

# CONTACT US

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# SmartChart

*Instructional Manual*



*Andrea & Giacomo & Wilson*



# Patient Chart

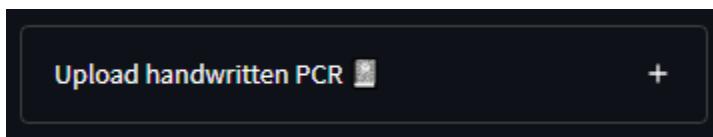
The Patient Chart Tab is dedicated for you to input your patient's information and vitals. There are two ways you can do this:

## Option 1 (Manually):

- You may click the the text box and manually type in the information

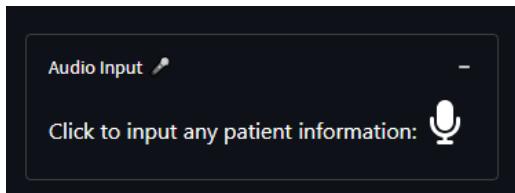
A screenshot of a digital interface for inputting vital signs. It shows two text input fields side-by-side. The left field is labeled "Pulse Rate (beats/min)" and the right field is labeled "Respiratory Rate (breaths/min)". Both fields have a placeholder text "0" inside them.

- There is also an option for transcribing the EMT's handwritten care report using optical character recognition



## Option 2 (Voice):

- You may click the microphone icon and read aloud the information you wish to input



- The mic will turn blue when it is recording
- When you are finished reading aloud the information, wait for the microphone icon to turn white
- When the icon turns white, the website will load and the information will appear in its appropriate box
- Once the information has been input, you can click the Recommended EMS Actions Tab

*Continue to Next Page for  
Contact Information for Each of  
the Members of this Team*

# Patient Assessment

The **Patient Assessment Tab** is dedicated to determining the patient's condition from photos

- On the desktop version of SmartChart, click "Browse files" and you will be prompted to select a file
- On the mobile version, you will be prompted to choose from your photo library, take a photo or video, or choose a file



- Once you have uploaded your file, you will be provided the condition and treatment options



# Transport Direction

The **Transport Direction Tab** is dedicated to finding the optimal facility for further treatment of your patient.

- Clicking on the treatment center will provide the three nearest ones as well as a hyperlink to its directions:

The image shows the SmartChart Transport Direction Tab. It lists 'Hospitals near me:' with three options: Bon Secours - Colonial Heights Emergency Care, TriCities Emergency Center, and Emergency physicians immediate care center, each with a 'take me there' link.

- This tab also updates in response to the input of information into the **Patient Chart Tab**.
- For example, inputting "1st degree burn" in the **Patient Chart Tab** yields the following on the **Transport Direction Tab**.

The image shows the SmartChart Transport Direction Tab with updated information. It includes a weather forecast message: 'The weather forecast in Fort Lee is: 45.99°F with overcast clouds.' Below that is a search bar labeled 'Search locations'. At the bottom, there is a message: 'Given your patient information, transport to a burn center is indicated!' with a warning icon.

- The tab also provides a weather forecast that can be used to prepare for inclement weather when deciding where to transport the patient.

# Patient Communication

The **Patient Communication Tab** is dedicated to translating messages between you and the patient.

Translating the patient's speech

- You may click the microphone icon and ask the patient to say their message.

## Translate Patient Speech

Use the microphone below to record patient speech, and receive a textual translation.

Click to record patient speech 

- The mic will turn blue when it is recording.
- When the patient is finished reading aloud their message, wait for the microphone icon to turn white.
- When the icon turns white, the website will load, and the translated message will appear.

Patient Speech

Esta es una demostración de SmartChart

English Translation

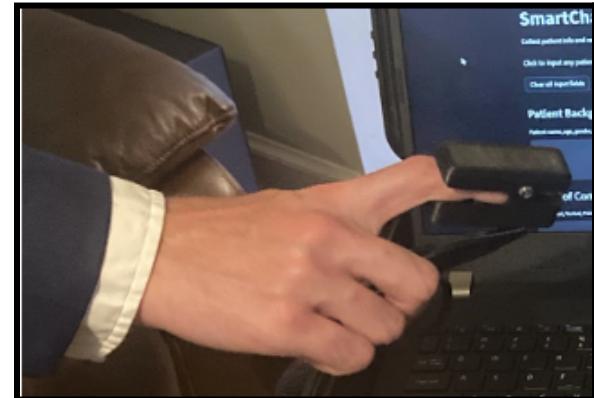
This is a smartchart demonstration

- Continued on the next page

# Using the DMAC

Using the DMAC is **easy and straightforward**. Let's see the steps below:

- First, **carefully put the patient's pointer finger inside the clip**:



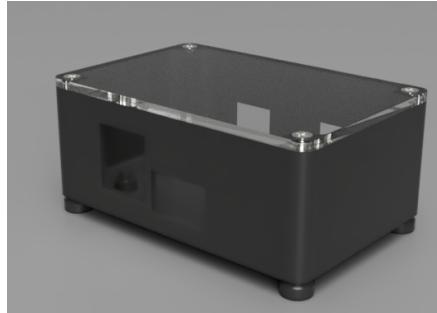
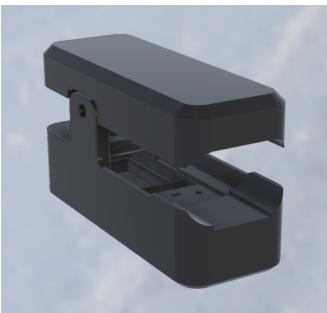
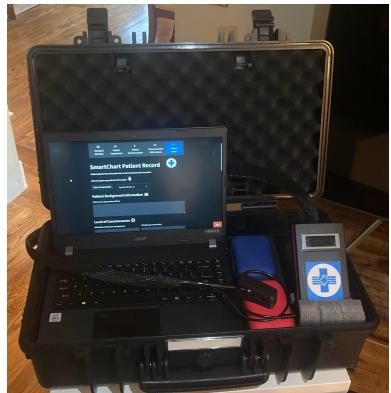
- Next, have the **temperature probe in the appropriate area** (i.e. armpit, inner mouth, inner thigh, etc.)



- Finally, **press the red toggle button** and wait for the **calibration period** to finish. Appropriate **patient data** will **show** on the **website**.



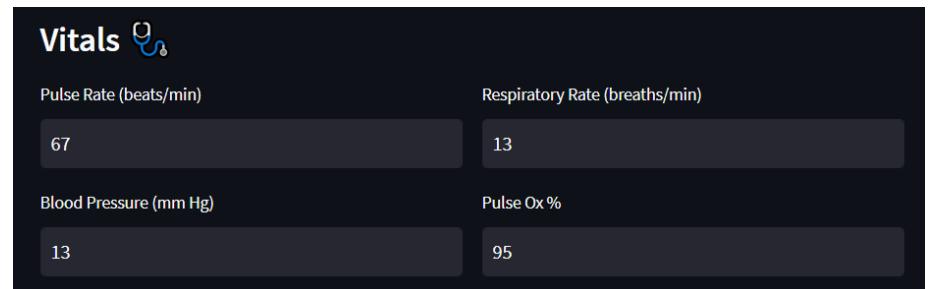
## Reference Pictures



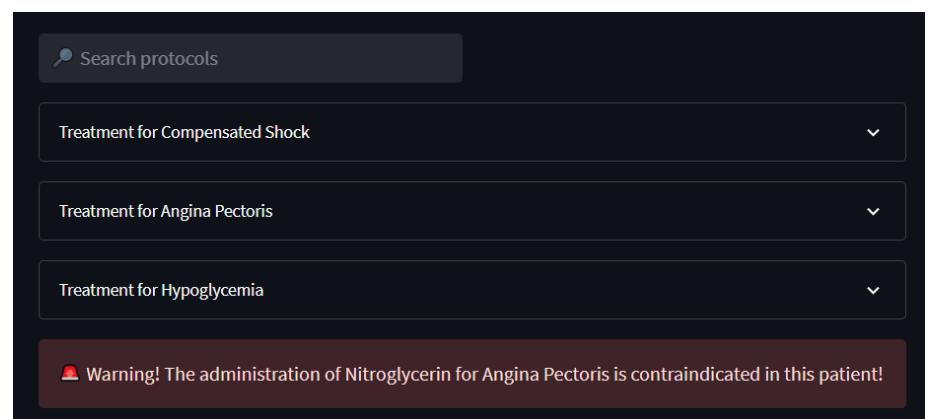
## Recommended EMS Actions

The **Recommended EMS Actions Tab** is dedicated to providing a list of possible patient complications, treatments, protocols, and contraindications based on the information put into the **Patient Chart Tab**. Let's see an example below:

- Say you put in the following vitals in the **Patient Chart Tab**:



- Click the **Recommended EMS Actions Tab** and you will be provided a list of possible conditions
- Contraindications for certain treatments will be shown at the bottom in red:



Search protocols

Treatment for Compensated Shock

Treatment for Angina Pectoris

Treatment for Hypoglycemia

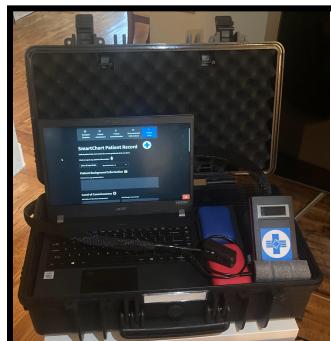
Warning! The administration of Nitroglycerin for Angina Pectoris is contraindicated in this patient!

- If you click on the condition name, a drop-down list with treatment protocols will appear

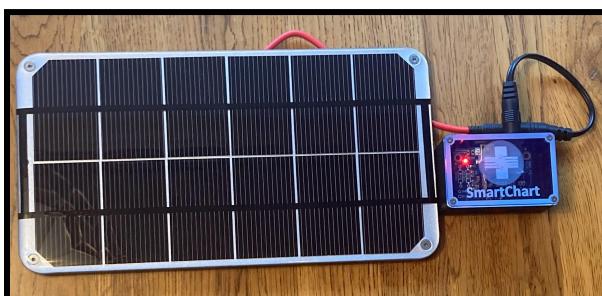
# DMAC

The **Deployable Medical Assistance Case** is used to collect and send patient data to the website for processing.

- Connects to website via WiFi
- Collects **Blood Oxygen Levels, Heart Rate, Temperature**
- **Outputs data onto SmartChart website in real time**



- Rechargeable Battery/Solar Powered
- USB-C Power and Data Transfer Capable



# Patient Communication

Communicating Back to the Patient

- Select the language you wish to translate your message into from the dropdown menu:

A screenshot of a dark-themed dropdown menu. At the top, it says "Select patient language". Below is a list item "Spanish / Español" with a small downward arrow icon at the end of the line.

- You may then click the microphone icon and say your message:

## Communicate Back to Patient

Enter the text for your patient to hear, as well as their native language.

Click to record your message: A red curved arrow points from this text to the microphone icon.

- The mic will turn blue when it is recording
- When the patient is finished reading aloud their message, wait for the microphone icon to turn white
- Click the "Generate audio" button, and an audio file of your translated message will appear

A screenshot of a dark-themed audio player interface. At the top, a blue button says "Generate audio". Below it, the text "Your audio:" is displayed. Underneath is a white rounded rectangle containing a play button (a triangle), a progress bar with the text "0:00 / 0:04", and some small icons for volume and settings.