

The Saxony-Anhalt Cancer Society and the support group for patients suffering from leukaemia and lymphoma at Halle (Saale), represented by Simone Pareigis, approached IT-Consult Halle GmbH about the further development of an existing project in the early stages concerning an electronic patient record via memory stick. IT-Consult Halle GmbH has not only extensive experience in the field of software and web development regarding medical setting, but also meets all requirements for the realisation of the further development as a local computer centre service provider.

The idea of digitisation their extensive medical records in hard copy derived from the members of the above mentioned patient support group because of personal experiences. Currently, these medical records are carried along via memory stick. The usage of a digitised file resulted in positive feedback among attending doctors and health personnel during stays, for example in the hospital.

The aim of the intended joint further development is the replacement of the memory stick by a worldwide independant and secured web access to one's own file, containing all relevant personal medical data. We focus on meeting the privacy policy due to german standard. The members of the patient support group are already using the memory stick consistently for quite some time now and are going to be pilot users for the further development of *meine.WEGA*.

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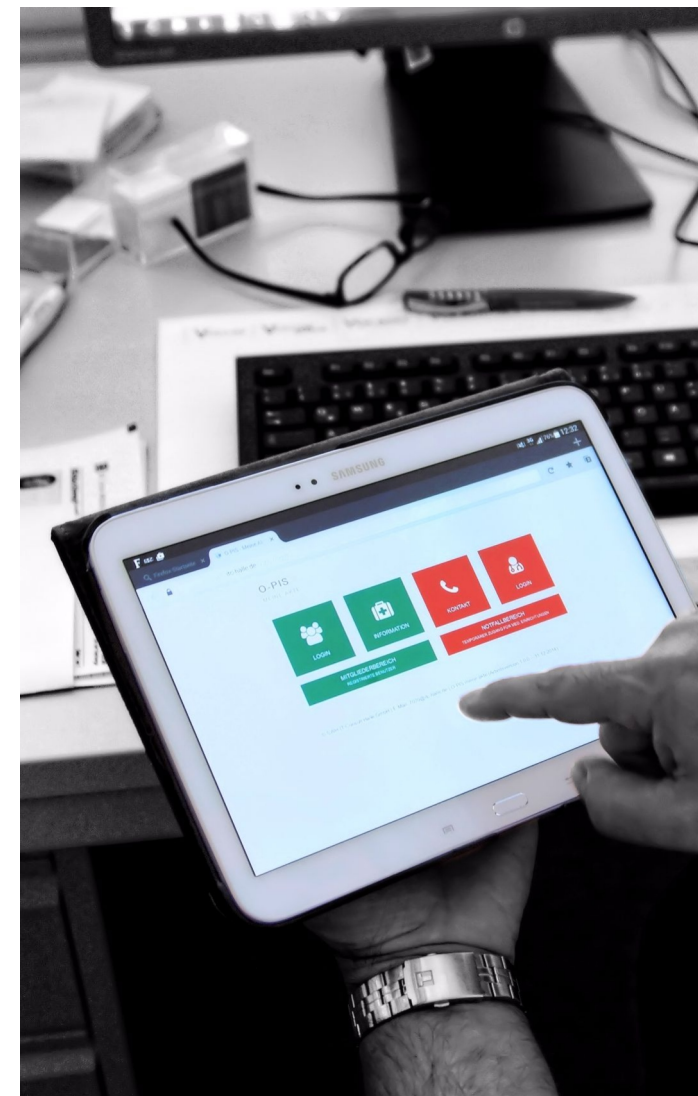
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meine.WEGA

Lifetime electronic health record

meine.WEGA

Sometimes the treatment of diseases is realised over a long period by different doctors and varying medical facilities. Because of the multitude of patient information systems used by hospitals and medical specialists, a common basis of information is hardly ever available.

Depending on the course of disease and the patient history, a medical record may consist of several folders. The heaviness of these folders and the efforts in searching for essential information concerning the medical treatment is hardly acceptable.

This is where meine.WEGA comes in. We offer a web-based solution for patients, providing a central filing system for documents such as reports on diagnostic findings, anamnesis, discharge letters and images (CT, MRI, positron emission tomography, ...).

Data about the course of the disease, induced treatments, medication and recommendations how to continue the treatment may easily be collected and provided safely.

Every attending physician, in case he was entitled by the patient, may easily have quick access to relevant data requiring nothing more than a PC or a tablet PC and an internet connection.

For patients

Every patient may contribute considerably to the efficiency and quality of his therapy arrangement by using his personal meine.WEGA.

Examples:

- storage of preventive medical checkup pass and after care pass, vaccination card, allergy pass card, patient's provision, etc.
- keeping a medical condition journal
- enquiries from the health personnel can be answered considerably and precisely meaning a better medical care
- medication can better be managed and drug intolerances can be detected in time

For attending doctors

The chronological and content structured storage of data concerning different disease patterns from various medical fields (e.g. haematology, cardiology, oncology, gastroenterology) allows practitioners a quick and extensive briefing by the use of meine.WEGA.

Immediate availability of:

- diagnostic findings, anamnesis, discharge letters
- images (CT, MRI, positron emission tomography, etc.)
- data according the classification of the disease
- induced treatments
- course of the disease
- medication
- recommendations regarding the continuation of the therapy

How does it work?

meine.WEGA is a web application and accessible by every web-enabled device (PC or tablet PC). Personal documents can be digitalised and classified by the user, or a certified service provider, and lodged at the personal account of meine.WEGA. Having an appointment at a medical facility, the patient offers the relevant access information to his practitioner who will then have limited access to the collected data due to his authorisation. Depending on his authorisation the practitioner may add documents and relevant information concerning the treatment.

Exemplary features:

- secured storage and classification of documents (filing and keeping the preventive medical checkup pass and after care pass, vaccination card, patient's provision, drug chart and much more)
- storage of medical images (CT, MRI, positron emission tomography, etc.)
- recording of benefits, diagnostics and findings as well as other medical documentations and timed concepts
- efficient search and filter possibilities
- chronological history
- stringent user and policy management
- emergency access