



COUNTY OF SAN DIEGO

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CLERK OF THE BOARD
OF SUPERVISORS

COUNTY OF SAN DIEGO

BOARD OF SUPERVISORS

1600 PACIFIC HIGHWAY, ROOM 335, SAN DIEGO, CALIFORNIA 92101-2470

AGENDA ITEM

DATE: March 27, 2018

TO: Board of Supervisors

SUBJECT

APPLYING PRESSURE TO IMPROVE SURVIVAL (DISTRICTS: ALL)

OVERVIEW

When mass shootings occur in communities across the United States, each incident often inflicts grievous wounds to numerous innocent civilians, making it difficult for first responders to treat victims on the scene and transport them to a medical facility. Traumatic injuries that cause a rapid loss of blood are not just limited to mass shooting events. The top five trauma related injuries in San Diego County are caused by falls, motor vehicle accidents, assaults, motorcycle accidents and pedestrian incidents.

When a traumatic injury occurs, oftentimes the injury is to the extremities. Controlling bleeding immediately is the most effective way to save a life. Soldiers on the battlefield, law enforcement, firefighters and paramedics in our communities all carry and use tourniquets to control bleeding of the extremities. Studies have shown that quickly applying a tourniquet greatly enhances an individual's chances for survival following a traumatic injury involving major bleeding.

In San Diego County, the Stop the Bleed program is administered by the Trauma Research and Education Foundation (TREF). TREF has trained and educated local medical practitioners, businesses and the public on the use of tourniquets and Stop the Bleed protocols. The Stop the Bleed program teaches several ways to control the bleeding, but the most proficient way to control bleeding of the extremities is through the use of a tourniquet.

Today's action raises awareness by declaring support for National Stop the Bleed Day on March 31, 2018. Today's action also directs the Chief Administrative Officer to work with community partners to explore options for training County employees in Stop the Bleed protocols and the placing of bleeding control kits in public facilities and open spaces, and report back within 120 days.

In addition, the action today directs the Chief Administrative Officer to add to the County's Legislative Program support for legislation that will advance or encourage the placement of Stop

SUBJECT: APPLYING PRESSURE TO IMPROVE SURVIVAL

the Bleed type bleeding control kits in all public buildings in the same way AED units are stationed throughout California.

RECOMMENDATION(S)

VICE-CHAIRWOMAN DIANNE JACOB AND SUPERVISOR RON ROBERTS

1. Adopt a Resolution entitled:
A RESOLUTION DECLARING THE COUNTY OF SAN DIEGO'S SUPPORT FOR NATIONAL STOP THE BLEED DAY ON MARCH 31, 2018
2. Receive a presentation on the Stop the Bleed Program.
3. Direct the Chief Administrative Officer to explore options to raise awareness for the Stop the Bleed Program through training County personnel and through the placement of bleeding control kits in County facilities, and report back within 120 days.
4. Direct the Chief Administrative Officer to add to the Board's Legislative Program support for legislation that will advance or encourage the placement of Stop the Bleed type bleeding control kits in all public buildings in the same way AED units are stationed throughout California.

FISCAL IMPACT

There is no fiscal impact associated with this action.

BUSINESS IMPACT STATEMENT

N/A

ADVISORY BOARD STATEMENT

N/A

BACKGROUND

When mass shootings occur in communities across the United States, each incident often inflicts grievous wounds to numerous innocent civilians, making it difficult for first responders to treat victims on the scene and transport them to a medical facility. San Diego County has not been immune to these tragic events, with deadly school shootings in 1979 and 2001, and the massacre at a McDonald's restaurant in 1984. Terrible acts like these shake the bedrock of communities for decades.

Traumatic injuries that cause a rapid loss of blood are not just limited to mass shooting events. The top five trauma related injuries in San Diego County are caused by falls, motor vehicle accidents, assaults, motorcycle accidents and pedestrian incidents. Falls account for the most injuries at 36 percent of all cases in the San Diego County Trauma System. In contrast, assaults account for only 11 percent of all trauma injuries. In 2016, San Diego County trauma centers treated more than 12,000 patients. Over the last decade, the San Diego County Trauma System has witnessed a 17.8 percent increase in total trauma cases and a 22.8 percent increase in adult trauma cases. Over the same period of time, the County of San Diego experienced only a 9.7 percent increase in population.

Fortunately, the County of San Diego has been a leader in preparing for mass shooting events and other trauma incidents. Thirty years ago, the rate of preventable trauma deaths was 21

SUBJECT: APPLYING PRESSURE TO IMPROVE SURVIVAL

percent and, today, it is less than 1 percent. The County of San Diego Trauma System, created by this Board in 1983, adopted trauma standards and designated five adult trauma centers and one pediatric trauma center in San Diego County. This system overhaul significantly improved trauma prevention and patient survival. Treating trauma injuries immediately after they occur is the best way to save lives.

The County of San Diego also has a long history of promoting personal responsibility when it comes to emergency preparedness and public safety. Two years ago, the County launched a security initiative to enhance the safety and security of County facilities and employees through staff training, drills and facility assessments. To date, the County has conducted over 120 training sessions on how to detect and react to active threat situations reaching over 9,500 employees and more than 500 county residents. The County also produced a “See Something, Say Something” training video to instruct residents how to identify concerning behavior of those who may be plotting an attack, and actively trains employees in the “Run, Hide, Fight” model for dealing with active shooter events.

But law enforcement, fire, and emergency medical personnel alone cannot be responsible for shouldering the burden of preparedness and response to active threats. The County recognizes that in order to save the maximum number of lives in a mass casualty event, all residents must be engaged and ready to respond. The strategic placement of Automated External Defibrillators in public facilities has allowed ordinary citizens to save the lives of thousands of people suffering from sudden cardiac arrest, while the County’s participation in the Pulse Point app assists civilians in providing life-saving response before emergency responders arrive. Similarly, the placement of tourniquets, combined with a training program, would enable citizens to safely and effectively apply tourniquets prior to the arrival of first responders.

When a shooting or other trauma related injury occurs, oftentimes the injury is to the extremities. In 2012, 27 children and adults were brutally killed in a mass shooting at Sandy Hook Elementary School in Newtown, Connecticut. Following this tragic event, the American College of Surgeons (ACS) convened a gathering of experts to create a protocol to enhance survivability from active shooter and intentional mass casualty events. Now known as the Hartford Consensus, well known practices and models for responding to mass casualty events was forever changed. One key report attributed to the Hartford Consensus contends that controlling bleeding immediately following trauma can improve survival. ACS has now developed protocols, techniques, trainings and kits to teach the public how to stop the bleed.

As the Hartford Consensus contends, controlling bleeding immediately following a trauma injury is the most effective way to save a life. Soldiers on the battlefield, law enforcement, firefighters and paramedics in our communities all carry and use tourniquets to control bleeding of the extremities. Tourniquets are cost effective, efficient and can be applied by any individual with basic training. Studies have shown that quickly applying a tourniquet greatly enhances an individual’s survival following a trauma injury.

In San Diego County, the Stop the Bleed program is administered by the Trauma Research and Education Foundation (TREF). Along with Stop the Bleed, TREF coordinates education and research programs for local trauma clinicians and the public. Through the Stop the Bleed

SUBJECT: APPLYING PRESSURE TO IMPROVE SURVIVAL

program, TREF has trained and educated local medical practitioners, businesses and the public on the use of tourniquets and Stop the Bleed protocols. The Stop the Bleed program teaches several ways to control the bleeding, but the most proficient way to control bleeding of the extremities is through the use of a tourniquet.

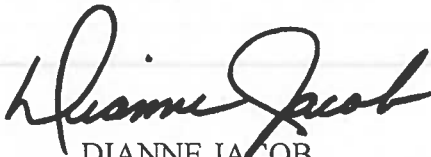
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In addition, the action today directs the Chief Administrative Officer to add to the County's Legislative Program support for legislation that will advance or encourage the placement of Stop the Bleed type bleeding control kits in all public buildings in the same way AED units are stationed throughout California.

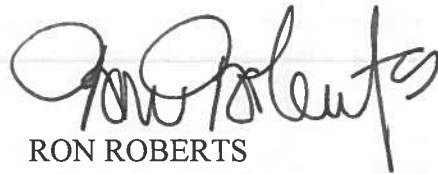
LINKAGE TO THE COUNTY OF SAN DIEGO STRATEGIC PLAN

Today's proposed actions support the Safe Communities Strategic Initiative of the County of San Diego's 2018-2023 Strategic Plan.

Respectfully submitted,



DIANNE JACOB
Vice-Chairwoman, Second District



RON ROBERTS
Supervisor, Fourth District

ATTACHMENT(S)

Resolution of the San Diego County Board of Supervisors declaring support for National Stop the Bleed Day on March 31, 2018

SUBJECT: APPLYING PRESSURE TO IMPROVE SURVIVAL

AGENDA ITEM INFORMATION SHEET

REQUIRES FOUR VOTES: Yes No

WRITTEN DISCLOSURE PER COUNTY CHARTER SECTION 1000.1 REQUIRED

Yes No

PREVIOUS RELEVANT BOARD ACTIONS:

N/A

BOARD POLICIES APPLICABLE:

N/A

BOARD POLICY STATEMENTS:

N/A

MANDATORY COMPLIANCE:

N/A

ORACLE AWARD NUMBER(S) AND CONTRACT AND/OR REQUISITION NUMBER(S):

N/A

ORIGINATING DEPARTMENT: Board of Supervisors, Districts 2 and 4

OTHER CONCURRENCE(S): N/A

CONTACT PERSON(S):

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**A Resolution declaring the County of San Diego's support for National Stop the Bleed Day on
March 31, 2018**

WHEREAS, Stop the Bleed is a national campaign to address uncontrolled bleeding, which is the most common cause of preventable trauma death in the United States; and

WHEREAS, 20 percent of people across the nation who have died from traumatic injuries could have been saved if immediate bleeding control protocols were implemented; and

WHEREAS, the American College of Surgeons (ACS), and the Hartford Consensus have developed protocols, techniques, trainings and kits to teach the public on how to stop the bleed; and

WHEREAS, when a mass shooting or other trauma related injury occurs, oftentimes the injury is to the extremities; and

WHEREAS, soldiers in the battlefield, law enforcement, firefighters and paramedics in our communities all carry and use tourniquets to control bleeding of the extremities; and

WHEREAS, tourniquets are cost effective, efficient and can be applied by any individual with basic training to control bleeding of the extremities and possibly save a life; and

WHEREAS, the National Stop the Bleed Day initiative brings together instructors, community partners and organizations for a day of training; and

WHEREAS, the County of San Diego has been a leader in protecting and safeguarding its citizens and employees through policies that align with the County of San Diego's Live Well vision for a region that is Building Better Health, Living Safely and Thriving; and

WHEREAS, today's support for National Stop the Bleed Day enhances that vision through an innovative partnership with community partners to further protect and prepare our employees and communities for potential trauma related events; and

NOW, THEREFORE, BE IT RESOLVED on this 27th day of March, 2018 by the San Diego County Board of Supervisors, the County of San Diego has declared its support for National Stop the Bleed Day on March 31, 2018.

On a motion by Supervisor _____, seconded by Supervisor _____, the foregoing was passed and adopted by the Board of Supervisors, County of San Diego, State of California, on the 27th day of March, 2018, by the following vote, to-wit:

AYES:

NOES:

ABSENT: