

Regional Stop the Bleed Kits & Training for High School Staff

Purpose:

To increase school district access to Stop the Bleed education and equipment throughout the region based on high school enrollment statistics. We also will be fostering partnerships between the local EMS, hospitals and high schools through the Stop the Bleed training.

Goals:

To train high school staff throughout the region on Stop the Bleed and to provide them with 1 multi pack public access kit to be placed in a high traffic area such as a gym or theater.

To connect local EMS/hospitals with high schools that is participating in the Stop the Bleed training.

Objectives:

By the end of the training we will have educated participating schools throughout the region on Stop the Bleed and placed public access kits in high traffic areas at the school.

By the end of the training local EMS/hospitals will have made a partnership with the schools participating in the Stop the Bleed training.

Problem Statement:

Since 2013, there have been at least 415 incidents of gunfire on school grounds in America, including 3 in Wisconsin, with 1 specifically in our region¹. According to the Wisconsin Interactive Statistics on Health (WISH), the high school aged group was the number one age group to die due to firearms. High school aged students account for 30% of deaths related to firearms. With high school staff being trained in Stop the Bleed our hope is that we will be able to prevent these deaths from happening.

Schools are targets of gun violence because schools are often thought of as a safe place and on an average day most students and teachers do not think gun violence will happen there. A large amount of people are gathered here, making them a vulnerable target. Shooters often make plans for violence due to anger, revenge, or envy that may occur at a school due to family dysfunction, bullying, or other personal reasons.

Additionally, schools have Tech Ed and other elective classes with potential injury due to equipment. Many schools have wood shops and mechanical type classes, and if an accident were to happen schools generally do not have the supplies to stop mass bleeding before EMS arrive. This is a class in which major injury can occur that is generally not thought of.

¹ <https://everytownresearch.org>

Project Benefits:

Since this population is a target when it comes to gun violence, access to Stop the Bleed equipment and staff knowledge in schools can prevent death due to hemorrhage. As word about this program spreads, public knowledge and use of this life saving equipment will increase. School districts are an ideal place to promote education due to their foundational goals and intricate network of local community members. By placing public access kits throughout the region in densely populated buildings, more of our region will be reached by this equipment and knowledge. By adding a kit in a rural school, we could anticipate a 6 fold reduction in mortality due to hemorrhage².

The mission of NCWHCC is: “Ensuring collaboration among healthcare organizations and public and private sector partners that is organized to prepare for, and respond to an emergency, mass casualty or catastrophic health event.” This project is an excellent opportunity for hospitals, EMS and schools to develop a meaningful, ongoing and mutually beneficial relationship. Community hospitals and EMS are anticipated to assist with this product distribution and education thereby increasing community connectedness. The Stop the Bleed program is an excellent program for trauma centers to demonstrate community involvement as part of their reverification requirements. Ideally this will be a catalyst to facilitate partnership between local EMS, hospitals, and schools. Hopefully other schools will hear about this project and it will prompt them to pursue this training and equipment access in every school in our state.

Budget

Cost of 5 pack public access kit
\$349.98

NCRTAC Grant amounts	Number of public kits able to be purchased
\$2500	7
\$5000	14

Other costs:

Aspirus and other applicable organizations will donate staff mileage, time, & printed materials.

Organizations involved in project:

Aspirus, local EMS agencies, and community hospitals will help disseminate both the education and the kits to interested school districts. The schools with the highest enrollment numbers throughout the region will be targeted for this project as demonstrated in table below.

² Civilian Prehospital Tourniquet Use Is Associated with Improved Survival in Patients with Peripheral Vascular Injury Teixeira, Pedro G.R.Vu, Megan et al. Journal of the American College of Surgeons , Volume 226 , Issue 5 , 769 - 776.e1

School	County	Enrollment
Wausau East and West	Marathon	8454
SPASH	Portage	7231
Everest	Marathon	5803
WI Rapids	Wood	5241
Marshfield	Wood	4046
Merrill	Lincoln	3321
Rhineland	Oneida	2424
Medford	Taylor	2419
Antigo	Langlade	2397
Mosinee	Marathon	2082
Other interested high schools in the region		
2015-2016 DPI website statistics		

Measures of Success: All of the kits will be placed and staff will have undergone training in each school by summer of 2020.

Project sustainability: The schools will need to provide kit upkeep and replace any used or expired items. Local EMS and hospitals can be a resource for additional information on Stop the Bleed training and supplies.