

REPORT OF THE COUNCIL ON SCIENCE AND PUBLIC HEALTH

CSAPH Report 4-A-18

Subject: The Physician’s Role in Firearm Safety

Presented by: Robert A. Gilchick, MD, MPH, Chair

Referred to: Reference Committee D
(Shannon Kilgore, MD, Chair)

1 INTRODUCTION

2

3 In March 2017, the American Medical Association (AMA) and the American Bar Association co-
4 sponsored a conference titled, “Preventing Gun Violence: Moving from Crisis to Action.” The
5 conference was attended by members of the Council on Science and Public Health (Council) and
6 the findings of this conference served as the impetus for developing this report as a Council
7 initiative.

8

9 The Council previously studied the issue of preventing violence against health care workers and
10 issued recommendations (see Policy H-515.957, “Preventing Violent Acts Against Health Care
11 Providers”). That topic is not further addressed in this report.

12

13 METHODS

14

15 English language reports were selected from searches of the PubMed, Google Scholar, and
16 Cochrane Library databases from January 2013 to January 2018 using the search terms “gun
17 violence,” “firearm safety,” “firearm violence,” “physician” and “firearm,” “physician” and “gun,”
18 “suicide” and “gun” or “firearm”, “children” and “firearm safety,” “gun violence restraining
19 order,” and “domestic violence restraining order.” Additional articles were identified by manual
20 review of the reference lists of pertinent publications. Websites managed by federal and state
21 agencies and applicable regulatory and advocacy organizations also were reviewed for relevant
22 information.

23

24 CURRENT AMA POLICY

25

26 As one of the main causes of intentional and unintentional injuries and deaths, the AMA recognizes
27 that firearms are a serious public health problem in the United States. The AMA has extensive
28 policy on firearm safety and prevention of gun violence. Relevant to this report is existing policy
29 that affirms the rights of physicians to have free and open communication with their patients
30 regarding firearm safety and that calls on physicians to educate and counsel patients about firearm
31 safety. AMA policy also supports increasing efforts to reduce pediatric firearm morbidity and
32 mortality by encouraging its members to inquire about the presence of household firearms as a part
33 of childproofing the home and routinely remind patients to obtain firearm safety locks, to store
34 firearms under lock and key, and to store ammunition separately from firearms. AMA policy also
35 urges Congress to provide sufficient resources to enable the Centers for Disease Control and

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Action of the AMA House of Delegates 2018 Annual Meeting: CSAPH Report 4
Recommendations Adopted as Amended, and Remainder of Report Filed.

1 Prevention (CDC) to collect and analyze data on firearm-related injuries in order to help prevent
2 injury, death and the other costs to society resulting from firearms.

4 EPIDEMIOLOGY OF FIREARM MORBIDITY AND MORTALITY

6 Firearm-related deaths are the third leading cause of injury-related deaths in the United States. In
7 2016, more than 38,000 persons died from injury by firearms in the United States.¹ While mass
8 shootings are horrific, they represent a small percentage of firearm-related deaths (less than 1
9 percent). Firearm suicide deaths, on the other hand, constitute more than 60 percent of firearm
10 deaths, with firearm homicides accounting for approximately 35 percent, and accidental firearm
11 deaths accounting for approximately 1.5 percent.^{1;2}

13 Males disproportionately bear the burden of firearm mortality, accounting for 86 percent of all
14 victims of firearm death.² Young adults between the ages of 25 and 34 years have the highest rate
15 of fatal firearm injury per 100,000 at 15.1, followed by those in the 15 to 24 year age group (14.4
16 per 100,000).² Rates of firearm homicide are highest among adolescents (8.9 per 100,000) and
17 young adults (8.0 per 100,000) and tend to decrease with age.² Rates of firearm suicide tend to
18 increase with age. The annual rate of firearm suicide was highest among persons aged 65 years and
19 older (10.9 per 100,000) followed by those in the 55–64 year age group (9.4 per 100,000) and the
20 45–54 year old age group (9.2 per 100,000).²

22 Non-Hispanic blacks have the highest rates of firearm mortality overall (18.1 per 100,000), and this
23 disparity is largely due to differences between racial/ethnic groups in firearm homicide.² Non-
24 Hispanic whites (9.2 per 100,000) and non-Hispanic American Indian/Alaskan Native populations
25 (7.8 per 100,000) have the highest rates of firearm suicide in the United States when compared to
26 other groups.² Non-Hispanic white males account for the majority of firearm suicides.²

28 Although limited data are available to evaluate epidemiological trends for firearm-related injuries,
29 it is estimated that more than 84,000 people suffered nonfatal firearm injuries in 2015.³ A study
30 utilizing data from the Nationwide Emergency Department Sample identified 150,930 people in the
31 period 2006-14 who presented alive to the emergency department (ED) with a firearm-related
32 injury, representing an estimated 25.3 ED visits per 100,000 people. The incidence of ED visits for
33 firearm-related injuries varied by patient age. It was the lowest among patients younger than age 10
34 (less than 1.5 ED visits per 100,000) and the highest among patients ages 15–29 (66.4 ED visits per
35 100,000).⁴ The incidence of firearm-related injuries was approximately nine-fold higher among
36 male patients.⁴

38 The majority of patients who presented alive to the ED for a firearm-related injury were injured in
39 an assault (49.5 percent) or unintentionally (35.3 percent). Attempted suicides and legal
40 interventions accounted for 5.3 percent and 2.4 percent respectively.⁴ Among all patients
41 presenting to the ED with a firearm-related injury, 48.0 percent were discharged home and
42 7.7 percent were discharged to additional care facilities, while 37.2 percent were admitted to
43 inpatient care and 5.2 percent died during their visit.⁴ The financial burden associated with firearm-
44 related injuries was estimated to be approximately \$2.8 billion per year.⁴

46 PHYSICIAN COUNSELING

48 Households with firearms exhibit an increased risk of experiencing a homicide, suicide, or
49 accidental firearm death of a household member.⁵ While physicians counsel patients about a wide
50 range of behaviors and conditions, a systematic review of the literature found that despite clinical
51 acceptance of the need for firearm injury prevention among high-risk populations, screening and

1 counseling to increase safety is performed by a minority of clinicians.⁶ A number of barriers exist
2 that may contribute to the lack of physician counseling on firearm safety. These include legal
3 barriers, the lack of training and time, low expectancy that counseling is effective, uncertainty
4 regarding what to say to patients, and a desire to not offend patients.^{6,7} As with many other
5 behavioral interventions, clinicians who have high confidence in, and self-efficacy toward,
6 counseling are more likely to screen.⁶

7
8 *The Law Does Not Prohibit Counseling*

9
10 While a number of states have considered laws limiting what physicians are allowed to ask their
11 patients about firearms, Florida is the only state that enacted such a law, the Firearm Owners'
12 Privacy Act (FOPA), which prohibited health care practitioners from inquiring about the ownership
13 of a firearm.⁸ An exception included in the law allowed practitioners who in good faith believed
14 that the information was relevant to the patient's medical care or safety, or the safety of others, to
15 inquire.⁸ In 2017, the Eleventh Circuit Court of Appeals overturned the law, holding that FOPA's
16 content-based restrictions violated the First Amendment as it applies to the states.⁹

17
18 Montana, Missouri, and Minnesota have laws around the collection of firearm information by
19 health practitioners; none of these laws prohibit counseling. Minnesota's law prohibits the
20 commissioner of health from collecting data on individuals regarding lawful firearm ownership or
21 data related to an individual's right to carry a weapon.¹⁰ Missouri's law prohibits health care
22 professionals from disclosing information about the status of a patient as an owner of a firearm,
23 unless medically indicated or necessitated.¹¹ Montana's law provides that health care providers
24 may not refuse to provide health care to a person who declines to answer questions regarding
25 firearm ownership, possession, or use.¹²

26
27 **HIGH-RISK INDIVIDUALS**

28
29 Little guidance is available regarding who should be screened for the risk of firearm injury.⁶ The
30 American Academy of Pediatrics (AAP) recommends that pediatricians incorporate questions
31 about the presence and availability of firearms into patient histories and counsel parents about the
32 dangers of allowing children to have access to firearms both inside and outside of the home.¹³
33 Studies indicate that screening among high-risk populations may help identify patients at risk of
34 firearm injury.⁶ Risk factors for firearm injury include suicidal ideation or intent, homicidal
35 ideation or intent, history of violence, alcohol or drug use disorder, mental illness, and conditions
36 impairing cognition and judgment.⁷

37
38 *Intimate Partner Violence (IPV)*

39
40 Firearms in a violent home increase the likelihood that IPV incidents will result in death.^{14,15} In
41 2013, approximately half of the 1,270 reported intimate partner homicides in the United States
42 were committed with firearms.¹⁵ Because of this risk, laws have been enacted to remove firearms
43 from those who commit IPV. At the federal level, the Violent Crime Control and Law Enforcement
44 Act of 1994 prohibits individuals subject to certain restraining orders from purchasing or
45 possessing a firearm.¹⁶ Furthermore, the Lautenberg Amendment makes it illegal for individuals
46 convicted of misdemeanor domestic violence assault to purchase or possess firearms. However,
47 there are a number of gaps in the federal law, including that it does not apply to non-spouse
48 partners.

1 *Mental Illness*

2
3 According to the American Psychiatric Association, reasonable restrictions on gun access are
4 appropriate, but should not be based solely on a diagnosis of mental disorder.¹⁷ Diagnostic
5 categories vary widely in the symptoms, impairments, and disabilities of affected individuals and a
6 considerable heterogeneity exists.¹⁷ Furthermore, individuals with mental illness, when
7 appropriately treated, do not pose an increased risk of violence over the general population.¹⁸
8

9 *Suicidal Ideation*

10
11 Suicide is a leading cause of preventable death in the United States and firearms are among the
12 most lethal suicide attempt methods, with nearly 9 out of 10 attempts resulting in death. In 2015,
13 firearms were the most common method used in suicide deaths in the United States, accounting for
14 almost half of all suicide deaths.¹⁹ Over the past 15 years, the total suicide rate has increased 24
15 percent from 10.5 to 13.0 per 100,000.¹⁹ The suicide rate among males has remained approximately
16 four times higher (20.7 per 100,000 in 2014) than among females (5.8 per 100,000 in 2014).¹⁹
17

18 Physicians and other health professionals should be trained to assess and respond to individuals
19 who may be at heightened risk for violence or suicide.¹⁷ In the context of suicide prevention,
20 “lethal means counseling” refers to assessing whether a person at risk for suicide has access to a
21 firearm or other lethal means and then working with them, their family, and support system to limit
22 their access until they are no longer at elevated risk.²⁰ Counseling of suicidal patients or (for youth)
23 their parents about restricting “lethal means” may increase rates of firearm removal from the
24 home.⁶
25

26 *Community Violence/Assault*

27
28 High-risk youth presenting to an urban emergency department (ED) for assault have elevated rates
29 of subsequent firearm violence.²¹ Nearly 60 percent of assault-injured youth report violent firearm
30 aggression, victimization, and/or firearm injury within 2 years of their index ED visit.²¹ Among
31 assault-injured youth seeking urban ED care, nearly 25% report having a firearm.²² Retaliation may
32 be a significant motivation for ensuing firearm violence. This underscores the need for ED
33 screening of retaliation risk and interventions that focus on alternative means of conflict resolution.
34

35 *Childhood Injury Prevention*

36
37 The most effective measure to prevent suicide, homicide, and unintentional firearm-related injuries
38 to children and adolescents is the absence of firearms from homes and communities.¹³ The AAP
39 encourages firearm screening as a standard part of universal injury prevention screening.⁶ Parents
40 who possess firearms should be urged to prevent access by children because safer storage of
41 firearms reduces injuries. Physician counseling linked with distribution of cable locks appears to
42 increase safer storage.¹³
43

44 *Cognitive Decline*

45
46 Firearm access can pose a risk to cognitively-impaired individuals. It is estimated that as many as
47 60 percent of older people with dementia live in a home with a firearm, where there may be a
48 greater likelihood that they are not locked or unloaded. The Alzheimer’s Association suggests
49 screening for firearm access along with other safety topics (i.e., driving) as well as keeping
50 firearms locked, with ammunition stored separately.²³

1 DISCUSSION

2

3 The federal Gun Control Act makes it unlawful for certain categories of persons to ship, transport,
 4 receive, or possess firearms or ammunition. Those categories include, but are not limited to
 5 individuals convicted of a felony; unlawful users or those with addiction involving any controlled
 6 substance; individuals adjudicated as a “mental defective” or under an order of civil commitment;
 7 individuals subject to a court order restraining them from harassing, stalking, or threatening an
 8 intimate partner or child of the intimate partner; or persons who have been convicted of a
 9 misdemeanor crime of domestic violence.²⁴ However, inconsistencies in states’ reporting of
 10 disqualifying records to the National Instant Criminal Background Check System, as well as
 11 loopholes in the requirements for background checks prior to a firearm purchase, contribute to the
 12 unsuccessful identification of people who should not have firearms. Furthermore, the background
 13 check system was designed to prevent someone from purchasing a new firearm; it does not grant
 14 the authority to remove firearms from a high-risk individual who already possesses them.²⁵ A
 15 number of policies have been developed to help address those gaps.

16

17 *Temporary Firearm Transfer*

18

19 Reducing access to lethal means is an effective, evidence-based method for suicide prevention.
 20 Most states allow the private transfer of firearms without a background check, but 19 states and
 21 Washington, DC, have universal background check (UBC) laws mandating a background check
 22 whenever a firearm is transferred. While these laws make it harder for high-risk persons to acquire
 23 firearms, they could make it more difficult for patients to temporarily transfer a firearm to reduce
 24 access to lethal means.²⁶ Some UBC states have mechanisms that facilitate temporary transfers
 25 without a background check to certain persons (i.e., family members) or for certain time periods
 26 (e.g., 72 hours), but others do not.²⁷ In states with rigid UBC laws, physicians should understand
 27 existing background check requirements and exceptions so they can offer tailored advice to lower
 28 the risks facing their patient.²⁶

29

30 *Gun Violence Restraining Orders (GVROs)*

31

32 GVRO laws, also referred to as firearm restraining orders and extreme risk protection orders, give
 33 law enforcement, family members, or household members who observe an individual’s dangerous
 34 behavior and believe it could be a precursor to violence (against themselves or others), the
 35 authority to petition a court to temporarily remove firearms from the individual’s possession and
 36 prohibit them from purchasing a new firearm or ammunition.²⁸ The purpose is to target high-risk
 37 individuals on the basis of behavior, regardless of mental illness diagnosis, to reduce firearm
 38 violence.²⁹ Four states (Connecticut, Indiana, California, and Washington) have adopted this risk-
 39 based, preemptive approach to firearm removal.³⁰⁻³³ Similar laws have been introduced in 22 other
 40 states and the District of Columbia.

41

42 In 1999, Connecticut was the first state to authorize law enforcement to petition for the removal of
 43 firearms from individuals due to “a risk of imminent personal injury to himself or herself or to
 44 other individuals.”³⁰ Connecticut’s law was challenged in the courts, but was upheld by the
 45 Connecticut Appellate Court as not restricting the rights of law-abiding citizens to use arms in
 46 defense of their homes and thus, not in violation of the Second Amendment.³⁴

47

48 An evaluation of Connecticut’s risk-warrant law shows that from 1999–2013, 762 risk-warrants
 49 were issued.³⁴ Almost all gun removal subjects were male (92 percent). Nearly half of the firearm
 50 removal cases were initiated by an acquaintance, with family members initiating 41 percent of
 51 cases, and employers or clinicians initiating eight percent of cases. Suicidality or self-injury threat

1 was listed as a concern in sixty-one percent of cases, with the risk of harm to others a concern in
2 thirty-two percent of cases.³⁴ Most risk-warrant subjects did not have contact with the public
3 behavioral health system in the year before the risk-warrant was served. However, in the year
4 following firearm removal, nearly one-third (29 percent) of risk-warrant subjects received
5 treatment in the state system, suggesting the risk-warrant provided an entryway into needed mental
6 health and substance use related services.³⁴ In nearly all cases (99 percent), police found and
7 removed firearms when they conducted a search, with an average of seven firearms removed per
8 subject.³⁴ It is estimated that there was one averted suicide for every 10 to 11 firearm removals—
9 saving 72 lives over a 14 year period.³⁴

10 11 *Firearm Safety Programs*

12
13 Eighteen states have child access prevention (CAP) laws.³⁵ These laws mandate that a firearm be
14 stored so that a child or teen (the specific age varies by state) is not able to gain easy access to the
15 firearm. CAP laws do not typically mandate a specific storage method, although unloading the
16 firearm and locking it up separately from the ammunition is recommended by some researchers.
17 State CAP laws have been associated with lower rates of both accidental deaths of children and
18 suicides among teens.³⁶

19 20 RESOURCES AND RELATED ACTIVITIES

21
22 At A-17, the House of Delegates adopted policy calling on the AMA to work with appropriate
23 stakeholders to develop state-specific guidance for physicians on how to counsel patients to reduce
24 their risk for firearm-related injury or death. In addition to this report, the Council is sponsoring an
25 educational session at A-18 on “Preventing Gun Violence: What Physicians Can Do Now.” The
26 AMA is also in the process of developing an enduring continuing medical education (CME)
27 module to help physicians navigate conversations with their patients on firearm safety. The CME
28 module is expected to be available on the AMA’s education center portal by the end of the year.
29 The AMA is also working to provide physicians with state-specific guidance on firearm laws and
30 how those laws interact with firearm safety counseling.

31
32 Other resources of interest include, “What You Can Do,” a new initiative from University of
33 California Davis’ Violence Prevention Research Program designed to support health care providers
34 in reducing firearm injury and death.³⁷ This initiative brings together a growing network of health
35 care providers looking for ways to reduce firearm injury and death, with particular emphasis on
36 addressing firearm injury for populations at elevated risk.³⁷

37 38 CONCLUSION

39
40 Households with firearms are at increased risk of experiencing a homicide, suicide, or accidental
41 firearm death of a household member. Despite clinical acceptance of the need for firearm injury
42 prevention among high-risk populations, screening and counseling to increase safety is performed
43 by only a minority of physicians. A need exists for physician training to increase physician
44 confidence and self-efficacy toward counseling around firearm safety. While existing AMA policy
45 encourages physicians to educate and counsel patients on firearm safety, it does not specifically
46 address the issue of suicide. Given the prevalence of firearm suicides in the United States,
47 physicians should be trained in lethal means safety counseling as a part of their suicide risk
48 assessment and prevention efforts. Furthermore, laws in most jurisdictions do not provide the
49 authority to remove firearms from a high-risk individual who already possesses them. The AMA
50 should support common-sense laws allowing for the removal of firearms from individuals whose
51 conduct indicates a heightened risk of violence to themselves or others.

1 RECOMMENDATIONS

2

3 The Council on Science and Public Health recommends that the following statements be adopted
4 and the remainder of the report be filed.

5 1. That the following policy be adopted.

6

7 Firearms and High-Risk Individuals

8 Our AMA supports: (1) the establishment of laws allowing family members,
9 intimate partners, household members, and law enforcement personnel to petition
10 a court for the removal of a firearm when there is a high or imminent risk for
11 violence; (2) prohibiting persons who are under domestic violence restraining
12 orders, ~~or~~ convicted of misdemeanor domestic violence crimes or stalking,
13 ~~including dating partners,~~ from possessing or purchasing firearms; (3) expanding
14 domestic violence restraining orders to include dating partners; (4) requiring states
15 to have protocols or processes in place for requiring the removal of firearms by
16 prohibited persons; (4~~5~~) requiring domestic violence restraining orders and gun
17 violence restraining orders to be entered into the National Instant Criminal
18 Background Check System; and (5~~6~~) efforts to ensure the public is aware of the
19 existence of laws that allow for the removal of firearms from high-risk
20 individuals. (New HOD Policy)

21

22 2. That Policy H-145.975, “Firearm Safety and Research, Reduction in Firearm Violence, and
23 Enhancing Access to Mental Health Care,” be amended by addition and deletion to read as
24 follows:

25

26 H-145.975 Firearm Safety and Research, Reduction in Firearm Violence, and
27 Enhancing Access to Mental Health Care

28 1. Our AMA supports: a) federal and state research on firearm-related injuries and
29 deaths; b) increased funding for and the use of state and national firearms injury
30 databases, including the expansion of the National Violent Death Reporting
31 System to all 50 states and U.S. territories, to inform state and federal health
32 policy; c) encouraging physicians to access evidence-based data regarding firearm
33 safety to educate and counsel patients about firearm safety; d) the rights of
34 physicians to have free and open communication with their patients regarding
35 firearm safety and the use of gun locks in their homes; e) encouraging local
36 projects to facilitate the low-cost distribution of gun locks in homes; f)
37 encouraging physicians to become involved in local firearm safety classes as a
38 means of promoting injury prevention and the public health; and g) encouraging
39 CME providers to consider, as appropriate, inclusion of presentations about the
40 prevention of gun violence in national, state, and local continuing medical
41 education programs. 2. Our AMA supports initiatives to enhance access to mental
42 and cognitive health care, with greater focus on the diagnosis and management of
43 mental illness and concurrent substance abuse disorders, and work with state and
44 specialty medical societies and other interested stakeholders to identify and
45 develop standardized approaches to mental health assessment for potential violent
46 behavior. 3. Our AMA (a) recognizes the role of firearms in suicides, (b)
47 encourages the development of curricula and training for physicians with a focus
48 on suicide risk assessment and prevention as well as lethal means safety
49 counseling, and (c) encourages physicians, as a part of their suicide prevention

- 1 strategy, to discuss lethal means safety and work with families to reduce access to
- 2 lethal means of suicide. (Modify Current HOD Policy)
- 3 3. That Policies, H-145.976, “Firearm Safety Counseling in Physician-Led Health Care
- 4 Teams,” H-145.990, “Prevention of Firearm Accidents in Children,” and H-145.997
- 5 “Firearms as a Public Health Problem in the United States - Injuries and Death” be
- 6 reaffirmed. (Reaffirm HOD Policy)

Fiscal Note: Less than \$1,000

REFERENCES

1. Centers for Disease Control and Prevention, National Center for Injury Prevention and Control C. Fatal Injury Reports, 1999-2015. Accessed March 19, 2018.
2. Fowler KA, Dahlberg LL, Haileyesus T, Annet JL. Firearm injuries in the United States. *Prev Med.* 2015;79:5-14.
3. Centers for Disease Control and Prevention. Non-Fatal Injury Reports, Injury Prevention & Control: Data & Statistics (WISQARS). Accessed March 19, 2018.
4. Gani F, Sakran JV, Canner JK. Emergency Department Visits For Firearm-Related Injuries In The United States, 2006-14. *Health Aff. (Millwood)* 2017;36:1729-1738.
5. Anglemyer A, Horvath T, Rutherford G. The accessibility of firearms and risk for suicide and homicide victimization among household members: a systematic review and meta-analysis. *Ann Intern Med.* 2014;160:101-110.
6. Roszko PJ, Ameli J, Carter PM, Cunningham RM, Ranney ML. Clinician Attitudes, Screening Practices, and Interventions to Reduce Firearm-Related Injury. *Epidemiol Rev.* 2016;38:87-110.
7. Wintemute GJ, Betz ME, Ranney ML. Yes, You Can: Physicians, Patients, and Firearms. *Ann Intern Med.* 2016;165:205-213.
8. FL HB 155 (2011)
9. *Wollschlaeger v. Governor of the State of Florida*, No. 12-14009 (11th Cir. 2017).
10. Minn. Stat. §144.05
11. Mo Rev. Stat. § 571.012.
12. Mont. Cod Ann. § 50-16-108.
13. American Academy of Pediatrics. Firearm-Related Injuries Affecting the Pediatric Population. *Pediatrics.* 2012;130.
14. Campbell JC, Webster D, Koziol-McLain J et al. Risk factors for femicide in abusive relationships: results from a multisite case control study. *Am J Public Health.* 2003;93:1089-1097.
15. U.S. Department of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Program Data: Supplementary Homicide Reports, 2013. Accessed March 19, 2018.
16. The Violent Crime Control and Law Enforcement Act of 1994, Pub.L. 103–322.
17. American Psychiatric Association. Position Statement on Firearm Access, Acts of Violence and the Relationship to Mental Illness and Mental Health Services. Accessed March 19, 2018.
18. Rueve ME, Welton RS. Violence and mental illness. *Psychiatry.* 2008;5:34-48.
19. National Institute of Mental Health. Suicide. Available at <https://www.nimh.nih.gov/health/statistics/suicide.shtml>. Accessed March 19, 2018.
20. Harvard T.H.Chan School of Public Health. Means Matter: Lethal Means Counseling. Available at <https://www.hsph.harvard.edu/means-matter/lethal-means-counseling/>. Accessed March 19, 2018.
21. Carter PM, Walton MA, Roehler DR et al. Firearm violence among high-risk emergency department youth after an assault injury. *Pediatrics.* 2015;135:805-815.
22. Carter PM, Walton MA, Newton MF et al. Firearm possession among adolescents presenting to an urban emergency department for assault. *Pediatrics.* 2013;132:213-221.
23. Alzheimer's Association. Firearm Safety. Available at https://www.alz.org/documents_custom/firearm-safety.pdf. Accessed March 19, 2018.
24. 118 U.S.C. § 922(g).
25. Swanson JN, Norko MA, Lin H, et al. Implementation and Effectiveness of Connecticut's Risk-Based Gun Removal Law: Does It Prevent Suicides? *Law and Contemporary Problems.* 2016;80:179-208.

26. McCourt AD, Vernick JS. Law, Ethics, and Conversations between Physicians and Patients about Firearms in the Home. *AMA J Ethics*. 2018;20:69-76.
27. McCourt AD, Vernick JS, Betz ME, Brandspigel S, Runyan CW. Temporary Transfer of Firearms From the Home to Prevent Suicide: Legal Obstacles and Recommendations. *JAMA Intern Med*. 2017;177:96-101.
28. Frattaroli S, McGinty EE, Barnhorst A, Greenberg S. Gun Violence Restraining Orders: Alternative or Adjunct to Mental Health-Based Restrictions on Firearms? *Behav Sci Law*. 2015;33:290-307.
29. Vernick JS, Alcorn T, Horwitz J. Background Checks for all Gun Buyers and Gun Violence Restraining Orders: State Efforts to Keep Guns from High-Risk Persons. *J Law Med Ethics*. 2017;45:98-102.
30. CONN. GEN. STAT. § 29-38c (1999).
31. IND. CODE ANN. § 35-47-14 (2006).
32. CAL. PENAL CODE § 18100 (2016).
33. Washington Individual Gun Access Prevention by Court Order, Initiative 1491 (2016).
34. *State v. Hope*, 133 A.3d 519 (Conn. App. Ct. 2016).
35. Webster DW, Wintemute GJ. Effects of policies designed to keep firearms from high-risk individuals. *Annu Rev Public Health*. 2015;36:21-37.
36. Cummings P, Grossman DC, Rivara FP, Koepsell TD. State gun safe storage laws and child mortality due to firearms. *JAMA*. 1997;278:1084-1086.