



GuardAin

Smart medical device tracker

Epinephrine Autoinjector (EAI) carrying compliance is a significant issue for anaphylactic patients. This leads in a high number of hospitalizations and in some cases death, when patients fail to self-inject on time.

GuardAin is a smart cap for autoinjectors that can:



Real-time tracking of the EAI smart cap with mobile-based reminder notifications.

Detect EAI activation and instantly alert emergency services and close family.



Share patient live-location with emergency services to facilitate faster locating.



IMPULSE
rethink medical devices





The smart cap always enables real-time EAI tracking through Bluetooth low energy. The patient gets notified when they are a substantial distance from the EAI. The mobile application makes it easier to locate the EAI by measuring the distance between the mobile phone and the EAI, as well as by utilising a loud buzzer.

Using a contact sensor, the tracker can detect the activation of the EAI in an emergency. This enables a message containing the patient's location to be sent to the patient's immediate relatives and the nearest emergency facility.



Using Google Maps services, emergency professionals and family members can quickly and easily locate the patient with a single click.

IMPACT

Reduce hospitalizations by increasing carrying compliance.

Improved quality of life by easing the burden of remembering to bring the EAI device with them at all time.

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