

## Functions

Base functions and LKFcc-Modul	Medical and interprofessional documentation system
<ul style="list-style-type: none"> <li>▪ <b>patient administration</b></li> <li>▪ <b>patient record</b></li> <li>▪ <b>analyses, hard copies, worklists</b> administrative</li> <li>▪ <b>classification of patients</b> <b>Diagnostics Management based on ICD10</b></li> <li>▪ <b>permission and role management</b> security system</li> <li>▪ <b>catalog master data</b></li> <li>▪ <b>logging and data historization</b></li> <li>▪ <b>CAVE</b> logistic, administrative</li> <li>▪ <b>settlement</b> as far as required</li> <li>▪ <b>administrative statistics</b></li> <li>▪ <b>scoring system</b></li> <li>▪ <b>graphical representations</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>arrangement of medical services</b></li> <li>▪ <b>medical activity recording</b></li> <li>▪ <b>Clinical overview and fever chart</b></li> <li>▪ <b>interdisciplinary progress notes system</b></li> <li>▪ <b>worklists</b></li> <li>▪ <b>arrangement / classification of patients</b> medical, nursing</li> <li>▪ <b>anamnesis</b></li> <li>▪ <b>medical directives</b></li> <li>▪ <b>report of appointments / appointment list</b> appointment worklist</li> <li>▪ <b>structured medical documentation</b></li> <li>▪ <b>wound documentation</b></li> <li>▪ <b>wound assessment</b></li> <li>▪ <b>wound therapy</b> directives and documentation (photo)</li> <li>▪ <b>therapy documentation</b></li> <li>▪ <b>progress documentation</b></li> <li>▪ <b>therapy reports</b></li> </ul>
Patientendokumentation	
<ul style="list-style-type: none"> <li>▪ <b>document file of the patient</b></li> <li>▪ <b>document release</b> validation</li> <li>▪ <b>dynamic reports</b></li> <li>▪ <b>dynamic questionnaires</b></li> <li>▪ <b>survey and documentation forms</b> individual design</li> <li>▪ <b>team report</b> interprofessional reporting and documentation system</li> <li>▪ <b>electronic dictation</b></li> <li>▪ <b>voice recognition</b></li> <li>▪ <b>voice control</b></li> <li>▪ <b>electronic signature</b> with sign pad, directly in the software (paperless)</li> <li>▪ <b>control of medical workflows</b> inpatient and outpatient operations</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>creation, administration, application of clinical pathways</b> an inter-case application is also possible if required; possibility to store every popular triage or classification system behind</li> <li>▪ <b>medical and nursing treatment board</b> including electronic dictation and semi-automatic creation of outpatient documentation (ambulance card)</li> <li>▪ <b>recording of the medication</b></li> <li>▪ <b>obstetric documentation</b> complete</li> <li>▪ <b>separate baby fever curve for newborns</b> technically directly connected with the fever curve of the woman in childbed</li> </ul>

Functions	
Medication	CareDok
<ul style="list-style-type: none"> <li>▪ medication</li> <li>▪ catalog management</li> <li>▪ prescription</li> <li>▪ Clinical Checking</li> <li>▪ application</li> <li>▪ integration of pharmacies</li> <li>▪ administration of infusions</li> <li>▪ interaction check</li> <li>▪ allergy check</li> <li>▪ risk check</li> <li>red-hand</li> <li>▪ documentation of side-effects</li> <li>▪ prescription print</li> <li>▪ individual medication</li> <li>▪ search for active ingredients</li> <li>▪ search for generic medicaments</li> <li>▪ availability check</li> <li>▪ pharmaceutical consulting</li> <li>▪ SAP MM interface</li> <li>Availability, etc.</li> <li>▪ <b>Recording of the medication</b></li> <li>Is also possible for outpatient treatments</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>illustration of the complete care process</b> every popular taxonomy can be used</li> <li>▪ care assessment</li> <li>▪ care planning</li> <li>▪ custodial documentation</li> <li>▪ evaluation</li> <li>▪ recording of vital signs</li> <li>▪ management of catheters and aditus</li> <li>▪ care worklists</li> <li>▪ medication lists</li> <li>▪ service changeover</li> <li>▪ custodial service recording for inpatients and outpatients</li> </ul>

Technical specifications	
<b>Structure</b> <ul style="list-style-type: none"> <li>▪ <b>triple layer structural model</b></li> <li>▪ <b>Database server</b> can be scaled in multiple layers</li> <li>▪ <b>Backend-service-host(s)</b> can be scaled in multiple layers</li> <li>▪ <b>Frontend</b> clients</li> </ul>	<b>Coding</b> <ul style="list-style-type: none"> <li>▪ <b>.NET Framework</b></li> <li>▪ <b>C#</b></li> <li>▪ <b>Microsoft SQL-Server</b> recommended</li> <li>▪ <b>Sybase</b></li> </ul>
<b>Data exchange and interfaces</b> <ul style="list-style-type: none"> <li>▪ <b>HL7 Server</b></li> <li>▪ <b>ASCII</b></li> <li>▪ <b>HCM</b></li> <li>▪ <b>PIA</b> obstetrics</li> <li>▪ <b>BAPI</b></li> <li>▪ <b>laboratory</b></li> <li>▪ <b>integration of / interface to external patient management tools</b> e.g. PDMS</li> <li>▪ <b>integration of communication server</b> e.g. Orchestra</li> <li>▪ <b>integration of "jasper report server"</b></li> <li>▪ <b>form designer of the radiology</b></li> <li>▪ <b>RIS / PACS</b></li> <li>▪ <b>eCard interface</b></li> <li>▪ <b>HL7 interface</b> BAP</li> </ul>	<b>Functions provided by third party companies</b> <ul style="list-style-type: none"> <li>▪ <b>Recognosco voice recognition</b></li> <li>▪ <b>Signotec signature service</b> for electronic signature</li> <li>▪ <b>signature by citizen card</b> if required also with mobile signature</li> <li>▪ <b>all web services that are relevant for patient-related medical applications</b> Including dictionaries, medication information, various literature, etc.</li> <li>▪ <b>GINA-services</b></li> </ul>