Buying a handgun for someone else: firearm dealer willingness to sell

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Objective: To examine firearm dealer willingness to sell when a handgun is being purchased for another person. US law requires a background check of the purchaser but not the end user of a firearm.

Subjects and methods: A total of 120 handgun dealers (six from each of the 20 largest US cities with 10 or more dealers) participated in telephone interviews. Dealers within each city were randomly assigned to a male or female interviewer and then randomly assigned to one of three purchase conditions—when the consumer said that the handgun was for him/herself, a gift for a girl/boyfriend, or for a girl/boyfriend “because s/he needs it”.

Results: Most dealers were willing to sell a handgun regardless of the end user (self: 87.5%; gift: 70.8%; “need”: 52.5%). Multivariate analyses indicate that dealers in the Midwest, South, and West were more willing to sell than those in the Northeast (adjusted odds ratio (AOR) = 21.30, 18.74, and 8.93, respectively) and that willingness to sell is lower when the sale would be illegal, that is, under the “need” condition (AOR = 0.20).

Conclusions and implications: Dealers are in a position to exercise judgment when a customer is explicit about buying a firearm for someone else. Some appeared willing to ignore or sidestep relevant information even when told that the end user was prohibited from purchasing a firearm him/herself. In the absence of federal handgun registration, which would track ownership changes, resources with which to conduct compliance checks (for example, as are conducted to identify retailers who sell tobacco or alcohol to under-age persons) seem warranted.

In the US, efforts to reduce firearm related morbidity and mortality include keeping guns out of the hands of certain people (for example, felons, those adjudicated mentally ill). Regulating the actions of all people who purchase guns in the US (over four million domestically produced guns were sold in the US in 1999) is extremely difficult. Regulating firearm dealers is one such effort to assert control over who is able to obtain a firearm. A federal firearms license (FFL) is required of anyone who is “regularly involved in the business of selling firearms at wholesale or retail”1; there were 104 840 FFLs in the US in 2001. FFLs, which are subject to federal oversight, are the point of purchase of most (60%–70%) guns each year.1

One focus of recent firearm policy debate is whether and how to require firearm manufacturers to take responsibility for the distribution of their products. More than 30 US cities and counties have filed lawsuits, many on this basis, against firearm manufacturers trying to hold them accountable for firearm violence. As noted in some of the legal cases, it is believed that many gun dealers facilitate—sometimes willingly and sometimes passively—the movement of guns from the legal to the illegal market.2 The primary observation is that, despite laws and regulations, individual dealers are able to exercise a fair amount of judgment in their sales of firearms. To our knowledge, published peer reviewed literature on firearm dealer sales behavior is virtually non-existent.

In the present study, we focus on firearm dealers and their willingness to sell a handgun in a situation like a “straw purchase”. A straw purchase is defined as when a person who is not so authorized (for example, a felon) or when the purchaser conceals ‘the identity of the true intended receiver of the firearm(s)’ (Department of the Treasury, Bureau of Alcohol, Tobacco, and Firearms; glossary). Under federal law, a person may not knowingly purchase a firearm for a person who is prohibited from doing so him/herself, and dealers are prohibited from selling or delivering “any firearm to any person in any state where the purchase or possession by such person of such firearm would be in violation of any state law or any published ordinance…”3

We focus on handguns rather than shotguns or rifles because handguns are used disproportionately in crime and suicide.4-6 We also examine the role of purchaser gender. Women are not common purchasers of firearms; only 8% of women (compared with 35% of men) have ever purchased a handgun.7 A widely held belief among law enforcement is that when a woman buys a handgun, she is buying it on behalf of her boyfriend or husband; available data support this assumption.7 And, friends and family are the primary persons who are asked to and who do purchase guns for firearm traffickers, incarcerated offenders, and high school students.8-10 In addition, recent research suggests that female gender is the single largest correlate of multiple purchase handguns, guns that may be more likely than others to be used in crime.8 We, therefore, examine whether the intended user affects firearm dealer willingness to sell.

METHODS
Six handgun dealers from each of the 20 largest cities in the US that had 10 or more dealers participated in the research. (A power analysis was conducted before data collection to determine the number needed to detect meaningful differences.) A list of US cities, ranked by size, was used to identify potential cities.11 We identified dealers listed in an internet business directory under the keywords of “guns”, “gun dealers”, and “firearms”.

Cities with fewer than 10 dealers listed were eliminated and replaced with the next largest city. Six firearm dealers were randomly selected from the listings for each city. Additional dealers were randomly selected when necessary (for example,
when a dealer did not sell handguns). Dealers were grouped by region of the country into Northeast (Baltimore, New York City, Philadelphia), South (Memphis, Nashville, Jacksonville, Oklahoma City, Houston, Dallas, San Antonio, El Paso, Austin, Fort Worth), Midwest (Cleveland, Indianapolis), and West (Boulder, Phoenix, Los Angeles, San Diego). Population sizes ranged from over eight million (New York City) to about one half million (Oklahoma City).

Dealers within each city were randomly assigned to one of two interviewers, one male and one female. Interviewers called the sampled firearm dealers posing as potential handgun purchasers. Interviewers followed a predeterminated script that began with “Hi, do you sell handguns?” If not, the dealer was thanked and the call was terminated. If the dealer said yes, the interview continued with one of three priori randomly assigned conditions, specifically: (1) “I’m looking to buy a handgun for myself,” (2) “I’m looking to buy a handgun for my [girl/boyfriend] for his/her birthday,” or (3) the intentionally ambiguous situation of “My girl/boyfriend needs me to buy her/him a handgun.” The interviewer continued with “I’ve never done this before. What do I need to know?” The script and answers to anticipated questions (for example, “How much do you want to spend?”) were pilot tested with 10 gun dealers across the US who were not from the sampled cities. Each pilot call was observed by the other interviewer and an attempt was made to standardize tone, style, and other speech patterns.

The callers took notes during all interviews and completed a brief questionnaire immediately after each call. Participation rate was 100%. Clerks who answered the phone were not made aware that they were participating in a study.

Attempts to persuade can reasonably be expected to be used by potential purchasers, therefore, when a clerk was unwilling to sell a handgun to the caller, the interviewers were instructed to gently attempt to persuade him or her (for example, “Is there any way I can do this—is there any way we can work it out?”). Five of the 28 conversion attempts were successful; we classified the converted cases (n = 5) as willing to sell. Ten clerks gave a response that could not be classified as a clear yes or no which was recorded as a “might” or “maybe”. Given that an equivocal response is not a likely outcome in an in-person transaction, we adopted a conservative approach and required an affirmative response for inclusion in the “willing to sell” category; when a dealer indicated that s/he “might” sell, it was coded as a “no”.

Frequencies and Fisher’s exact tests were calculated to examine differences related to the manipulated variables, that is, interviewer gender and sales condition. Multivariate logistic regressions that took into consideration study variables, that is, interviewer gender and sales condition, and geographic region were used to predict dealer willingness to sell. Logistic regression analyses examining differences related to the manipulated variables, that is, interviewer gender and sales condition. Multivariate logistic regressions examined the role of the legality of the sale.

Under federal law, licensed firearm dealers may legally sell a firearm to any person who is not a prohibited purchaser (for example, a convicted felon) including guns that will be given as a gift. In most cases, however, a licensed dealer may not knowingly sell a firearm to someone who the dealer knows is not the intended possessor, independent of the intended possessor’s eligibility. To determine whether it is legal under state laws for a dealer to sell a handgun when purchased as a gift, we contacted nine law enforcement agencies in seven different states. Responses ranged from the openly unsure (for example, “That’s a tricky question right there”) to the tentative (for example, “I’m pretty sure it’s legal”), to the incorrect (for example, “Federal law says no for handguns”). Given this inconsistent information, we sought the assistance of two attorneys, a former Assistant United States Attorney and an attorney specializing in firearm policy. They reviewed relevant federal and state statutes and judged whether it was legal for the dealer to sell a handgun under each condition in the specific state. The independent evaluators differed only on the basis of which condition was legal in Indiana. Data were analyzed with Indiana classified each way; substantive findings were the same. To facilitate presentation of the findings, results are presented with Indiana classified as allowing gift sales.

The research was reviewed and approved by UCLA’s Internal Review Board.

RESULTS

Willingness to sell

Most (70.8%) dealers indicated that they were willing to sell a handgun to the caller regardless of the stated end user of the gun. Willingness to sell differed by sales condition (p = 0.003). As shown in table 1, dealers were willing to sell a handgun 87.5% of the time when the caller stated that the handgun was for him/herself. (Dealer refusal to sell under this condition occurred when the interviewers, when asked, revealed that they did not meet residency or license requirements for the purchase.) When the caller stated that the handgun would be a gift, 72.5% of the dealers indicated they would sell the gun. One half (52.5%) indicated they would sell a handgun to the caller when told it was for a girl/boyfriend “who needs it”.

Dealers were equally willing to sell a handgun to male and female callers (70.0% vs 71.7%). (When “maybe” was included as a category, male callers were more likely to be given an outright “no” (28.3% vs 13.3%), whereas females were more likely to be told that she “might” be able to get the gun (15.0% vs 1.7%).) Although the proportion of dealers who were willing to sell a handgun when it was for the girl/boyfriend was identical (62.5%) for the interviewers, the proportion differed according to the rationale provided: a higher proportion were willing to sell to the male than the female interviewer when the gun would be a gift (80.0% vs 65.0%) but a lower proportion were willing to sell to him than her when it was for a girl/boyfriend who needs it (45.0% v 60.0%).

A finding that emerged from the data, not postulated a priori, is that of geographic region. Dealers in the Northeast were

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<td>Total (n=120)</td>
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Note: cell percents are shown. Statistical tests are reported in the text.
**Buying a handgun for someone else**

Handgun dealers and the law

Selling a handgun would be illegal under the “need” condition (n = 40), yet one half (52.5%) of the dealers were willing to do so. If the sale was legal, 80.0% were willing to do so. The legality of the sale was related to dealer willingness to sell (p = 0.003). Some dealers appeared to be aware of, but willing to work around, limitations placed by the law, as evidenced by the following exchanges: Interviewer: “Is there a problem with me buying it for my girlfriend?” Dealer: “As long as we don’t know about it. It’s personal business”. Or, “First thing, don’t ever tell anyone you’re buying a gun for someone else because it’s against the law”. In several cases, dealers suggested that the caller contact another specific dealer, indicating that they may be aware of someone who might be willing to sell under these circumstances.

Multivariate analyses

Multivariate logistic regressions were used to assess the independent effect of the type of sale, caller gender, and geographic region. The first regression tests the role of interviewer gender and type of sale (see table 2, model I). Dealers were less likely (adjusted odds ratio (AOR) = 0.38) to say that they would sell a handgun intended to be a gift than for personal use. Although this finding is substantively important, it is not of statistical significance (p = 0.11). Dealers were less willing (AOR = 0.16; p = 0.001) to sell a handgun if the caller indicated it was a purchase intended for a girl/boyfriend because s/he needs it.

Adding geographic region to the regression (see model II) improved the fit of the model substantially (p = 0.001). The strengths of the multivariate analyses in states that contain over half (53%) of the US population22 and 35.5% of the FFLs (federal firearm licensees) in the US.

Several matters warrant comment when interpreting the findings. First, dealers’ stated intent may not correspond to their actual behavior. Although not necessarily a usual business practice, some dealers may say that they would sell a handgun while on the telephone but not do so if the potential customer was on-site. Alternatively, some dealers might resist persuasion attempts on the telephone but might yield to in-person pressure. Second, employees likely vary in their knowledge of and compliance with firearms laws such that if an interviewer had spoken with a different clerk at the same retailer, s/he might have received a different answer. Although personnel training may vary across and within stores, one “bad” clerk can implicate the entire dealership. Third, the effect of price on willingness to sell is not clear. If asked how much they were willing to spend, interviewers stated “about $300”. Handguns are available for less and for substantially more. Perhaps dealer behavior would differ depending upon the amount of money a customer was willing to spend. Fourth, the effect of dealer location (that is, rural or urban) is unknown because the sample included only urban dealers. Fifth, the effect of state level regulation of firearm dealers is unknown as not examined in this study. Sixth, we did not attempt to ascertain whether the participating dealers held FFLs. One could assume that, if listed in a telephone directory, the dealer is “regularly involved in the business of selling firearms at wholesale or retail” and should have an FFL.2 It was not possible, however, to ascertain this information without arousing undue suspicion. And, finally, although only two or three dealers seemed to be suspicious of the interviewers, skeptics may wonder whether the dealers were simply “playing along” with the caller.

To address the latter concern, we made 20 additional calls after the study was complete. A dealer was randomly chosen from each city and randomly assigned to each interviewer. The interviewer opened with “My girl/boyfriend needs me to buy

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AOR, adjusted odds ratio; CI, confidence interval.

Note: each regression took into account the variables that are listed.
A primary focus of both criminal justice and public health efforts has been keeping guns out of the hands of those who should not have them. The US government has allocated the primary responsibility to firearm dealers for monitoring that guns are not sold to persons who are prohibited by law from buying one. An experimental study of handgun dealers in the 20 largest cities in the US found that dealers generally are willing to sell to a potential customer regardless of whether the gun is for his or her own use or for use by another person. Although dealers were less willing to make a sale when the sale would be illegal, more than half were willing to sell a handgun even when it would be illegal to do so.

Implications for prevention
Buying a handgun for another person may be a generous act intended to improve the recipient's ability to protect him/her/herself. It also can provide legal cover for the recipient of the handgun. It also can provide legal cover for the recipient of the gun. Buying a handgun for another person may be a generous act intended to improve the recipient's ability to protect him/her/herself. It also can provide legal cover for the recipient of the gun.

REFERENCES
2. 18 USC § 921(a)(11)
8. Gun Control Act of 1968, 18 USC § 922 (d) and (g).
Can martial arts falling techniques prevent injuries?

Although falling techniques are taught to martial artists, athletes and paratroopers, a BMJ search of Highwire listed journals has discovered no mention of “falling correctly”, “safe falling”, etc. “Reducing the force of impact of a fall on people’s bones” is discussed.1 But the literature mentions no impact reduction techniques except for hip protectors. Exercise and muscle power in old age are recognized as helping regain balance after tripping,2 but not all falls are preventable. So perhaps safe falling should also be explored.

One finds discussion of types of fall, with no discussion of those who were trained in falling.3 Studies of reactions to slipping do not distinguish athletes and martial artists from other healthy subjects.4 Tai Chi is mentioned as appropriate exercise for the prevention of falls,5 but unlike the Japanese arts, Tai Chi does not teach falling.

Although correct falling is neglected in the medical literature, there is much semi-scientific literature by martial arts masters. An internet search for “falling correctly” yields useful information.

The ease with which martial arts teachers can show even very hard falls suggests the hypothesis that falling practice while relatively young can prevent injury from falls incurred later in life.

A Japanese study of 11 deaths and serious injuries in aikido from 1972–75, listed eight vent injury from falls incurred later in life.6 There are plenty of anecdotal evidence of martial artists coming out safely from quite dangerous falls. So although martial arts falling techniques may not be a solution for the general population, they may be so for a minority. It remains to be seen whether safe and enjoyable methods might be developed to teach selected falling techniques to the general population.

Acknowledgement

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References


New trends in suicide in Japan

Suicide is the 10th leading cause of mortality in the world. It is just as common as road traffic deaths1 and a leading cause of death among the young. 2002 was the fifth consecutive year where there were more than 30 000 suicide deaths. The rate in Japan, 25 per 100 000, greatly exceeds that of the UK (7.4 per 100 000) and that of the US or Germany, 12 and 15.8, respectively.2 In 2002, 32 143 suicides were reported; this is an increase of 3.5% from 2001.

In Japan suicide victims are mostly young adults. Among those 15–24 and 40–54 it is the second leading cause of death and in 25–39 year age group it is the leading cause of death.3 The rate in middle aged men (40–54 years) was five times higher than in women, perhaps because of the association between suicide, unemployment, and economic recession.4 The suicide rate per 100 000 population in Japan increased from 1995 to 2000: 17.2 in 1995, 23.4 in 1996, 25.0 in 1999, and 24.1 in 2000 (source: Vital Statistics 2000).5

Suicide is a public health problem that requires an evidence based approach to prevention.6 The stigma associated with suicide and mental illness prompts the view that there are shameful or sinful conditions. This is also a barrier to treatment for persons with suicidal desires or who have attempted suicide in the past.7 Many suicides are preventable but as with other injuries, effective suicide prevention programs require commitment and resources.

Acknowledgement

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References


Further reflections on the seatbelt use and effectiveness issue

In a recent letter, Cummings and Rivara misstate my point regarding changes in estimated belt effectiveness in the mid-1980s using the comparison of front seat occupant pairs. They cite my statement, “What is not explained by the theory [about misclassification of seatbelt use by police] is the sudden gap in police reported use by the dead and survivors that appeared in the mid-1980s” as faulting them for not explaining why prevalence of seatbelt use changed from 1975 to 1998. How could anyone who uses the English language with a modicum of proficiency interpret “sudden” as 23 years and “gap in police reported use by the dead and survivors” as general prevalence of belt use?

Actually, a cursory look at the graph in Cummings paper that I critiqued indicates that the major reduction in risk ratios indicative of seatbelt effectiveness occurred during a short period in the mid-1980s when belt use laws were being debated and initially enacted in a few states. I noted that this debate could have changed police behavior in belt use classification in crashes, a point they ignored. I also pointed out that reductions in deaths related to on-road observations of belt use
prevalence controlling for other factors do not support their claim of 65%–70% belt effectiveness when used, a point they ignored.

I understand the distinction between what they call differential and non-differential classification. In a 1976 paper, I indicated how a small systematic error by police in assessing seatbelt use in crashes would result in a large error in estimating belt effectiveness, a paper which Cummings dismissed as expressing “concern.” Cummings claims that his comparison of NASS investigators’ reports and police reports of belt use support the non-differential classification theory but that assumes that the NASS investigators possess the gold standard for assessing belt use. One of the major criteria for acceptance of research findings is plausibility. The risk ratios derived from post-1984 FARS and NASS data are not plausible given changes in belt use and death rates controlling for other factors.

So what is the big deal if seatbelts are standard equipment and reduce injury? Excessive claims of belt effectiveness lead to overemphasis on increasing belt use to the neglect of other needed policies. Belt use in the US is near 70% and yet about 32,000 occupants of passenger cars, sport utility vehicles, and light trucks are dying each year in collisions. In recent US Congressional hearings on safety of sport utility vehicles, for example, spokespersons for the auto industry claimed that belt use is low in fatal sport utility vehicle rollovers, based on erroneous police reports in FARS, as if low belt use absolved the industry of making stable vehicles. If belt use were 100%, many people would nevertheless die and be maimed in rollovers of vehicles that are unnecessarily unstable. Assessing belt use after the fact of a rollover is particularly problematic because crash forces in the body area where the belt touches the person are severe in a laterally rotating vehicle than in more direct impacts with other vehicles and objects, so that belt marks on the torso may be less evident and damage to the belt is less likely. People die more from head injury when the roof crushes in, or they impact surfaces external to the vehicle if they are ejected. Police officers, and apparently NASS investigators, too often assume that an ejected occupant was unbelted when, in fact, rotation of the vehicle results in occupant slippage out of belts in some cases and belts becoming unlatched due to impact on the latches in others. In both rollovers and non-rollovers, crash investigators may assume non-use of belts simply because the occupant died.

In a second letter, Koepell et al also misrepresent what I wrote about their ill-considered use of imputation of missing values. They quote my statement, “...missing data on velocity changes in crashes were imputed partly from injury severity scores, again a cause imputed from an effect and then used as a control in the study, a true scientific ‘no-no’.” They construe that statement as saying that “Robertson argues that measures of crash outcome should not be used to impute values on a covariate which will later enter the main analysis as a predictor of crash outcome.” In fact, I would not publish a study if I had to rely on imputed data. In my opinion, studies should not have diagnosis of any traumatic injury. This reference book is a compendium of chapters that review the state-of-the-art in biomechanics research and has been revised, updated, and expanded from its first edition in 1993. It is a chapter on particular body regions as well as chapters on related topics such as “Anthropomorphic test devices” (chapter 4), “Instrumentation in experimental design” (chapter 2), and “Occupant restraint systems” (chapter 8). New chapters include “Injury risk assessment based on dummy responses” (chapter 5), “Airbag inflation-induced injury biomechanics” (chapter 9), and “Pediatric biomechanics” (chapter 21).

The two editors, Alan Nahum, MD and John Melvin, PhD are recognized leaders in trauma medicine and injury biomechanics. In this volume they have brought together many of the seminal researchers in the fields of biomechanics and human traumatic injury research. The author of each chapter is an internationally recognized expert in the field who builds on his/her direct experience with these topics to provide an exhaustive review. The target audience for this book includes physicians, attorneys, biomedical researchers, and mechanical, biomedical, and automotive engineers. Injury prevention professionals with limited engineering background may find the technical and theoretical underpinnings of the injury mechanisms contained in many of the chapters too detailed and complex and may find the language not accessible. Most of the chapters have little to do with a syndromic or practical injury prevention applications of the research findings. A few chapters deserve special mention for their relevance to this audience. “Occupant restraint systems” by Koepell et al (chapter 8) provides a very readable discussion of the principles of physics that govern the performance of seatbelts and airbags and identifies many upcoming technological developments that may significantly improve outcomes. I have been impressed with the breadth of the scientific and practical implications of the work that has been done in this area. “Child passenger protection” by Kathleen Weber (chapter 21) quickly reviews some of the concepts discussed in more detail in chapters 8 and 12 and highlights the precautionary principle. Any principles apply to children. There is a valuable collection of line drawings clearly illustrating the different types of child restraint systems.

The value of this book for the above stated audiences is that it can provide direction in understanding decades of biomechanics research by identifying key references for each topic. It is for this reason that American Association for Traffic Medicine should be considered a crucial reference book for anyone involved in biomechanical research of traumatic injury. Many of these references are in engineering conference proceedings that would not appear in any traditional Medline literature search. Although not stated in the book, many of the references can be obtained through the Society of Automotive Engineers publications library at www.sae.org. For physicians who have relied on medical journals to remain current on this type of research, this book will open the gateway to an extremely rich and robust parallel body of literature of which they may have previously been unaware. Due to the technical nature of many of the topics, the book may encourage joint study of a topic by both medical personnel and engineering researchers thereby enhancing their research efforts.

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www.injuryprevention.com
Looking Beneath the Surface of Agricultural Safety and Health.


Agriculture is a very dangerous occupation and a complex industry. Health and safety initiatives must account for a wide spectrum of variables such as economic conditions; technology; minimal regulatory controls; the range in workers’ ages; and many issues influenced by culture, ethnicity, and tradition. Despite a significant increase in federal funding for agricultural health and safety since 1990, when compared with other occupations, the expected reduction in injuries has not occurred. Agricultural health and safety specialists are often perplexed and frustrated with the minimal impact of their efforts.

Dennis Murphy is a national authority on agricultural health and safety, with three decades’ experience in the field. This 100 page book is the result of a recent sabbatical at the National Institute for Occupational Safety and Health (NIOSH) which he used to trace the roots of the agricultural health and safety movement, analyze major influences on safety initiatives, and to suggest strategies for the future.

There are seven chapters, each having a broad introduction and a clearly stated summary. Ample tables, figures and appendices highlight major points, and references are clearly and accurately cited. In the first three chapters the author argues that agricultural safety and health have been “compassion driven” rather than “evidence” or “theory driven” and provides the background for understanding both the opportunities and barriers created by the multidisciplinary nature of agricultural health and safety. Major programs, including the NIOSH-led National Agricultural Health and Safety Initiative, are then described.

Chapter 4 provides an excellent overview of major challenges to agricultural safety and health. The author describes what he calls the farm safety paradox, the incongruence between farm people’s safety knowledge, values, and practices. This paradox appears throughout the book, with suggestions on measures to understand and address it through eva

The moment when epidemics change and reach their critical mass is called “The tipping point”, a point borrowed from epidemiology. Gladwell recognised that tipping points might happen anywhere and began to look for examples. “The best way to understand the dramatic transformation... or any number of mysterious things that mark everyday life”, he writes “is to think of them as epidemics. Ideas and products and messages and behaviours spread just like viruses does.”

Though the book regularly refers to epidemics in the well known context, its message primarily relates to starting epidemics, not stopping them. Gladwell wants people to start “positive” epidemics of their own. He feels that the concept could work for those trying to create a change with limited resources, citing examples such as a breast cancer activist who wanted to spread knowledge and awareness of breast cancer and diabetes in a particular community. He accomplishes this by presenting a kind of blueprint for the rise of any social epidemic.

Comprehending the tipping point and its role in social epidemics involves understanding three “rules”: the law of the few, the stickiness factor, and the power of context. Gladwell contends that creating an epidemic requires a few agents of change to create a way to get people to deliver the message. The “stickiness factor” or the change in the message that makes it more contagious or memorable can create a very powerful. Even small changes can make a difference in how a message sticks with us. Finally, the tipping point can occur in context or within the environment in which the message must thrive and spread. If the context in which a message is delivered isn’t working or tipping, change it to suit the potential contagion more effectively.

The message Gladwell imparts is essentially a positive one—in a confusing and often counterintuitive world, “tipping points are a reaffirmation of the potential for change and the power of intelligent action”. This is an idea in which all of us can take comfort.

The Tippe


The Tipping Point, first published as articles in the New Yorker and then in book form in 2000, offers a fascinating look at a concept well known to public health professionals—the epidemic. The book takes the concept a step further to examine social epidemics. In the age of AIDS and SARS, Malcolm Gladwell offers insights that might be of use in examining new epidemics, as we observe the social and health impact of epidemics on individuals, institutions, and economies. The book is never less than engaging and erudite, if occasionally a bit redundant.

Gladwell, a formidably talented writer, has a gift for explaining the complex in clear, entertain

Getting Research Findings into Practice. 2nd Ed.


This book is a response to the ongoing interest in the uptake of research findings. The editors have covered a broad spectrum of the issues related to translating research findings into clinical practice. The list of authors and contributors from around the world is both comprehensive and impressive.

The book starts out with basic information chapters that cover such topics as establishing criteria for the implementation of research evidence, sources of information on clinical effectiveness, and dissemination methods. Included in the information chapters is an overview of systematic reviews related to the implementation of research findings by healthcare personnel. For example, the authors provide summaries of the results of 41 systematic reviews, including almost 1500 studies.

Subsequent chapters related to implementing research findings into practice give several
examples from clinical practice (mainly from obstetrics), and discuss the challenges of implementation, how to use research results in the translation into practice, and an overview of the barriers and bridges to evidence based clinical practice. One chapter addresses the unique challenges of implementing research findings in developing countries.

There are some practical guidelines and tools. The two chapters on decision support and decision analysis, for example, provide both theoretical and practical information about how to conduct and apply decision analysis. The concept of opportunity costs and new options for encouraging implementation of results from economic evaluations are also addressed.

The chapter on evidence based policy making is the one most likely to be relevant to injury prevention researchers. It is also the only chapter to mention injury prevention strategies. The authors mention legislation as one policy that may arise from strong evidence. The author of this chapter, however, does not appear to support legislation as an element of policy. “Typically, therefore, legislation requires much stronger evidence before it can be introduced, particularly when paternalistic legislation designed to protect one group may harm others”. Citing the introduction of seatbelt legislation as one example of legislation, the author of this chapter points out that seatbelt legislation was not enacted until the evidence for the effectiveness of seatbelts was strong. No further mention of injury prevention initiatives ensues, in fact much of the rest of the policy chapter focuses on screening programs as policies.

While well written and essential reading for those in clinical practice, the book is of limited use to most injury prevention researchers. The examples are primarily related to how to get clinicians (mostly doctors) to change their practice to reflect current evidence. Although some of the tools and concepts (such as decision analysis) are broadly applicable, those who are searching for the best way to translate injury prevention research into evidence based practice will be disappointed. For multifaceted problems such as those typically encountered in injury prevention, both the evidence and the translation into practice are notably absent here.

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CORRECTION

We regret that due to an oversight the acknowledgements were omitted from the paper by Sorenson and Vittes published in the June issue (Sorenson SB, Vittes JK. Buying a handgun for someone else: firearm dealer willingness to sell. Inj Prev 2003;9:147–50). The acknowledgements are as follows:

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LACUNAE

Measured responses to improve safety

Even in serious matters there can be something to laugh at. Privacy International has sifted through 5000 nominations from 35 countries to find awardees for stupid mechanisms for increasing security. The Delta Terminal at JFK Airport in New York won an award for flagrant intrusion by forcing a woman to drink three bottles of her own breast milk for fear the bottles contained explosives or chemicals. London’s Heathrow Airport won an award for quarantining a quantity of “Gunpowder” green tea—the tea was released but the labels were confiscated and destroyed. Australians will be proud that the national $15 million (US$ 9m) campaign to educate Australians about terrorism won the Most Egregiously Stupid Award. The kit, including a fridge magnet, urged them to report anything suspicious while asking them to be “alert but not alarmed” (from the Sydney Morning Herald, April 2003; submitted by Ian Scott).