

# Richmonds **HSFR** Program

“It's not a club, It's a commitment.”

## Our Goal

Our goal is to establish the “ First Responders Fund ” as well as install AED's and Naloxone kits in every Richmond Secondary School.

## What is The HSFR Program?

The highschool first responders program is an opportunity for students interested in going into the medical field to have the ability to gain real life experience while contributing to their school community. We serve the school as a student run medical team handling the medical emergencies of the student population.

## Who Runs The HSFR Program?

The program can be found district wide in all 10 secondary schools. Richmond is the only school district to have this program running in all of their secondary schools. The program itself is run by a society and our contact with that society is Jeff Watts, The Managing Director.

### **Jeff Watts**

[medic30786@gmail.com](mailto:medic30786@gmail.com)

Jeff has been running the program for over 15 years and has always been heavily involved within Richmond (Community Events). He is a retired Advanced Care Paramedic who worked for BCEHS and (through ESIC) trains, supplies, as well as insures the students in the HSFR program.

## How Does Certification Work?

When it comes to certification students can either get their certification through ESIC or a third party supplier. We recommend taking ESIC's classes since they are much cheaper than what is offered anywhere else and they are taught at Cambie Secondary School.

### *Standard First Aid and CPR C with AED Training -*

This is a **2 day course** (16 hours) where they teach basic first aid as well as basic critical interventions. Certification lasts for **3 years**. Certificate includes CPR C as well as AED training. Overall cost is **\$135**

### *First Responders and Basic Life Support -*

This is a **6 day course** (40 hours) that teaches advanced first aid as well as advanced critical interventions. This level of training is equivalent to that of a firefighter. Certificate lasts for **3 years**. Certificate includes Basic Life Support as well as Naloxone training. Overall cost **\$495**

## Insurance

Each student is covered by law under the good samaritans act which states that there is

### **No liability for emergency aid unless gross negligence**

(a lack of care that demonstrates reckless disregard for the safety or lives of others)

1

A person who renders emergency medical services or aid to an ill, injured or unconscious person, at the immediate scene of an accident or emergency that has caused the illness, injury or unconsciousness, is not liable for damages for injury to or death of that person caused by the person's act or omission in rendering the medical services or aid unless that person is grossly negligent.

However ESIC purchases 2,000,000 dollars of professional errors and omissions insurance on each member in the first responders program. This is done on an annual basis. The insurance that covers the students is part of the insurance that ESIC must purchase for the training of First Responders. They purchase what is called a rider and it's attached to the policy. A rider is an addition to an existing insurance policy that allows you to add specific insurance products to your basic coverage.

Each school will then pay at least over \$500 in insurance costs every year depending on the size of the team and certification level. In 2024 McNair paid 550 dollars for insurance (13 SFA, 3 FR) from their PAC fund. Once we've paid our insurance we don't allow anyone to join until the following year when we can add their insurance cost to our PAC proposal form. McNair has a much smaller team compared to other schools.

Standard First aiders - \$25

First Responders - \$75

## AED

An Automatic External Defibrillator is placed on a person when they are in the state of cardiac arrest. AEDs have been designed so that anyone can use them even if they have no prior experience or training. An AED will analyze the heart's rhythm and, **IF NECESSARY**, will deliver an electrical shock or defibrillation to reestablish an effective rhythm.

AEDs were once in all Richmond schools however they were removed. Anyone can have a cardiac episode however it is more likely to happen to the staff of the school rather than the students and we can see examples of this all throughout the lower mainland. On Nov 23rd 2023 Brent Sweeny, a teacher at South Delta Secondary School collapsed and went into cardiac arrest. The sponsor teacher of the First Responders club began doing CPR and used an AED until the arrival of First Responders and Paramedics. AEDs are not only for the safety of students but the safety of staff as well.

When an AED is placed on a person they can have up to a 90% chance of survival if placed within the first 10 minutes of the cardiac episode however for every minute that passes after the first 10 mins the statistic drops 10%.

Only one AED is required in each school however there is a specific model that should be purchased so that they are compatible with the ambulance services heart monitors.

The AED model is **LP 1000**

## Naloxone Kits

Naloxone kits are used in order to reverse an overdose. BC is currently in an Overdose crisis and more than 7 people die per day due to it. Naloxone is a nonprescription medication. When naloxone is administered intranasally or intramuscularly it will block opioids from binding with the opioid receptors in the brain and reversing the effect of the opioid.

The drugs on the streets of BC have become so much more dangerous than what they used to be. Drugs are laced with MUCH stronger opioids and even simply touching for example the drug in a powdered form can cause someone to overdose. When someone is having an overdose they aren't able to breath on their own. The person's breathing becomes more and more shallow until eventually it stops, leading to respiratory arrest which then leads to cardiac arrest. Within 3-5 mins without Oxygen, brain damage starts to occur. With overdoses survival or death depends on the breathing and oxygenation of the patient.

**IF A PERSON IS GIVEN NALOXONE WHEN THEY DO NOT NEED IT NOTHING HAPPENS TO THE BODY. IT WILL NOT HARM SOMEONE WHO HAS OPIATES IN THEIR BODY.**

Naloxone kits are **FREE** for anyone to pick up at any pharmacy.

### Naloxone and AED Protection

The usage of Naloxone kits and AEDs is protected under law by the good samaritans act. If an AED is mounted for example on the wall of a community center and you pull and use that you can **NOT** be sued.

### First Responders Fund

Every year First Responders at McNair has to apply for PAC Gaming Funds. This form of funding is unreliable for a club that requires a large amount of money every year. Our costs are broken down into three parts

#### Insurance -

Each member has to pay a certain amount of money depending on their certification level. In the beginning of the year the full team roster of the school is sent to Jeff Watts. This Year McNair has paid 550 dollars.

#### Reimbursements -

We have few opportunities for students to be reimbursed. In order for students to get reimbursements they need to go through an interview process. In the interview we ask many questions to see what kind of a person they are, are they caring?, are they smart?, and etc. Once they are selected we look at the students' latest report card and then if they are selected they will be sent to take the FR course. If they pass the course on their first attempt they will be reimbursed only half of their purchase which is 200 dollars. However the cost of the FR course has been raised to 495 dollars. That means that we would be required to ask for an additional 45 dollars from the PAC for each new FR we certify. Generally within a year we certify 2 FRs with half reimbursements depending on the money given to us by PAC. This year we have paid 400 dollars in reimbursements.

#### Supplies -

Oftentimes we are required to purchase new supplies like for example this year we had to ask for enough money from PAC to accommodate a mini fridge where we could store ice packs, Juice, and etc. This is a smaller portion to our overall costs however it's still very important as other schools may have more things that they may want to purchase but aren't able to due to the PACs approval. This year we have spent 260 dollars on new supplies.

Ali Safdari, President  
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The establishment of a district fund is very important as there will always be a guaranteed amount of money for the first responders to turn to. Like for example right now we can only reimburse half of a person's money and at other Richmond schools they don't reimburse them at all however it is the responsibility of the district to pay for students full reimbursements when they take the course because they are providing a service to the school. There are over 200 students in the program right now. Yes, it may be expensive to fund it however we will see extreme benefits in the long run.

(The district has a new budget plan that started in 2023 and will last until 2026. The district is receiving 355 Million dollars.)

355 Million Broken Down -

Operating budget 84%

Facilities maintenance and Technological Infrastructure 12%

6% Unkown????

Created By : Howard Ong

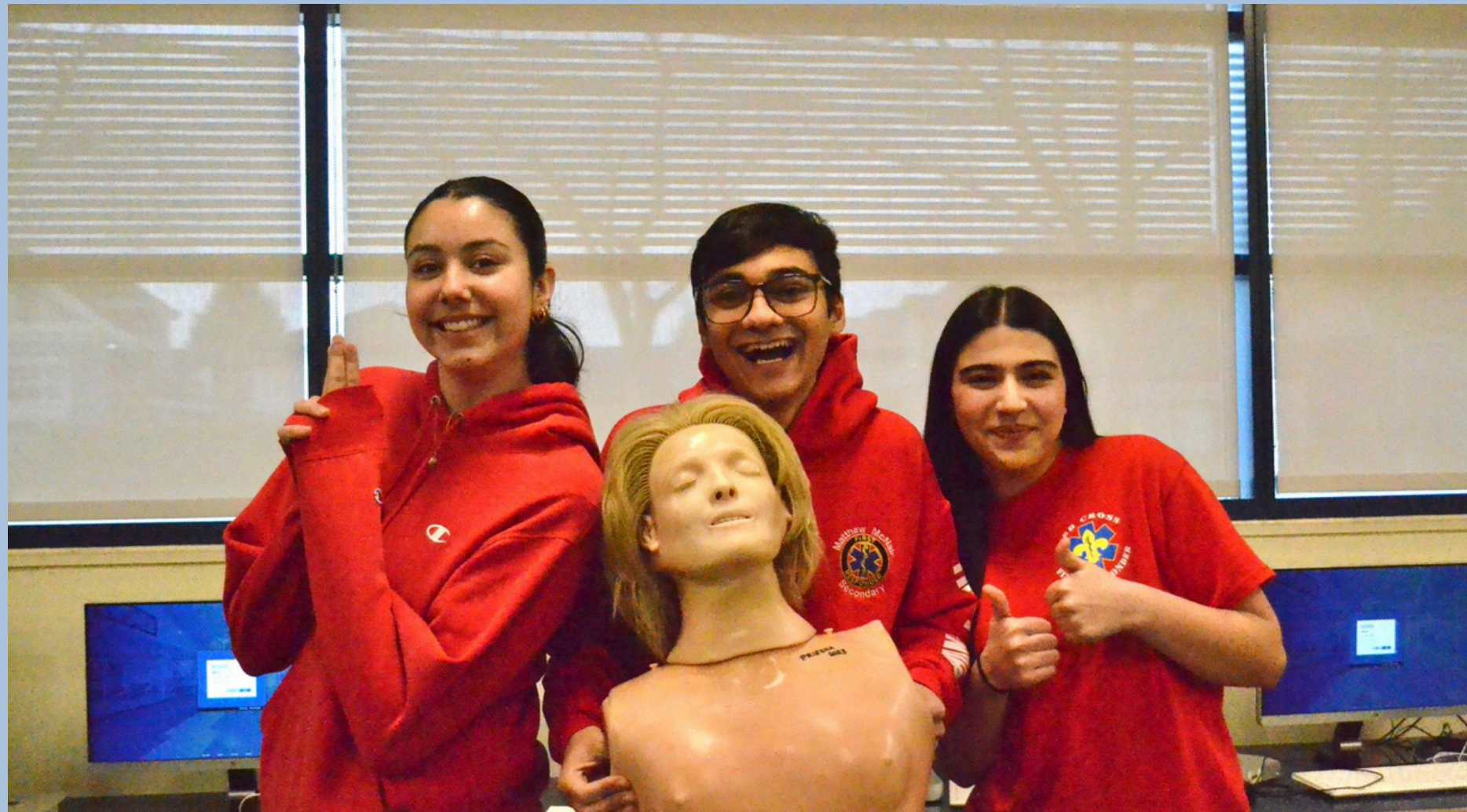
# Richmond HSFR Program



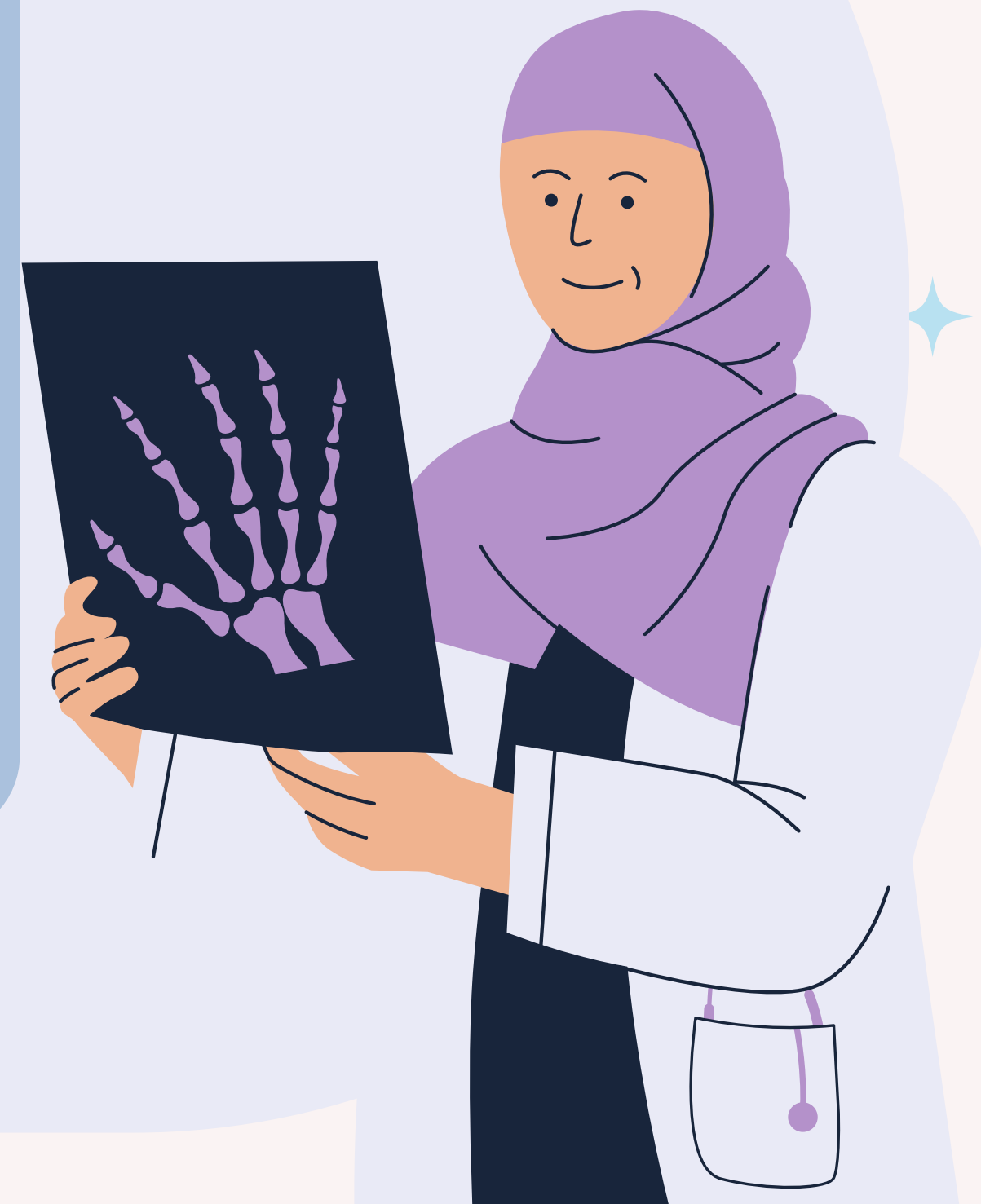




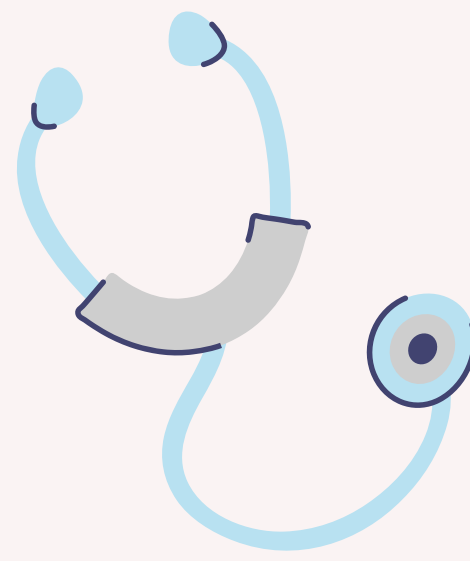
# Our Goal



our execs



# What is The HSFR Program?



We serve the school as a student run medical team handling the medical emergencies of the student population!





# Who Runs The HSFR Program

- District wide, **10 Secondary Schools**
- **Richmond only school district** to have this program running in all of their secondary schools

- The Managing Director:
- **Jeff Watts**

# How does certification Work?



## Standard First Aid and CPR with AED Training

- 2 day course(16 hours)
- Certification lasts for **3 years**
- Overall cost **\$135**



## First Responders and Basic Life Support

- 6 day course(40 hours)
- Certification last for **3 years**
- Overall cost **\$495**

# Insurance

## Good Samaritans Act

- each student who is certified is covered under this act

## Cost

- Standard First aiders- **\$25**
- First Responders- **\$75**



# First Responder Funds

## Reimbursements

- If students pass the course we **reimburse half** of what they paid
- we certify **2 FR's**

## Supplies

- this year we spent **\$260**

## Insurance

- This year we spent **\$550**



# AED

- when placed on a person, they can have up to a **90% chance of survival within the first 10 minutes** of the cardiac episode
- after every minute that passes after the first 10 mins the **statistic drops 10%**

**AED model is LP  
1000**



# Naloxone Kits



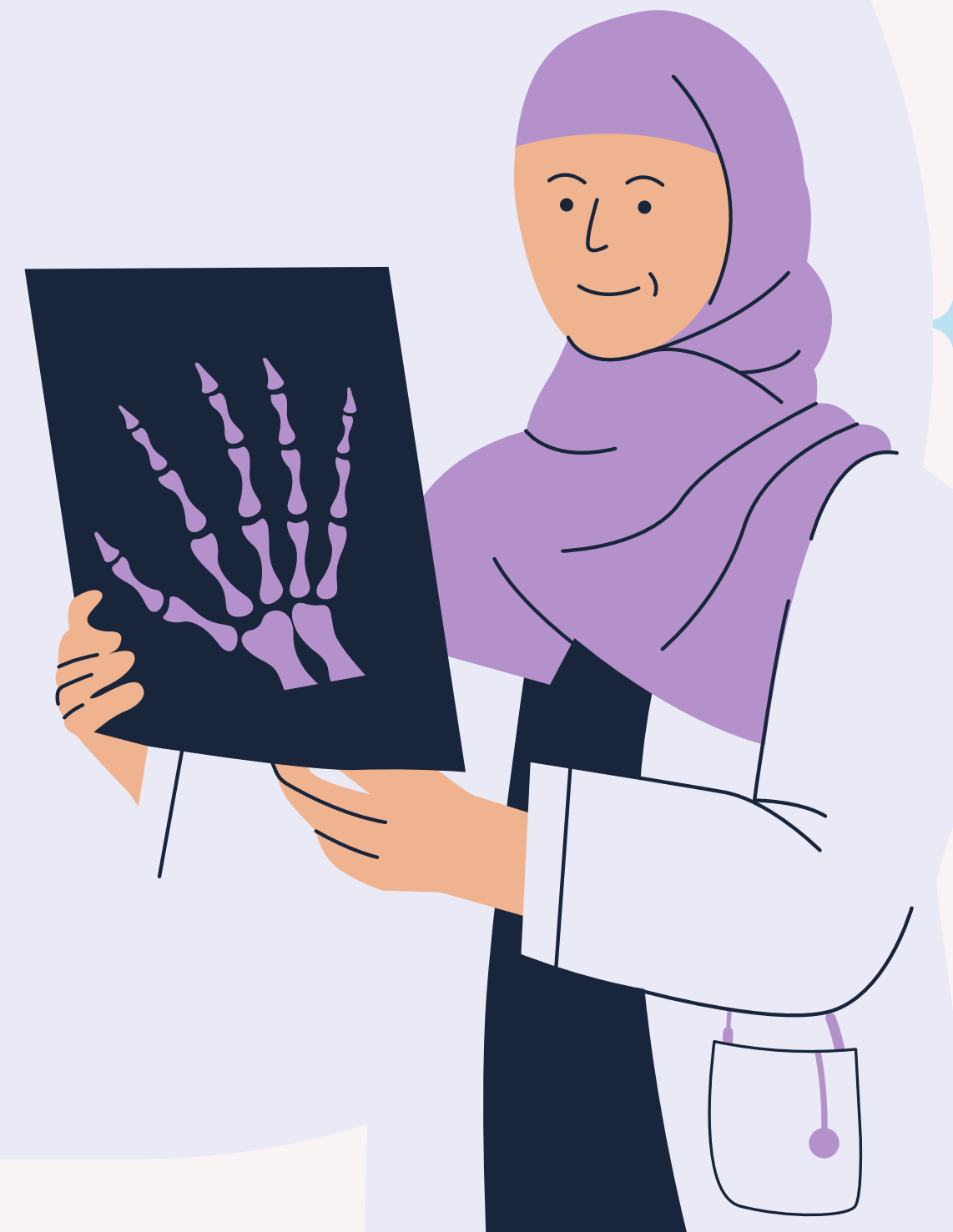
- **Within 3-5 mins** without oxygen, **brain damage starts to occur**
- **reverses an overdose**
- when administered it will **block opioids from binding with the opioid receptors** in the brain and **reverses the effects of the opioid.**

**Naloxone kits are Free**





# Naloxone Demo



**Thank You for  
listening!**

