



ENCIPHER

VIRTUAL HEALTH ASSISTANT
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OVERVIEW

Welleazy

YOUR PERSONAL HEALTH BUDDY

In today's contemporary world healthcare has evolved as a subject of major concern and care. We have now landed in the 21st century wherein life has become an expeditious one and over the years people have moved places for better job prospects or lifestyle but what they have left behind is their dear and near loved ones.

Healthcare monitoring has henceforth emerged as a pivotal domain. We here believe to bring about a change in this healthcare monitoring sector with our revolutionary device.

A device that can detect and monitor a patient's health condition, along with stimulated alerts to family members.

Ever thought what if you are at work at the office or you are asleep at a location which is seven seas away from your parents and they fall into a sudden heart attack and there's no one around, therein where we come into roleplay. Your loved ones suffer from a chronic disease or maybe they are ailing from a life-threatening disease is it feasible for you to remind them of medication that is vital for their recovery? Don't worry we have got your back there also with a personalized touch.

To culminate it is condensed as; for all your healthcare needs whether it's monitoring or diagnosis or it is the medication or maybe it is to admit a patient to the relevant hospital we have it all at one place.

OBJECTIVES

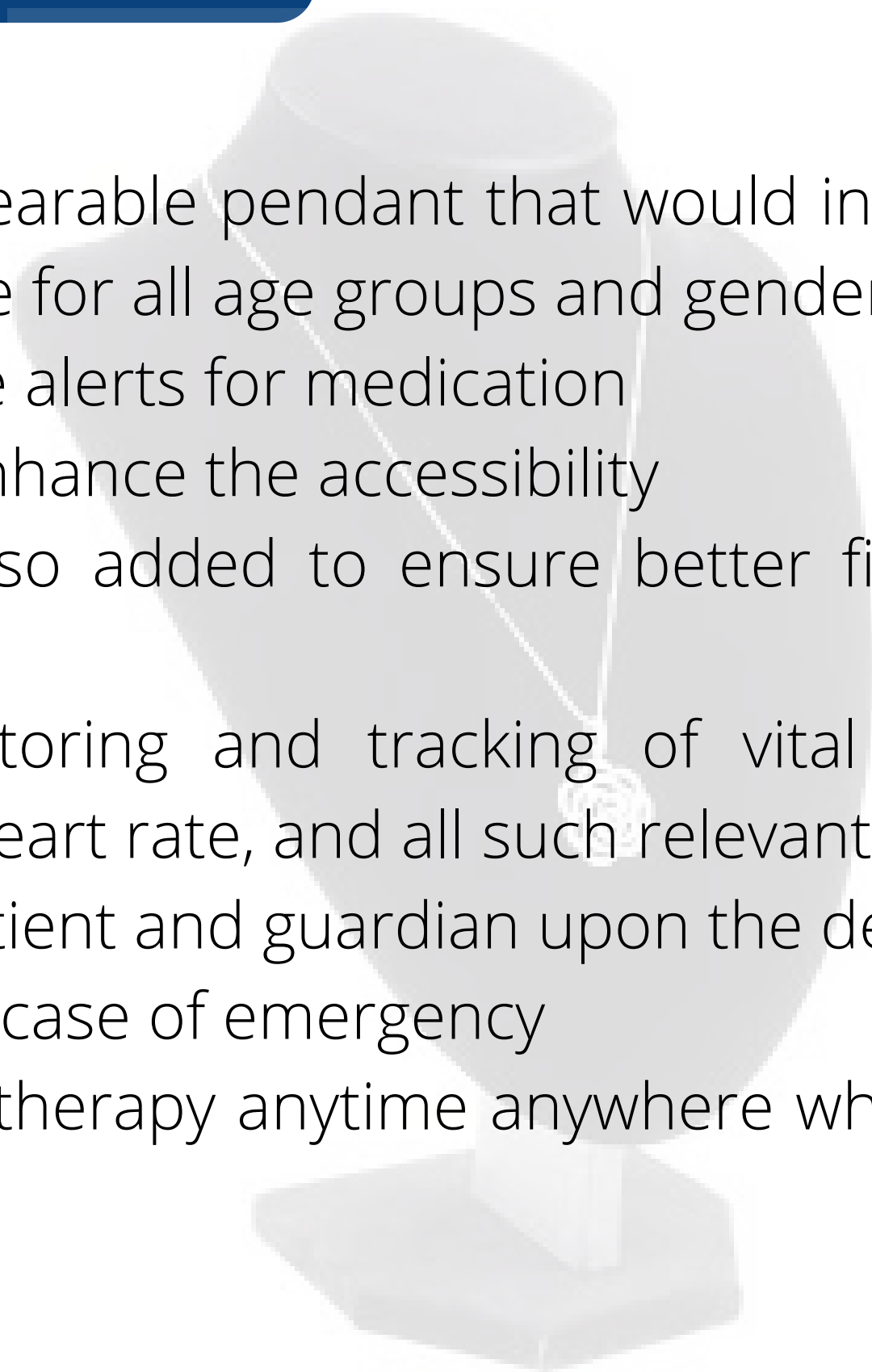
The main objective of this device is to manage and monitor everything a patient needs in their daily life.

- Ensure adequate, qualitative, preventive & curative health updates.
- Timely reminders to patients as well as their guardians.
- Make patients aware of their optimal health status.
- Track full-fledge body reports and alerts the patient and a family member in case of any abrupt change.
- In case of any emergency, the device can automatically alert the patient along with the guardian and be able to create contact with any nearby healthcare association through online or offline consultations and emergency intervention.
- Provide consultation to lead a healthy lifestyle.
- End-to-end encryption between patients doctors and app.



DESCRIPTION

- A revolutionary wearable pendant that would integrate with the software and suitable for people for all age groups and genders
- Personalized voice alerts for medication
- Bilingual bot to enhance the accessibility
- Defibrillation is also added to ensure better first aid service at the golden hour.
- Continuous monitoring and tracking of vital health measures like SpO₂ respiratory rate, heart rate, and all such relevant measures
- Instant alert to patient and guardian upon the deterioration of health
- SOS to hospital in case of emergency
- Electroconvulsive therapy anytime anywhere whenever signs of sudden heart attack is detected



REQUIREMENTS


- As an emerging technology IoT is one of the main requirements to properly synchronize the health data across all the devices using the application.
- Artificial intelligence enhances the power to compute and present more accurate data.
- The application should possess correct semantics to ensure it is more and more accessible, even to those who use screen readers or hearing aid.
- Higher base connectivity to ensure that every single data is noted and processed is important to the core.
- The aluminum cast body of the pendant makes it lighter in weight and feels more comfortable.
- To check the feasibility of electroconvulsive therapy

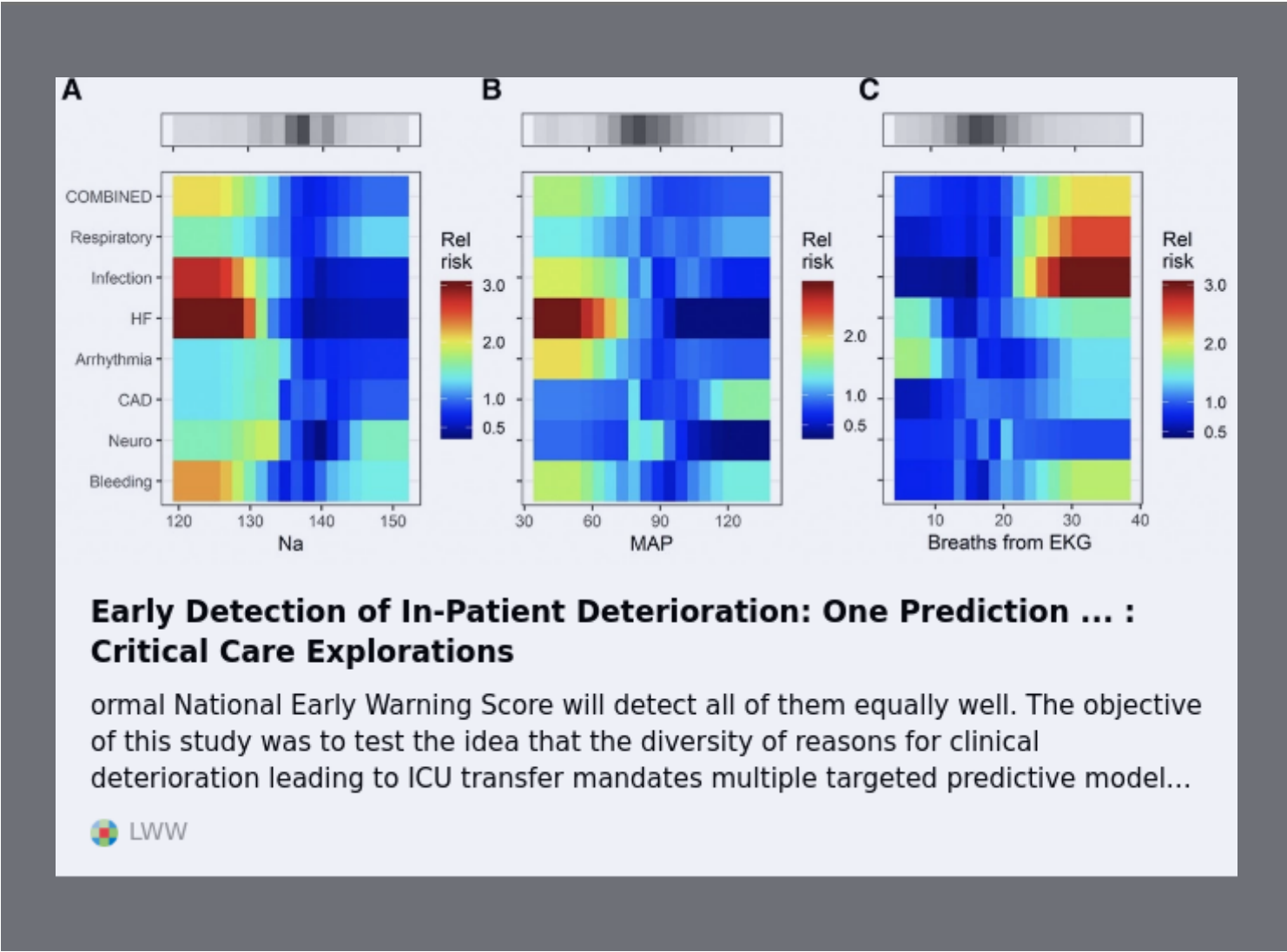
REFERENCES


BLOG

A heart rate monitor's location matters: Where is most accurate?

Heart rate monitors are going into wearables of all kinds, but the location of the heart rate monitor sensors on the body is vitally important to accuracy.

 Valencell / Ryan Kraudel / Sep 22, 2016





11 Remote Patient Monitoring Companies You Should Know About

Remote patient monitoring allows physicians and hospitals to monitor patients outside of the conventional clinic setting, where the technology can provide 24/7 data between patients and...