



THE BULLET BARRIER

BUY IT BEFORE YOU NEED IT

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1.

THE "BASIC BLACK BULLET BARRIER"

PREFACE

1. WHY WE NEED THE BULLET BARRIER.
2. THE INSIDE AND OUTSIDE.
3. THE DEVELOPMENT OF IPDS DEFENSIVE TRAINING.
4. THE HUMAN BODY.
5. BEING SAFE AT SCHOOL.
6. WHEN YOU ARE OUT AND ABOUT.
7. PROTECTING THE FAMILY.



2.

PREFACE

Unfortunately it is undeniably obvious that Society today is becoming a more dangerous place, whether you are at school, or university, or even at the shopping mall. There is a possibility that you may be seriously injured or killed, and for no legitimate reason, other than a random attack committed by a well armed and motivated *emotionally disturbed* individual.

Over the last few years we have seen a State wide spate of lethal active-shooter events. On most occasions the perpetrator of these heinous crimes has committed suicide after their murderous shooting spree. Certain Victims being targeted for a specific reason, then others were randomly killed, as they presented nothing more than a target of opportunity.

2007 has bore witness to incidents ranging from the *Virginia Tech* mass shootings to the Omaha, Nebraska *Shopping Mall* massacre. We have even had a bomb laden individual enter a church during worship in Colorado Springs, Colorado. All three Offenders were subsequently killed by self inflicted gunshot wounds, in the case of the bomber he was also shot by a part time security guard, possibly preventing his detonation of the device.

Many Individuals have taken it upon themselves to buy and carry a firearm for *self defense*, and this is a personal choice. However there are many locations where an individual is prohibited for being in possession of a firearm, even if they have a legally issued permit to carry such a weapon, Educational Facilities being one such place.

Fortunately "*Basic Black*" a Florida based manufacture of security equipment in conjunction with Sabre Tactical Training, and IPD systems may have come up with a possible threat reducing idea. Basic Black have been able to utilize a proprietary flexible lightweight material which is capable of stopping or reducing the effects of bullet and knife penetration.

This material can be cut and shaped to fit inside items such as a child's back pack, or a working brief case. The material can be shaped to fit behind the seats of your personal vehicle. There are in fact many ways this material can help save you from the devastating effects of a random stray bullet, or a knife wielding criminal.

3.

The idea is not exactly new, many people may not be aware of the fact that back in the 1980's President Reagan often wore an overcoat which utilized strips of Kevlar, a space age material that was ballistic resistant. To all intents and purposes, some people called it a *bullet proof* coat.

Unfortunately the facts are not that straight forwards. The truth is, that there is no such material that you can sensibly *wear* that is bullet proof, only bullet resistant. Even a *tank* can be hit by a bullet projectile that will penetrate its armor. Only Hollywood *Movie Actors* have bullet proof vests.

The concept design created by *Basic Black* is to be able to covertly insert into various items of everyday use, a series of layers of special material that will reduce the ability of a handgun bullet, or basic knife to penetrate it. So for all intents and purposes it is feasible to create a practical bullet barrier. One such items is a child or adults common place personal back pack.

There have been other similar designs that placed a layer of material as a barrier, but not offered in conjunction with *well proven* defensive tactics for personal protection. It's no good having something if you don't know how to effectively use it. This is the critical and important advantage we offer.

Working in close conjunction with Sabre Tactical Training and IPD systems, at their home manufacturing base in Gainesville, Florida, Basic Black has been able to produce a line of '*off the shelf*' ballistic barriers. They are also able to design a ballistic barrier for other personal items to protect you and your family.

You only have one life, and you have a duty to protect your loved ones and yourself. Because afterwards nobody can be brought back, serious injuries can last forever, such as a damaged spinal cord for example.

From internal door liners, bullet blankets, car seat covers, to commercial retail countertops, Basic Black is able to design and manufacture various ballistic barrier mediums, and at very reasonable prices.

4.

Sabre Tactical Training and IPD systems, have developed *Self Defense* training concepts that work in harmony with Basic Black's products. This information portfolio highlights one such item, the *Bullet Barrier* back pack, and how it can be utilized in conjunction with your personal firearm.



This basic *back pack* functions normally, but holds a special secret, that could make the difference between a *life* or *death*. Inserted between the *back pack* and its liner is the special *ballistic barrier* material, as shown above.

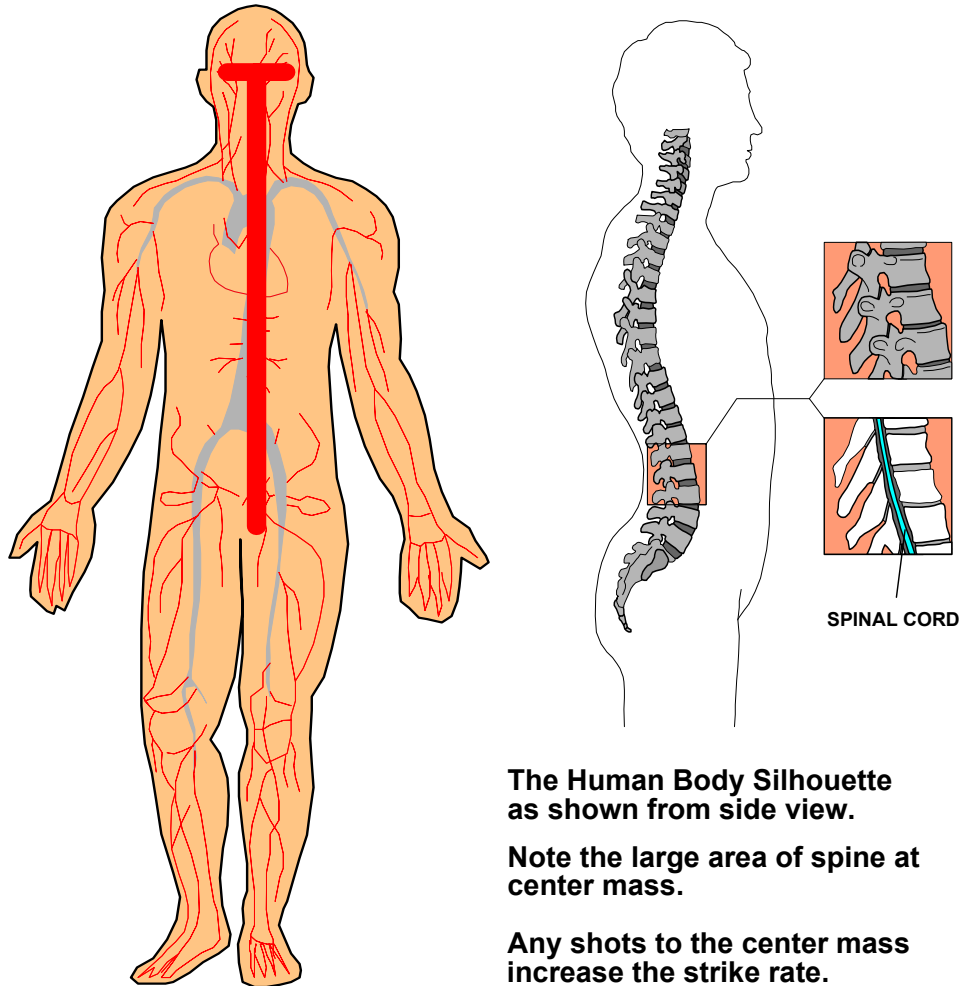


Once inserted it is not able to be seen by other people, unobtrusive, and light weight, it is even able to be carried onto an aircraft, as a normal carry-on.

5.

THE HUMAN BODY & VITAL ORGANS

The *Target "T"* is an area that is considered as a basic aiming point during a shooting scenario. This *T* area houses the most vulnerable organs, and the most obvious path of least resistance to the brain stem, or brain itself. These are the areas that you need to protect as quickly, and efficiently as you can.



The Human Body Silhouette as shown from side view.

Note the large area of spine at center mass.

Any shots to the center mass increase the strike rate.

It should be noted however, that most *combatants* tend to shoot towards the area that they are staring at. In the main that is the weapon itself in the hand of the *Subject*. Aiming for *Center Mass* allows for some error in shot displacement. In most *Crisis Confrontation* cases, ballistic accuracy is not easily achieved. It is suggested that only 20% of *Law Enforcement* rounds fired hit their mark, this set against 11% of criminally fired rounds.

6.

TARGETING THE HUMAN BODY

If there is a *Hit* to the upper *spinal cord*, or *brain*, the possibility of reliable and complete *Immediate Incapacitation* by standard hand gun ammunition is indeed possible. However, the human body is a marvelous thing, very durable, and complex. Generally more durable than people understand.

Physiologically, a determined person can be stopped immediately and reliably only by rounds that disrupt the upper spinal cord, or brain. Failing such a hit to the central nervous system, massive amounts of bleeding from damage to the heart, or major blood vessels of the torso causing circulatory failure, is the only way to force the body to cease functioning.

You need to protect these areas while you are fighting back, the more area of your center mass you can protect the better you will be. If you manage to strike your assailant in the heart with a bullet, they may be able to carry on the attack against you. For example there is sufficient oxygen within the brain, to support full voluntary action for between **10 to 15 seconds** after the heart itself has been destroyed.

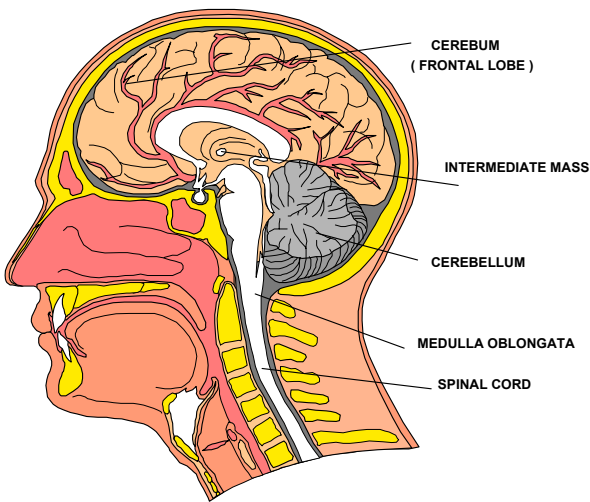
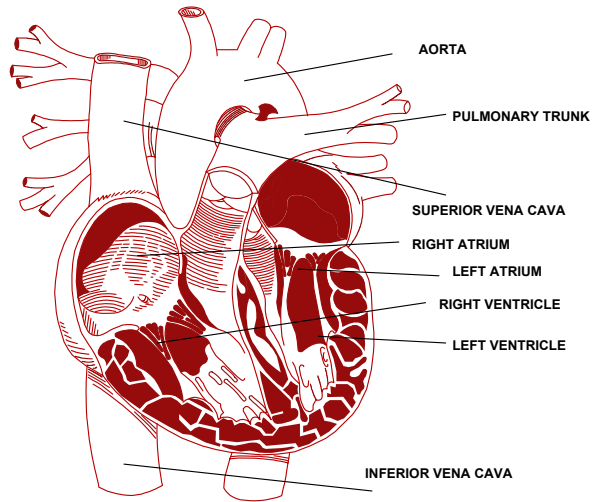
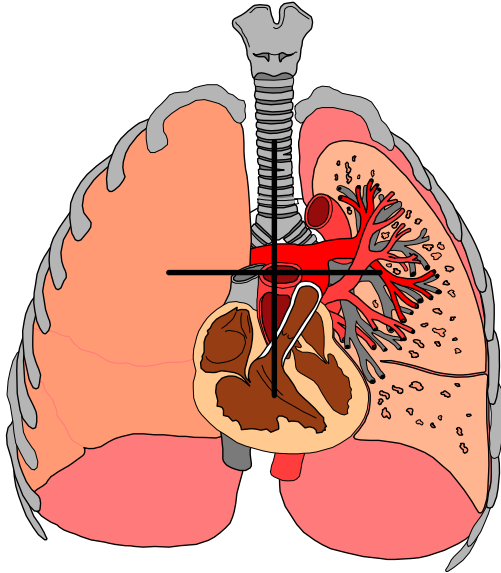
There has been much discussion about the *psychological factors* involved with a gunshot wound. The facts are, that these may actually play a relatively minor role in achieving rapid incapacitation. There is no physiological reason for an *Individual* to be incapacitated even by a fatal wound, until blood loss deprives the brain of oxygen. the Human spinal cord is a hard target to hit, it is around 17 inches long in the average Human Being, and one quarter of an inch wide. It is located in the vertebral canal.

The effects of enough pain which could contribute to incapacitation is commonly delayed during a trauma, or in the aftermath of serious injury. Pain is often suppressed until some time later. ** endorphins etc.

In order for pain to contribute to the overall effect, firstly it must be perceived, and secondly it must cause the emotional response forcing the person to desist in their actions. Sometimes pain acts like a *spur*, and will cause anger and increased resistance, not surrender. All these areas are factors that can on occasion help or hinder your survival. Recently nearly all of the so called *Active - Shooters* have been severely emotional disturbed.

7.

The *bullet barrier* has been designed to protect the largest area targeted, and that is your center of body mass, your head, heart and lungs to be exact.



Simple training techniques will teach you how you can take *refuge* behind the back pack, and create what can be described as a body bunker. One you start to *shield* yourself, you have the real world options of *flight* or *fight*. The term *flight* or *fight* is used to describe the human responses under threat.

8.

THE HUMAN *FIGHT OR FLIGHT* RESPONSE

Recent school shooting tragedies have prompted additional training to be conducted by Law Enforcement and School Educators. Not all the training suggestions are structured. There is the school of thought that Children should *hide and be quiet* from the Active Shooter. Officers are now trained to *Run to the Gun*. This was not what Officers did at Columbine.

Recent investigations showed that at the *Virginia Tech* incident many of those who were shot and killed, were static targets who tried to hide. Some of those that ran away lived.

Again actual footage recorded at the Columbine School massacre in 1999 in Colorado showed Students being murdered in cold blood while they hid under their desks. Students who ran survived. The two shooters *Eric Harris* and *Dylan Klebold* were later captured on film committing suicide. Twelve Students and one Teacher were killed, a further 23 people were wounded.



STTR believes that *Active - Defense*, i.e. attacking the attack, as well as running away are of value. Wearing the back pack over your chest, or over your back will provide *vital areas* of protection, as you take your action.

9.

BEING SAFE AT SCHOOL

School children generally have little or no defense against a predatory *Active-Shooter*. Absolute panic is likely to set in, you may not be there, but their back pack will, and that may give them a chance to run with protection.



In today's society we cannot just *wait* and *hope* that nothing happens to our loved ones. We have to have some kind of game plan. Plan for the worse, and hope for the best. This is not paranoia, it's simply proper planning.

It should also be said that not all the problems are inside the school, many children are tragically gunned down as a result of stray bullets from gang drive by's. During training sessions students are taught how to quickly and effectively react to gun fire, and how to use the back pack as an effective body bunker type barrier. The back packs are available in different sizes.

10.

ATTACKING THE ATTACKER -- A DEFENSE

IPD Systems and STTR hold training sessions in all areas of personal defense, not classic martial arts dojo training, but real time, real world, hard hand defense. We teach to *make it hard* for the attacker to hurt you. In a *deadly force* threat that may mean using a handgun for defensive purposes.



The pictures used in this portfolio have an exposed weapon for demonstration purposes. Weapons will normally be carried concealed. The back pack can be carried like a conventional bag, and raised in response to any unexpected attack, immediately you will commence your actions.



11.

All firearms techniques utilize the **C.A.R.** shooting program, and Students are trained how to use this system when involved in a deadly force scenario.



Defender takes up key grip on weapon, and un snaps from holster. The weapon is then presented towards the threat, from weapon side of bag line.



The business end of a Glock .40 cal has a particular effect on the bad guy.

12.



The *bullet barrier* offers high levels of upper body and head protection, and may just be the critical edge you need in a gun fight. You will never need your *Bullet Barrier* until you need it badly.

13.

PERSONAL COMMENTS

