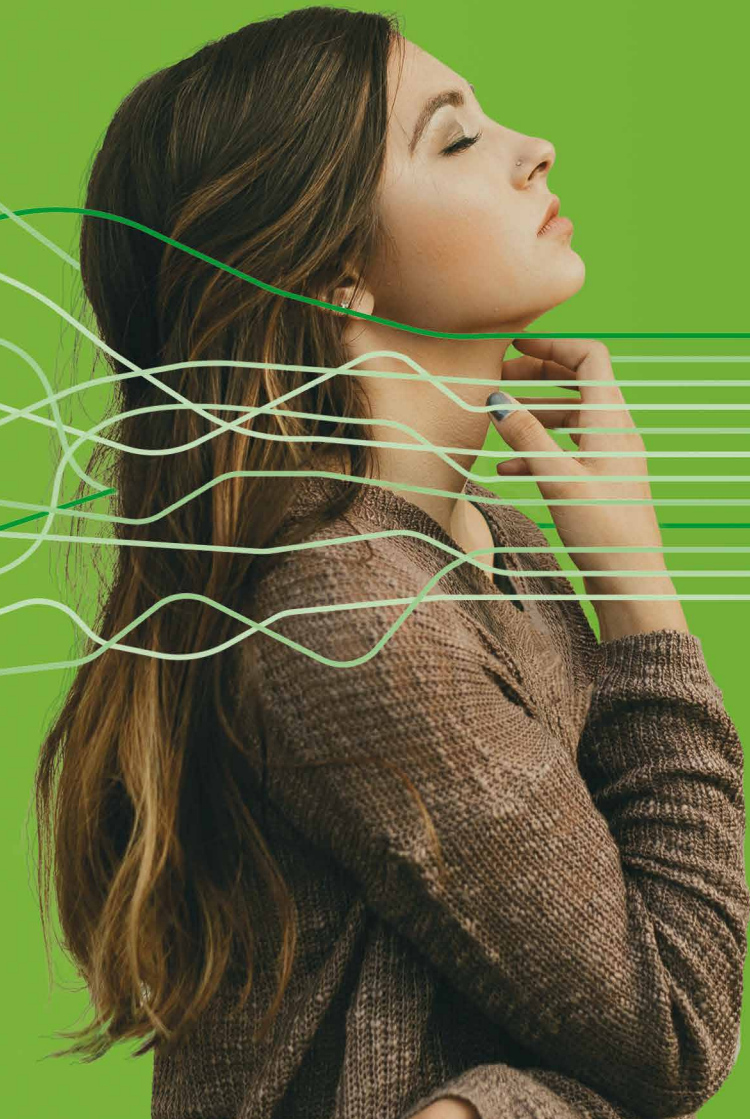




aidminutes
aidminutes.anamnesis

[HER MEDICAL HISTORY IS
ALREADY COMPLETE]

Hx simply collected



A golden rule in medical education:

Up to **80%** of diagnoses can be accurately made within just **20 minutes** with a detailed medical history collection.

Most medical practitioners rarely have more than **3 minutes** to devote to a medical history.

→ What are the consequences of the missing

17 minutes?

Answers can be found in three examples:

Case Study 1

An 18-year-old, male, non-native speaking patient visits the ER with dull pain in his left leg. The emergency physician's diagnosis is a pinched nerve in the lumbar spine as a possible cause for the symptoms. The patient is given an IM diclofenac sodium, discharged from the ER and sent home. After two more days of persisting left leg pain and edema, the patient consults his GP, who immediately orders his admission into the hospital. The patient is diagnosed with a left leg deep vein thrombosis later that day. The emergency physician had overlooked the left leg edema and pain characteristics because of inadequate communication with the patient.

- Unnecessary inpatient admission
- Extra diagnostic procedures
- Inpatient treatment unneeded*

inpatient admission

outpatient

>€10,000 treatment costs

<€ 500

Possible complications & consequences

- DVT (deep vein thrombosis) → pulmonary embolism
- DVT development into pulmonary embolism
- Emergency ambulance deployment
- Preventable interventional medical diagnostics and therapies

Possible long-term consequences

- Long-term work disability
- Possible chronic sequelae:
pneumonia, cardiac insufficiency

* For more information on the case to this point, see:
Case of the German Conciliation Body, see <https://www.norddeutsche-schlichtungsstelle.de/die-uebersehene-bein-beckenvenenthrombose/>

With aidminutes medical history app

With our medical history collection, "left leg pain" will also raise questions about edema, one of the most specific symptoms of DVT.

If detected early, the deep vein thrombosis could have been treated in outpatient settings.

Advantage of aidminutes

→ A comprehensive inquiry of accompanying symptoms facilitating differential diagnosis

Case Study 2

A 29-year-old, presumably Afghan patient seeks medical help at a GP clinic. Through broken English, the patient indirectly expresses the need for medical admission. In the medical history, the GP notices the patient's statement, "body like dead, no power".* Due to communication difficulties, the physician refers the patient for hospital admission.



**No possible Treatment
in the GP clinic!**



Hospitalisation



* case up to this point: taken from a general practice clinic in Hamburg, Germany

With aidminutes medical history app

The following information would be collected:



- Abdominal pain
- Vomiting
- Weight loss of 4 kg (~ 8.8 lbs) in two weeks
- Fever and loss of appetite
- Black stool



Outpatient treatment

The complete medical history leads to a targeted outpatient diagnostic intervention (gastroscopy) and diagnosis (bleeding from duodenal ulcer). Hospital admission is not necessary in this case.

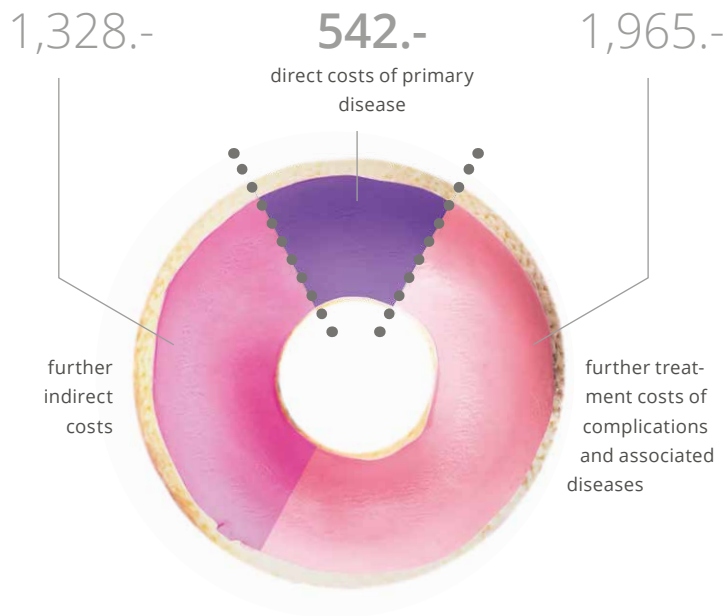
Advantage of  aidminutes

→ aidminutes enables the taking of medical histories in foreign languages and dialects

Case Study 3

A 49-year-old patient with a BMI over 29 visits a GP's clinic due to acute back pain. The patient indicates that injections into the affected back muscles have helped her so far in relieving the pain quickly. She explicitly does not want to be on sick leave. No other pre-existing conditions or regularly taken medications are known.

Annual healthcare costs of type 2 diabetes mellitus (in Euros)*



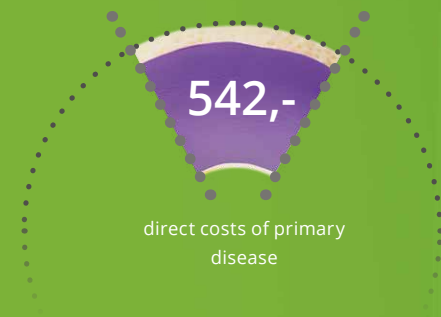
* Germany; Köster I, Schubert I, Huppertz E. Fortschreibung der KoDiM-Studie: Kosten des Diabetes mellitus 2000–2009. Dtsch Med Wochenschr. 2012; 137: 1013-1016

With aidminutes medical history app

Medical history result:

- Back pain
- Respiratory distress / shortness of breath (for two weeks)
- Stress at work
- Leg swelling on both sides
- Nighttime urination
- Radiating chest pain
- Increased thirst
- Family-history of diabetes

◀  Early recognition



Advantage of  aidminutes

→ aidminutes protects against secondary complications and prevents excessive follow-up costs

How does **aidminutes work?**



Medical History



with your own smartphone
at home



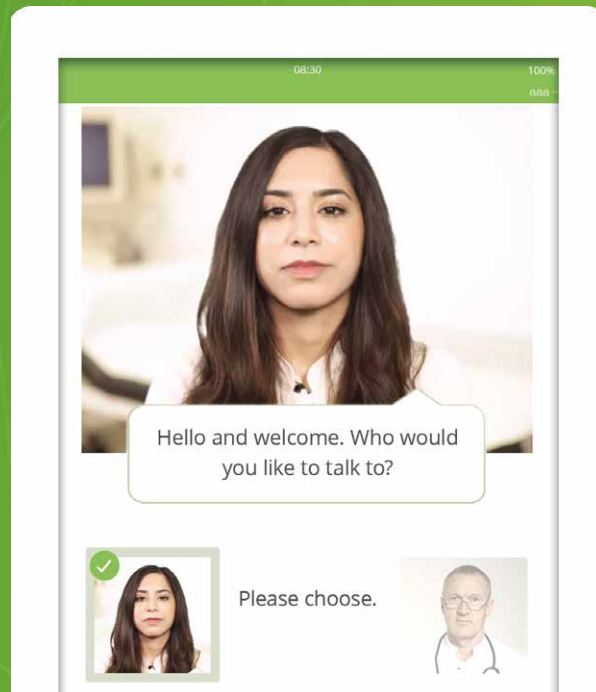
with a tablet in a doctor's office



during a stay abroad

EHR
on IBM
Open Health
Platform

The program includes a **structured survey** the the patient's medical history, which includes the patient's current symptoms and medical history as completely and clearly as possible **in simple language**. **aidminutes** medical history app documents known diagnoses and **current medications**. **Psychosomatic aspects** are integrated and the subjective perception of the ailments by the patients is taken into account.



PMS

Patient
Management
System

GP clinic



HIS

Hospital
Information
System

Hospital



20+

**culturally
sensitive**

language
options with

consistent **video** and **audio** support.
Also suitable for **non-written dialects**
and languages.

Medical History with patient-centered software

What does that mean? Nowadays, patients use their life experience and their habits in dealing with digital media in a medical context: multimedia content such as videos, audio and animations are therefore a matter of fact. **aidminutes** uses these media to get attention and receive a complete medical history.

What are advantages for medical staff?

After the patients enter their data themselves, the doctor receives a well-structured synopsis with symptoms, medical history and all peculiarities (allergies, pregnancy, coagulation disorders, psychological impairments, and much more).

The ailments are rated according to their duration, onset, intensity and localization as well as the accompanying symptoms (e.g. breathing difficulties, vomiting, anxiety, fainting, palpitations) in order to identify any emergencies in due time.

- Digitisation of medical history
 - Significant cost saving potential with better medical history records
- Establishment of an anamnestic standard
 - Simplified and reliable MHR documentation
- Well-founded diagnoses through answers presented in a structured way
 - Time saving: before treatment, doctors get a translated, compact synopsis containing patients' answers and ailment localisations
- Optimized for everyday medical routine
- Consistently patient-centered
 - Integration of EMR as an additional service
- Maximum data security

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Sources:

Title photo by Brooke Cagle on Unsplash

https://de.freepik.com/vektoren-kostenlos/buroangestellter-set_1539145.htm