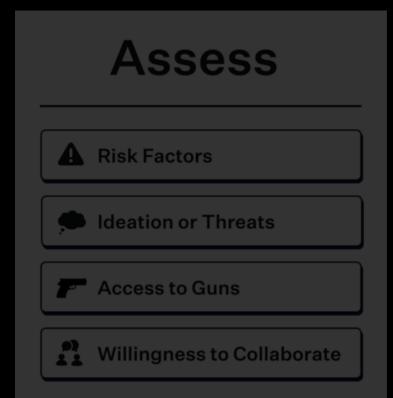


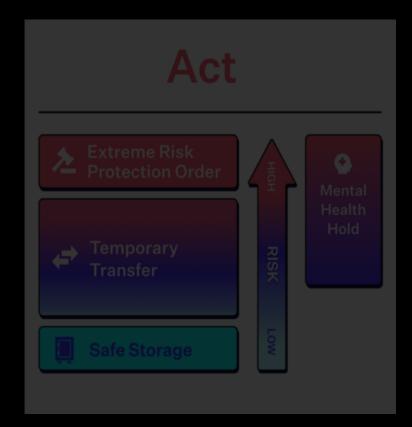




#### The 3A's









#### Be informed

- Understand who owns guns and why, be aware of implicit biases
- ► Know the safest way to store guns and other appropriate recommendations
- Be aware of relevant policies in your area
- Use appropriate language



#### Be informed: Language matters

- "Reducing access"
- "Temporary"
- "During time of crises" or "risk"
- When possible, "voluntary and collaborative"



#### Be respectful and take a harm reduction approach

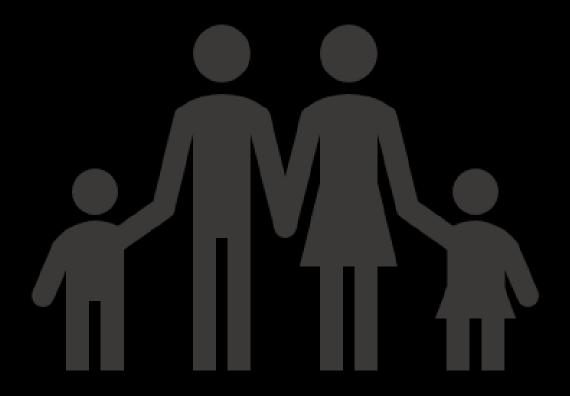
- Keep personal politics out of the conversation
- Put this in context of risk and safety, not right or wrong
- Remember that acceptable recommendations that reduce risk are more effective than unacceptable ones that eliminate risk





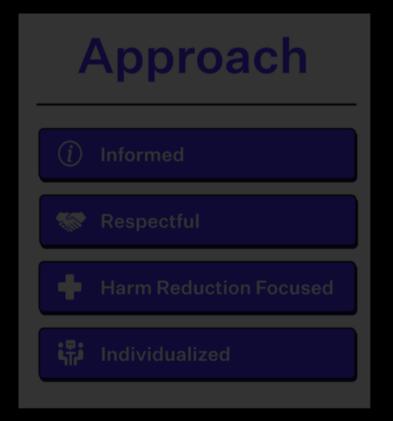
#### Individualize your approach

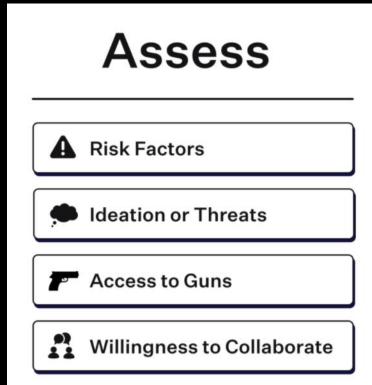
- Who's in the home
- Who's at risk
- What type of risk
- Reasons for ownership

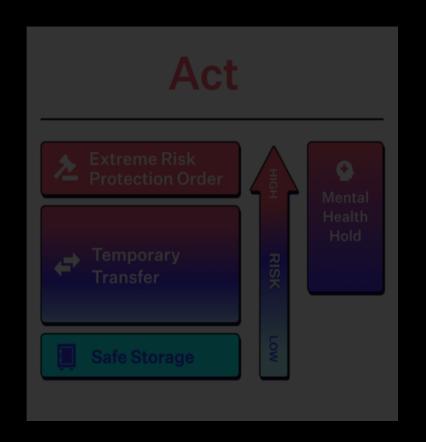




#### The 3A's Framework









#### Youth and Firearms

- Males ages 10-19 at highest risk of unintentional firearm injury and death
- Most firearm suicides and mass shootings by teens are w/ family member's gun
- Youths have access in the home more often than parents/caregivers think
- ~1/3 firearm owners living with youths store all firearms in the safest way



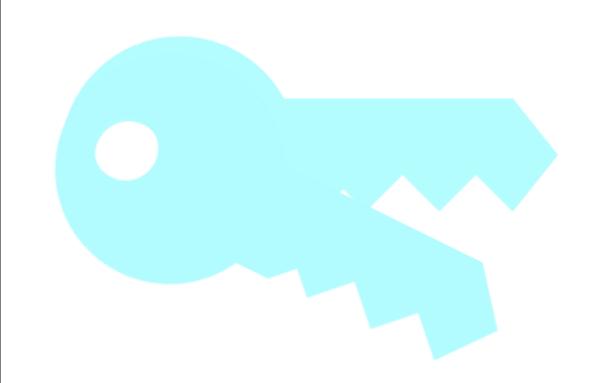
#### Alcohol and Firearms

- 1/3 of people who died by suicide tested positive for the presence of alcohol
- Alcohol intoxication more strongly associated with firearm suicide than less lethal methods
- Alcohol-related conviction + handgun purchase > 2x the risk of suicide (90% by firearm)
- Alcohol-related conviction + handgun purchase > 3x the risk of arrest for violent crime including IPV



#### Dementia and Firearms

- □ 35-60% of people with dementia (PWD) live in homes with firearms
- Dementia can increase risk of suicide, homicide, and unintentional injury
- Conversations about gun access can mirror those about driving or cooking





#### Intimate Partner Violence and Firearms

- ~50% of female homicides are from intimate partner violence
- When an abusive partner has firearm access, victim's risk of death ↑5x
- Firearms also used to coerce, threaten, terrorize
- DV = precipitating factor for many mass shootings

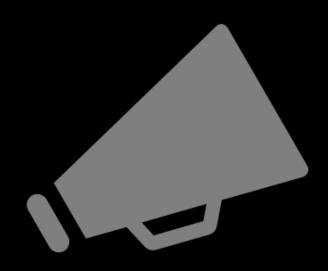


#### Mental Illness and Firearms

- About 4% of mass shooters thought to have psychotic disorders (higher for women)
  - Others commonly have symptoms of:
    - Depression
    - Autism spectrum disorder
    - Personality disorders
- About 4% of community violence attributable to mental illness alone
- Mental illness stronger risk factor for suicide than violence

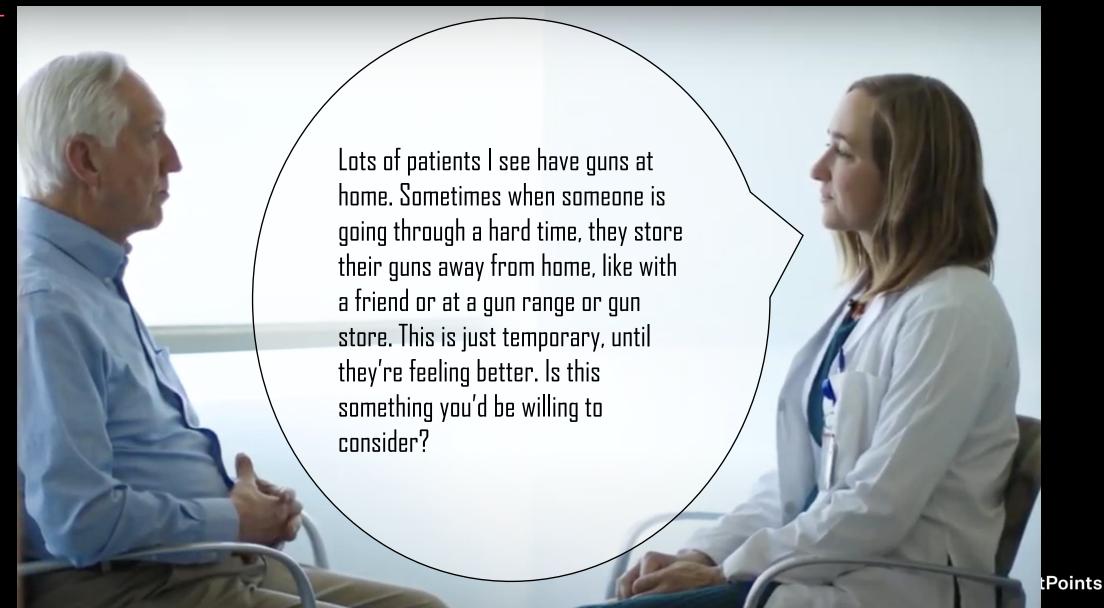


#### Ideation or Threats

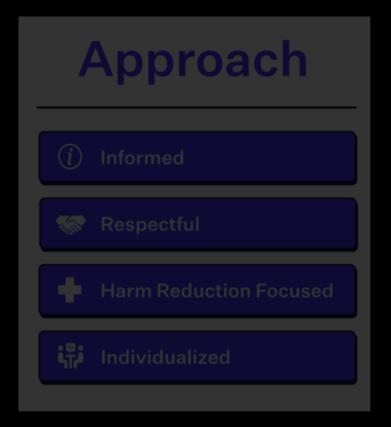


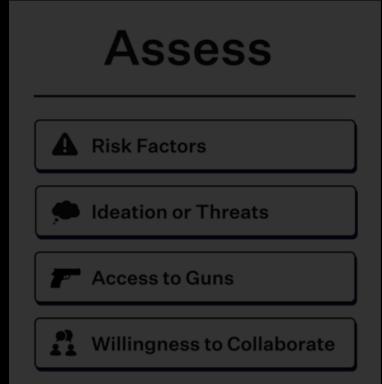


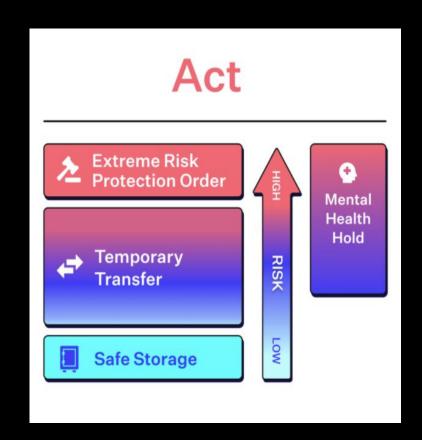
#### Access to Firearms and Willingness to Collaborate



#### The 3A's Framework









When no one is at imminent risk, safe storage is the appropriate recommendation.



The safest way to store a firearm:



Unloaded



Locked up using a locking device

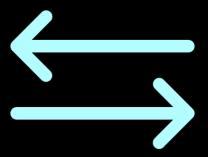


Separate from ammunition



With **keys and combinations inaccessible** to children and others at risk

#### Temporary Transfers



Used when removing firearms from the home is the safest option, and the person is willing to collaborate.

- Temporary transfer to family or other trusted person.
  - Background check requirements vary
  - In some places, these policies are in flux
- Temporary, voluntary storage at a gun range, store, or with a law enforcement agency\*





If a patient at high risk is not willing to collaborate, emergency interventions may be necessary to prevent harm.



#### **Emergency interventions**

- If the person needs mental health treatment, consider a mental health hold
- If the person is not willing to relinquish their firearms, consider an Extreme Risk Protection Order for temporary, involuntary removal of guns

## These two are not mutually exclusive



#### Mental Health Holds (5150)

- In emergency situations, mental health holds can bring someone at risk of harming themselves or others into mental health treatment
- Federal firearm prohibitions do not occur until person committed in court

An emergency mental health hold or even a hospitalization does not guarantee the person won't have continued firearm access



#### Extreme Risk Protection Orders





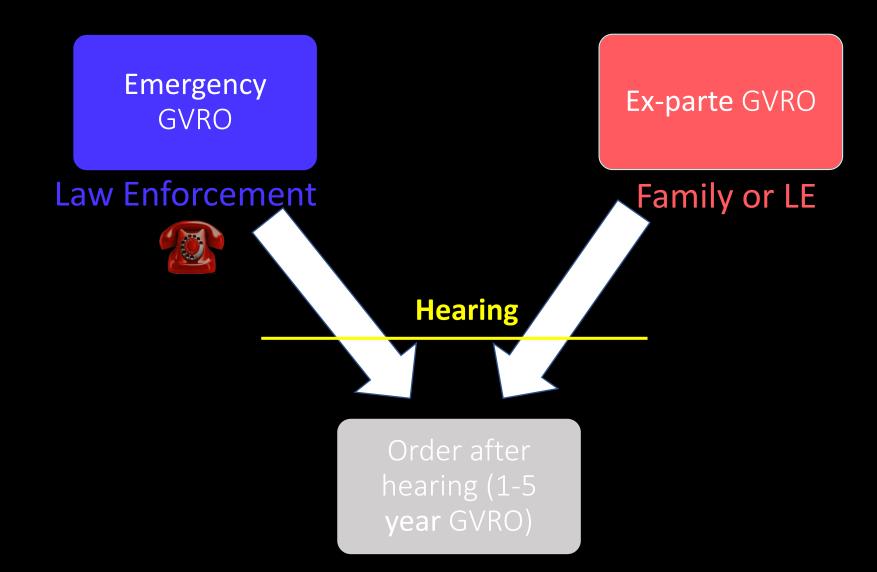
#### Extreme Risk Protection Orders

- Allows family members or police to petition to have a person's guns removed based on a concern for violence in the near future
- Modelled closely after DVRO
- No criminal activity required
- No mental health evaluation or history required





#### Extreme Risk Protection Orders





## For every 10-20 risk warrants issued for suicidality, one life is saved



#### HIPAA

- If a patient makes a "serious and imminent threat" of violence, the clinician may disclose PHI that "(1) is necessary to prevent or lessen a serious and imminent threat to the health or safety of the patient or others and (2) is to a person(s) reasonably able to prevent or lessen the threat"
- "HIPAA expressly defers to the professional judgment of health professionals in making determinations about the nature and severity of the threat to health or safety posed by a patient."



#### Hospital-based Intervention Programs

- , community resources,
- Connect injured individuals to violence intervention specialists, community resources, and natural supports
- Provide extended care, including mental health services, after hospital discharge to support holistic recovery
- Address the determinants associated with violence risk through relationship-based mentoring and culturally humble, individualized case management
- Promote safe reintegration into the community through a gradual transition of support and connection to resources

The Health Alliance for Violence Intervention

#### For More Information



www.bulletpointsproject.org



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The BulletPoints Project at UC Davis

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! Read our <u>new blogpost</u> with school nurse

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Suicide

Veterans

Unintentional Injury

Intimate Partner Violence

Mass Shootings

Dementia

Community Gun Violence



Clinical tools for preventing firearm injury











#### Online Continuing Ed Course





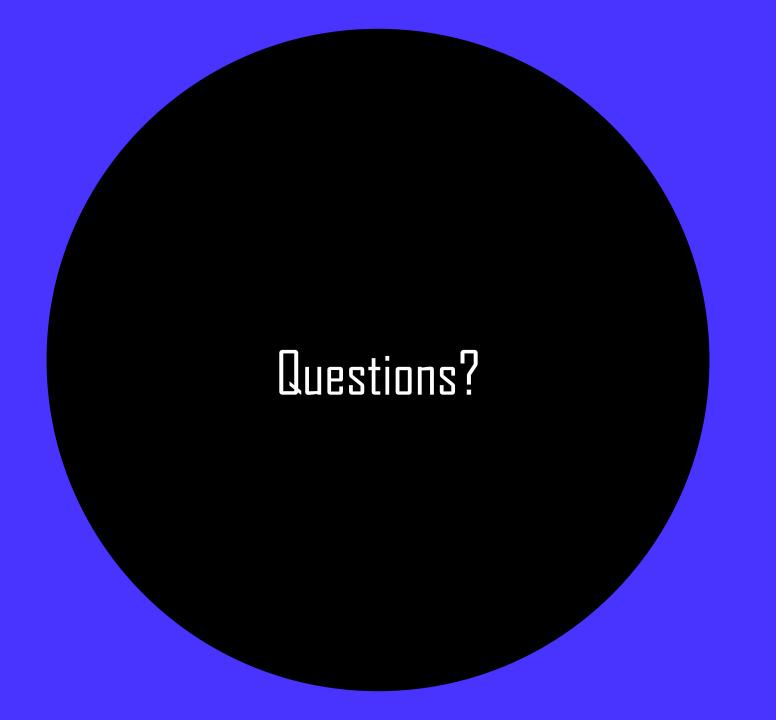


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