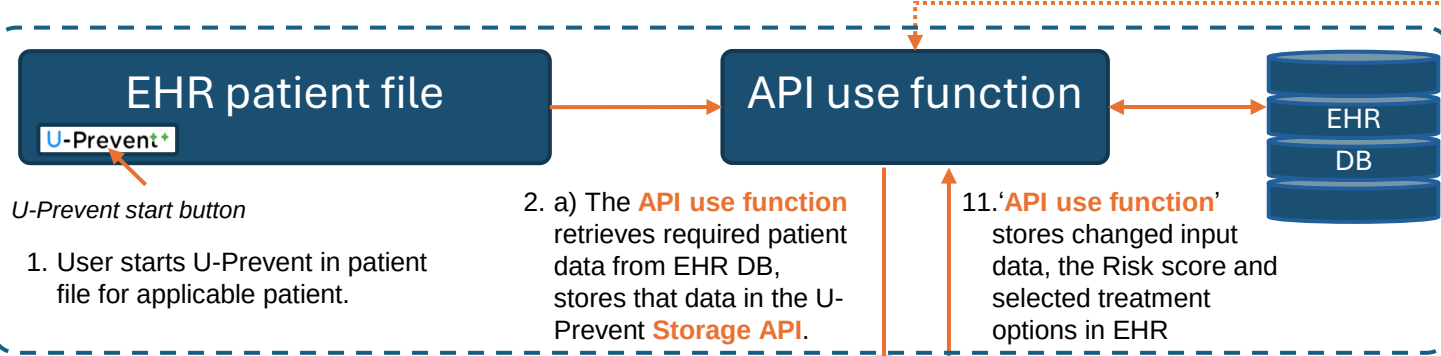


U-Prevent Connect user flow



U-Prevent start button

1. User starts U-Prevent in patient file for applicable patient.

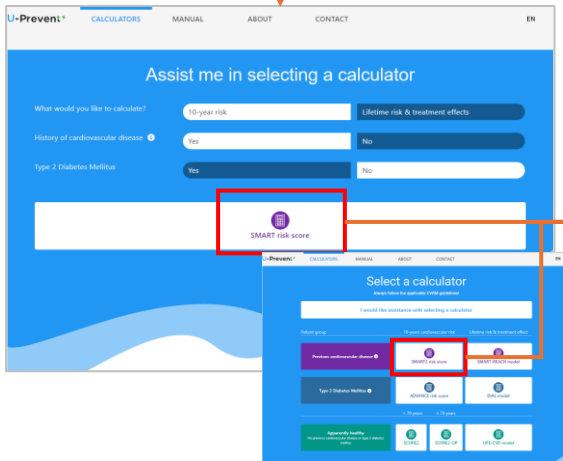
Functions in EHR system

2. a) The **API use function** retrieves required patient data from EHR DB, stores that data in the U-Prevent **Storage API**.
11. '**API use function**' stores changed input data, the Risk score and selected treatment options in EHR

A session token is provided by the Storage API

2. b) The **API use function** calls in an iFrame or browser the programmed U-Prevent screen.

Webview is presented:

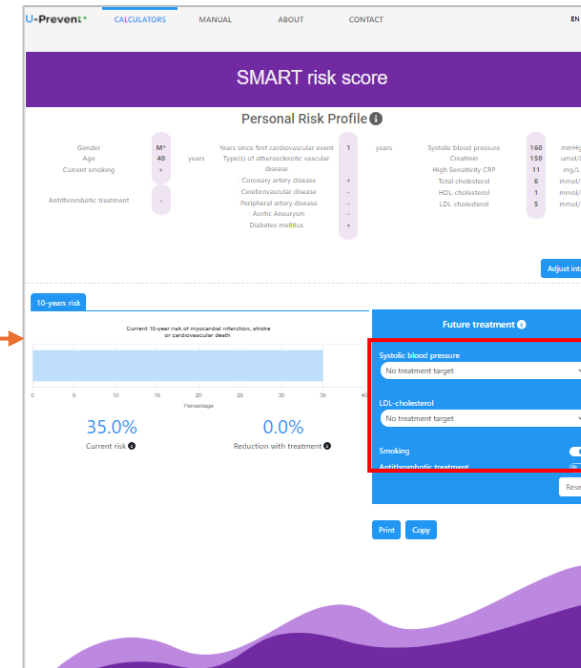


3. User selects the required U-Prevent calculator using the **Assisted Choice function**: <https://u-prevent.nl/calculators/assist> or from the **Menu**: <https://u-prevent.com/calculators>.

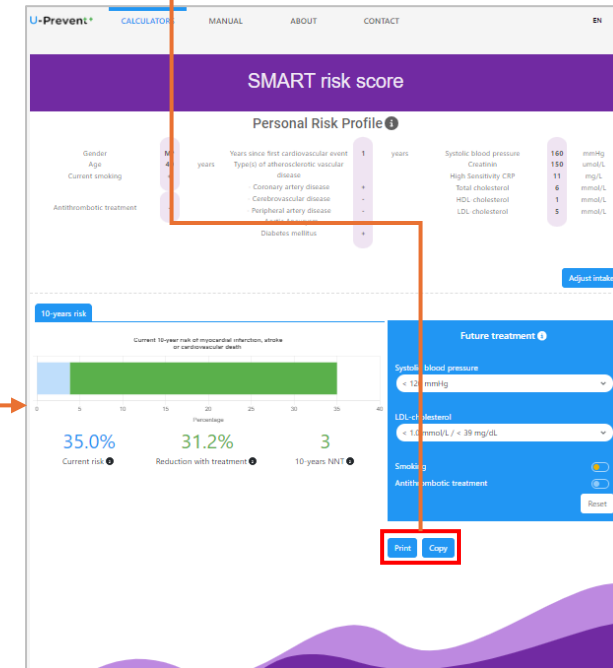
4. For the selected calculator, the corresponding U-Prevent data entry screen is displayed with all EHR data pre-populated from the **Storage API**. The user reviews the data and its timestamps and adjusts the data as needed.

This screenshot shows the 'Personal Risk Profile' data entry screen. It contains various input fields for patient information: Gender (Male/Female), Age (0-40 years), Current smoking (Yes/No), Years since first cardiovascular event (0-2024-07-24), Type(s) of atherosclerotic vascular disease (Coronary artery disease, Cerebrovascular disease, Peripheral artery disease, Aortic Aneurysm), Diabetes mellitus (Yes/No), Systolic blood pressure (0-2024-07-24), Creatinin (0-2024-07-24), High Sensitivity CRP (0-2024-07-24), Total cholesterol (0-2024-07-24), HDL-cholesterol (0-2024-07-24), LDL-cholesterol (0-2024-07-24), and Antithrombotic treatment (Yes/No). A red box highlights the 'CALCULATE' button at the bottom.

5. After clicking 'Calculate', the values must be positively validated before the calculated result is displayed together with all risk profile data.

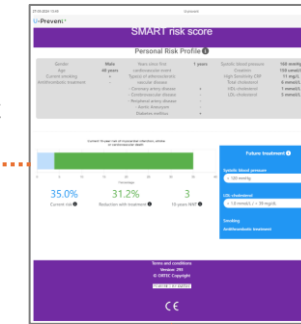


6. User evaluates the risk score and discusses the treatment options with the patient.



7. The result of the chosen treatment option is displayed.

9. User terminates U-Prevent session.
10. Changed input data, the Risk score and selected treatment options are stored in the **EHR system**.
*) this option is due to MDR restrictions currently not available.



8. U-Prevent result is copied to the clipboard or printed in a PDF. Preferably this result is stored in EHR as a report file.