

# Privacy Policy for StopShock Application

**Last Updated:** 13.11.2023

## Responsibility

**Premedix Academy** ("we", "us", or "our") operates the StopShock mobile application ("Application"), which is part of the Score to Predict Shock (#STOPSHOCK) project. This project is a retrospective study utilising modern machine learning algorithms trained on a large population of patients from the MIMIC database, with the aim of developing a predictive model for cardiogenic shock. This page informs you of our policies regarding the collection, use, and disclosure of data when you use our Application and the choices you have associated with that data. By using the Application, you agree to the collection and use of information in accordance with this policy.

### 1. Information Collection and Use

#### 2.1 How Do We Collect Data

The data is collected through the Application. The Application is an AI-powered assistant, which predicts the risk of cardiogenic shock based on various health-related data filled in by an User. In the Application User can also create an User account and store patient data under User account.

#### 2.2. Types of Data Collected:

We collect several different types of information for various purposes to provide and improve our Application.

##### 2.2.1 Personal Data:

We may ask you to provide us with personally identifiable information that can be used to contact or identify you ("Personal Data"). This only includes your email address, which also serves as your username for the Application and is required to sign-in into the Application.

##### 2.2.2 Health and Medical Data:

As part of the Application, you may input various health-related data for a patient, which includes:

- Patient Code
- Heart Rate
- Respiratory Rate
- Saturation - SpO2
- Glucose Levels
- Systolic Blood Pressure
- Age
- Heart Rhythm
- EKG identified diagnosis
- Sex

- History of Chronic Heart Failure
- History of Arterial Hypertension
- History of Hypercholesterolemia
- A classification whether a patient experienced a cardiogenic shock

Each patient's data is stored under Patient Code which is a free text field used to identify each patient stored under your User account.

All above mentioned parameters except the patient code and a classification whether a patient experienced a cardiogenic shock are used for the #STOPSHOCK machine learning model to predict the risk of experiencing cardiogenic shock.

## **2.3 Use of Data**

**StopShock uses the collected data for various purposes:**

- To provide and maintain the Application
- To allow you to input patient data and use our artificial intelligence model to calculate the probability of Cardiogenic shock
- To collect data on whether a patient experienced Cardiogenic shock, which is stored in our database and may be used to improve the performance of our artificial intelligence model
- To analyze and improve the Application
- To monitor the usage of the Application
- To detect, prevent and address technical issues
- Data Security

## **2. User Rights**

User has right to withdraw the consent for data processing as well as access, correct, delete or transfer the data. A such request needs to be via email by contacting us at [info@premedix.com](mailto:info@premedix.com).

## **3. Changes to This Privacy Policy**

We may update our Privacy Policy from time to time. We will notify you of any changes by posting the new Privacy Policy on this page. You are advised to review this Privacy Policy periodically for any changes. Changes to this Privacy Policy are effective when they are posted on this page.

## **4. Contact Us**

If you have any questions about this Privacy Policy, please contact us.  
***info@premedix.org***

*Premedix Office: Medená 18, 811 02 Bratislava, Slovakia*