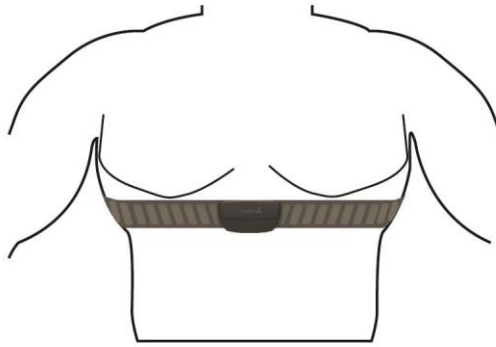


## Chest Straps Heart rate monitoring Device

This is a medical device for a patient to monitor their heart rate. The device is made up of electrodes which are activated by the sweat from the body. The heart rate is received by the transmitter and is then sent to the phone app through Bluetooth connection. The doctor can get the data when the patient connects the phone to the internet.



### **User Interface**

The chest strap comes like a belt worn around the chest. It is to be adjusted by the User to avoid getting loose while in motion. The Strap has a USB port for recharging and it has a button which switches the Bluetooth on.



### Components

- Bluetooth
- Mobile phone with internet connection
- Electrodes

USB port  
Transmitter (detachable)



## Main Elements

Patient  
Doctor  
Hospital Admin

## Reference

<https://arstechnica.com/gadgets/2017/04/how-wearable-heart-rate-monitors-work-and-which-is-best-for-you/>