



IMPROVE
COMMUNICATION,
DISCOVER AN EASIER
WAY TO WORK.

Cognitive Computing - Clinical Trials

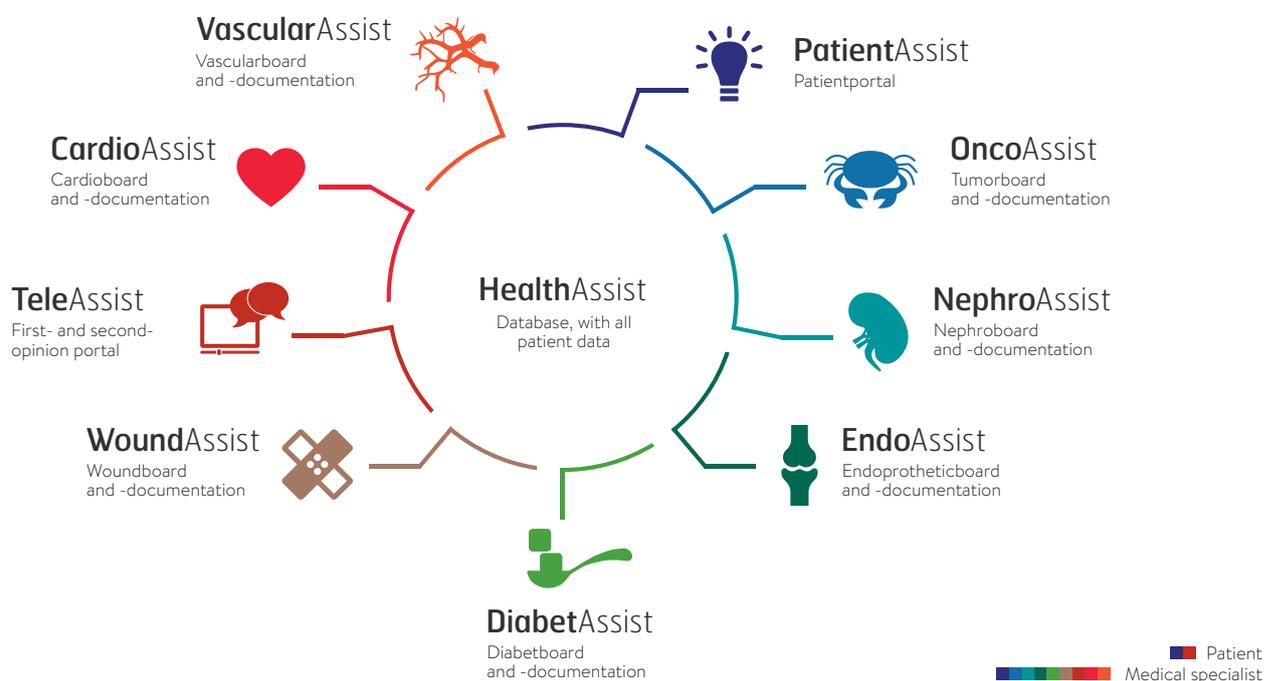


HEALTHCARE X.0: FOCUS ON MEDICAL DATA

Digitisation has revolutionised medicine and the healthcare sector - but the challenge is to keep track of all the data from different systems. Healthcare X.0 packages patient data into a digital patient file, illustrates the progress of a course of treatment and enables professional communication with other health specialists. Everything in modular form in one software. Connected, crosslinked, unique and intuitive to use: HealthAssist Modules. This is what integrated healthcare software looks like today. Healthcare X.0 is supported by software modules with specific areas of expertise. All modules are browser-based and work closely together, making them completely independent of the hardware: suitable for Mac or PC, tablet or notebook. All modules operate in the cloud in the secure, private data centre of the GCC German Computer Company in Germany or in-house at the data centre of the clinic. During development particular

The idea behind the Healthcare X.0 modules: a modular concept.

importance was paid to the different perspectives of users. A physician working with SAP for example in a hospital does not need to enter information twice. This means of course that we have integrated all of the interfaces based on international standard HL7, such as patient management systems (PMS), hospital information systems (HIS) and laboratory data transfer (LDT). Thus all possible individual applications are available to you. It is not necessary to enter data twice.



YOUR ROADMAP TO THE FUTURE

The HealthAssist database is the core element which is accessible to all modules. HealthAssist manages all relevant data: patient information, medical reports, X-rays and much more. All of the other modules are interconnected and acquire their data from here.



COGNITIVE COMPUTING - CLINICAL TRIALS THE FUTURE OF MEDICINE

From the point at which a new active ingredient is developed, it still has a long way to go before it can be prescribed as effective medication. All treatments have to be carefully scrutinised and tested in clinical trials. Pharmaceuticals companies are required to find a valid number of eligible volunteers to take part in their studies so that their drug can be tested to approval. But this is not a straightforward task, as patients often have reservations about clinical trials and the pharmaceutical industry as a whole. An international survey revealed that only around 40% of people would participate in one of these studies. But patients and attending physicians alike are often unaware that there is an appro-

Clinical trial: Recruiting patients with AI (artificial intelligence).

appropriate trial in progress for their indication. The same survey also indicated that only nine per cent of all German people asked had the opportunity to participate in a clinical study, and 70 per cent of this group actually went ahead with it. Quite simply, a great deal of potential is going to waste. But how are patients supposed to know that there are clinical studies available for their particular indications? Until now, it was almost exclusively down to doctors and agencies to spread the word, taking up valuable time and resources. So why not target patients directly? After all, participating in a survey can open up new doors for a great many patients, as it gives them the opportunity to try out the latest, cutting-edge active ingredients and thus hope for better chances of recovery. The care and support provided for the duration of the study is often more closely monitored and intensive than for regular treatment. What's more, participants also make an essential contribution to the community by facilitating breakthroughs in the understanding of the treatment.

Integrated in PatientAssist and OncoAssist.

Patients' clinical data has already been fully integrated into the assistant module using artificial intelligence. This changes the patient recruitment process for clinical studies.

PatientAssist

-  Can be extended by all Assist-modules
EHR to Assist-module
-  Pain diary
Medication list
EMR/EHR
Access to medical reports etc.
Access in case of emergency
Communication exchange between parties concerned
-  Patients and physicians
-  Languages: German, English, Russian, Chinese, Italian, more on request
-  Fast entry via AppleWatch/iPhone

OncoAssist

-  Can be extended by TeleAssist
EHR to PatientAssist
-  Tumour conference and documentation
Cancer Register
Communications
Access to international studies and guidelines
DICOM-viewer
Videoconference
Interdisciplinary
-  Surgery, Oncology, Radiotherapy, Radiology, Pathology, Gynaecology, Urology etc.
-  Languages: German, English, Russian, Chinese, Italian, more on request
-  Accounting per case
Partial refund

