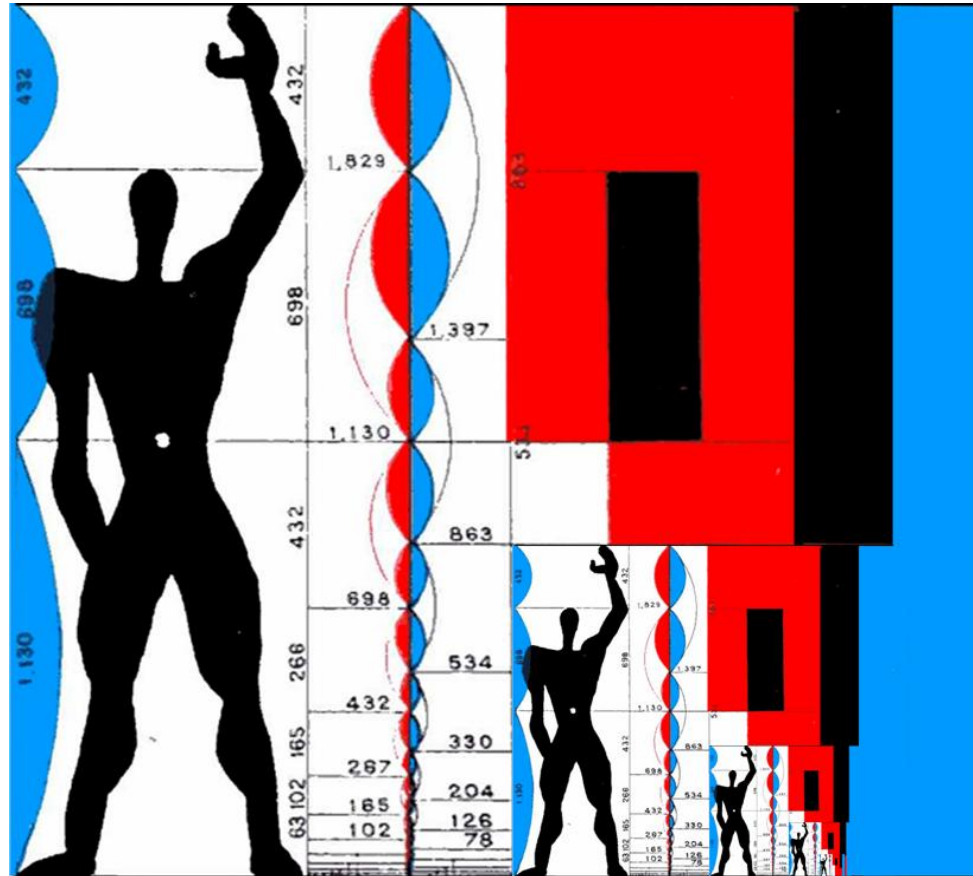
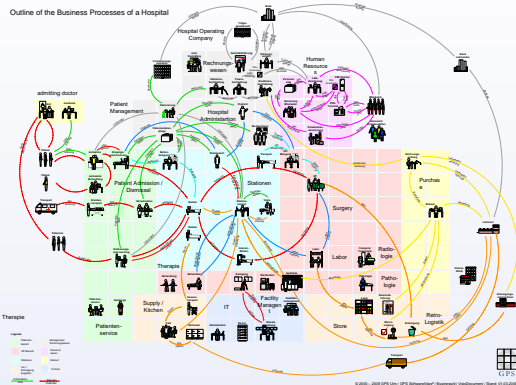


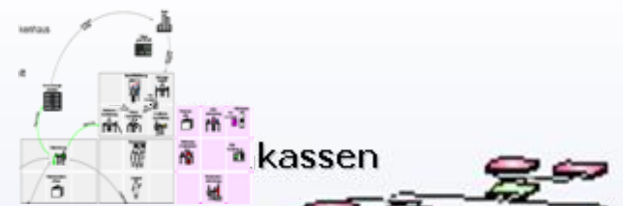
# Arztbrief und Patientenakte





AkutKrankenhaus

Gesetzliche Krankenkassen



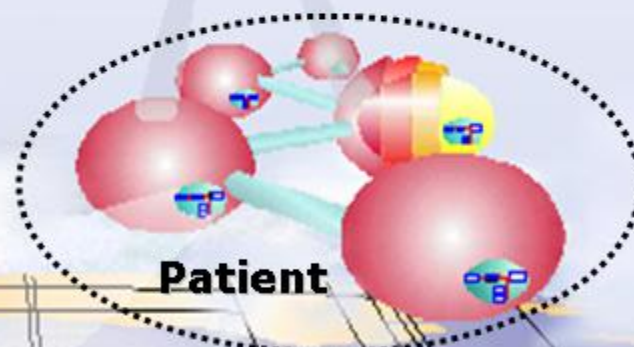
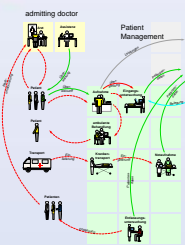
kassen

RehaKlinik

AkutKrankenhaus

FachArzt

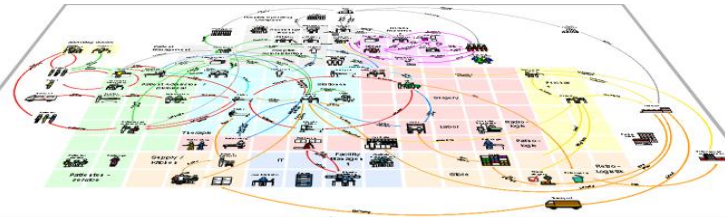
HausArzt



Patient

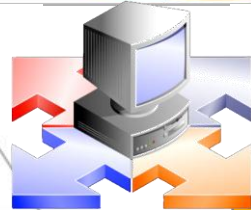
Service Oriented Architecture

Event Driven Architecture

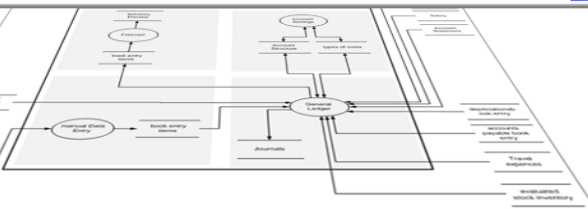


Use Case

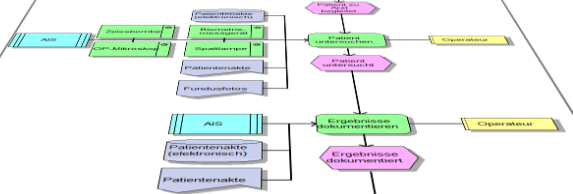
Use Case



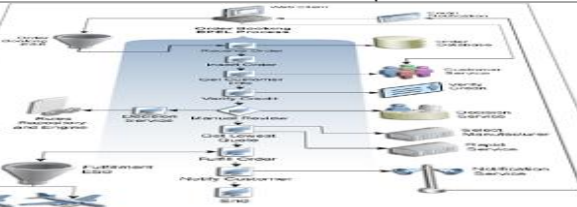
Information Flow



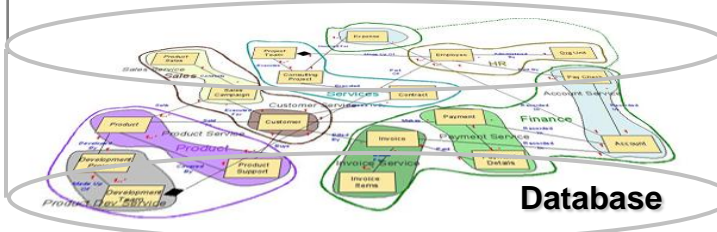
ARIS



BPEL



Database



WebServices

**SAP | ES WORKPLACE** Index | Enterprise Services Index

**ENTERPRISE SERVICES INDEX**

Process Components

- Process Components in ESM ERP 60
- Process Components in ESM ERP 603
- Process Components in ESM ERP 604

**SAP | ES WORKPLACE** Index | Process Components in ESM ERP 603

**PROCESS COMPONENTS IN ESM ERP 603**

- Academic Structure Management (Higher Education)
- Accounting
- AI Content Processing
- Automated Product Data Management
- Advertising Sales Order Processing
- Analytics

**SAP | ES WORKPLACE** Index | ERP Applications without HCM | Sales Order Processing

**SALES ORDER PROCESSING**  
PROCESS COMPONENT

Definition  
Sales Order Processing handles customer's requests to a company for delivery of goods or services at a certain time. The request is received by a sales area, that is then responsible for fulfilling the contract.

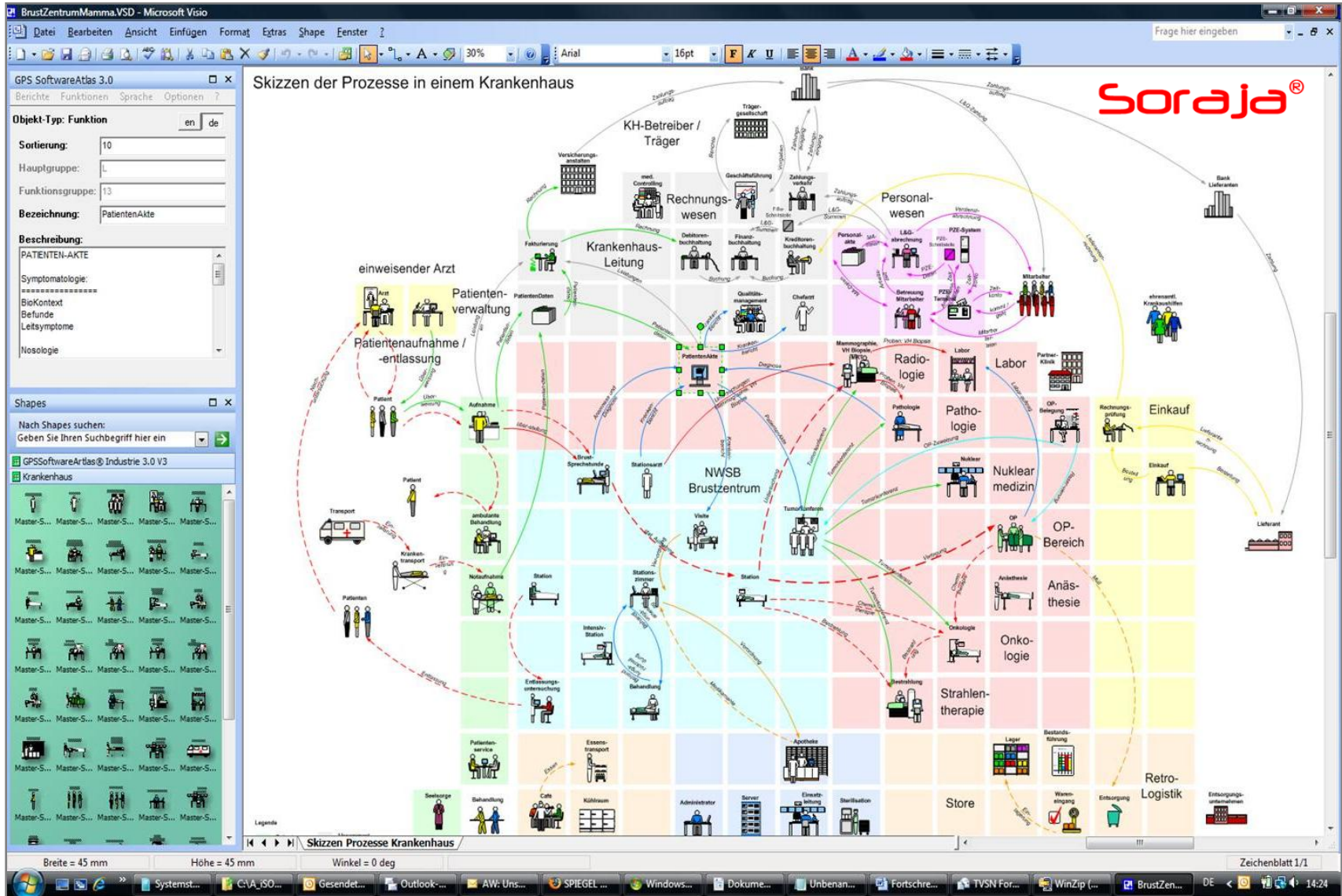
Technical Data  
ESR Object Type: processcomp  
Software Component Version: ESM ERP 603

**SAP | ES WORKPLACE** Index | ERP Applications without HCM | Sales Order Processing | Manage Sales Order in Service Interface

**MANAGE SALES ORDER IN SERVICE INTERFACE**

Technical Data  
A2X  
Ebound

Enterprise Services Repository



The screenshot displays the SemTalk KSA Edition software interface, which is used for modeling clinical processes. The main window shows a process flowchart titled "Behandlung" (Treatment) for breast cancer, organized into five vertical lanes: RADIOLOGIE (Radiology), GYNÄKOLOGIE (Gynecology), PATHOLOGIE (Pathology), ONKOLOGIE (Oncology), and STRAHLEN (Radiation). The process starts with "Eingang" (Input) leading to "Brustsprechstunde-Untersuchung.1" (Breast consultation examination). This is followed by "Anamnese.17" (History taking). A decision diamond "Entscheidung" (Decision) leads to either "Mammographie durchführen.3" (Perform mammography) or "VH-Biopsie.4" (VH biopsy). The mammography path leads to "Brustbesprechung" (Breast consultation) and then to another decision diamond. The biopsy path leads to "Entscheidung" (Decision), which branches into "AccordModell.16" (Accord model) and "Pathologie diagnostizieren.6" (Diagnose pathology). The "AccordModell.16" path leads to "Tumorkonferenz vorbereiten.7" (Prepare tumor conference), which then leads to "RAD-Befund besprechen.2488" (Discuss radiology findings), "GYN-Befund besprechen.9" (Discuss gynecology findings), "PAT-Befund besprechen.10" (Discuss pathology findings), "ONK-Befund besprechen.11" (Discuss oncology findings), and "ADM-Befund besprechen.12" (Discuss ADM findings). The "Pathologie diagnostizieren.6" path also leads to these five discussion steps. Finally, all paths converge at "Tumorkonferenz dokumentieren.13" (Document tumor conference).

On the right side, two dialog windows are open. The top one is titled "Frau Eri-Liga Arnold geboren am 29.04.1941" and shows a "Dialog Ansicht" (Dialog View) for a therapy cycle. It includes fields for "Beginn des Therapiezyklus" (Start of therapy cycle) set to 05.07.2008, "Aktuelle Therapie" (Current therapy), and "Erweiterte Therapie" (Advanced therapy). The bottom dialog window is titled "Frau Eri-Liga Arnold geboren am 29.04.1941 - Diagnostik" (Diagnosis) and displays two anatomical diagrams of a female torso with breast markings, indicating the location of a lesion.

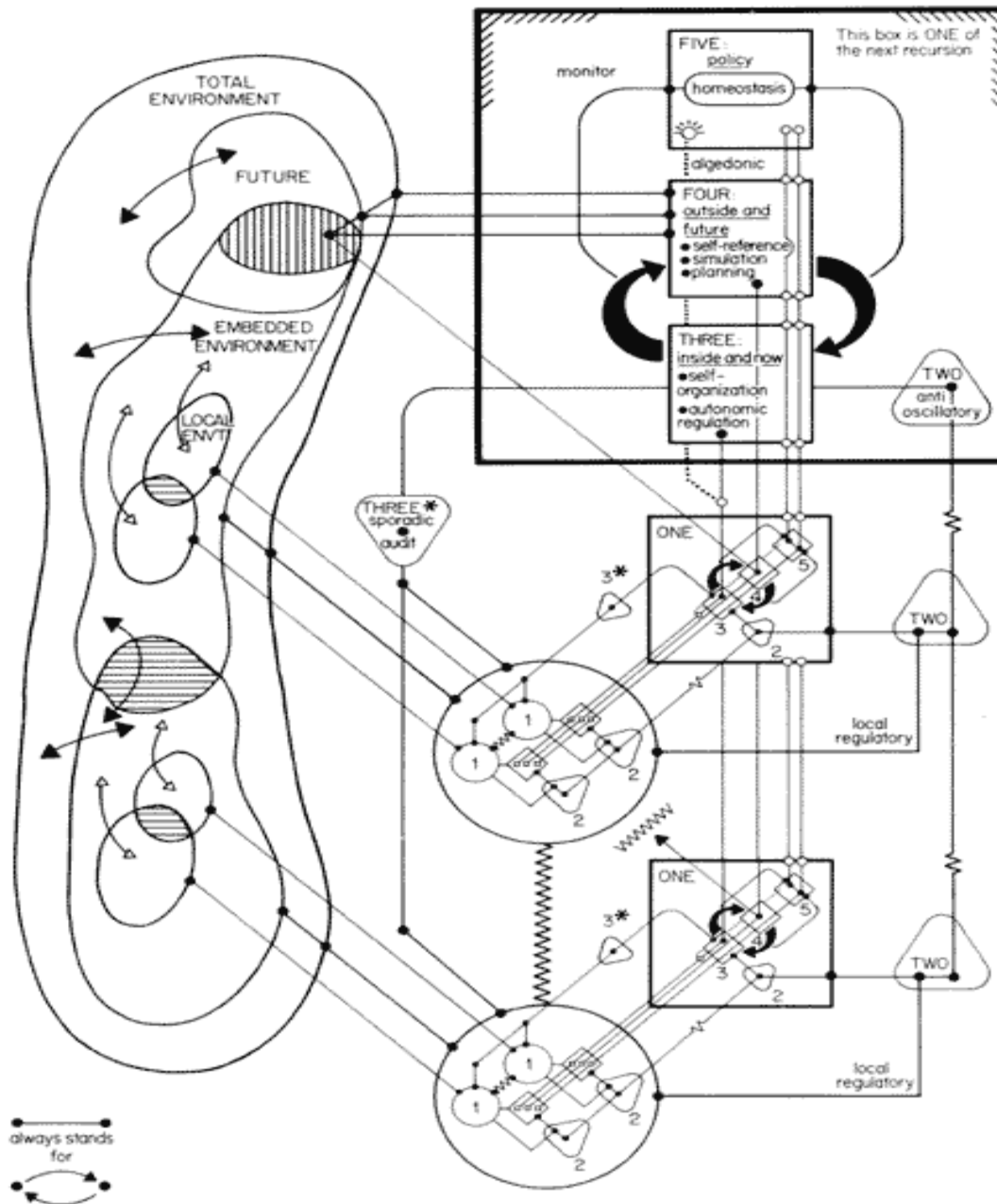
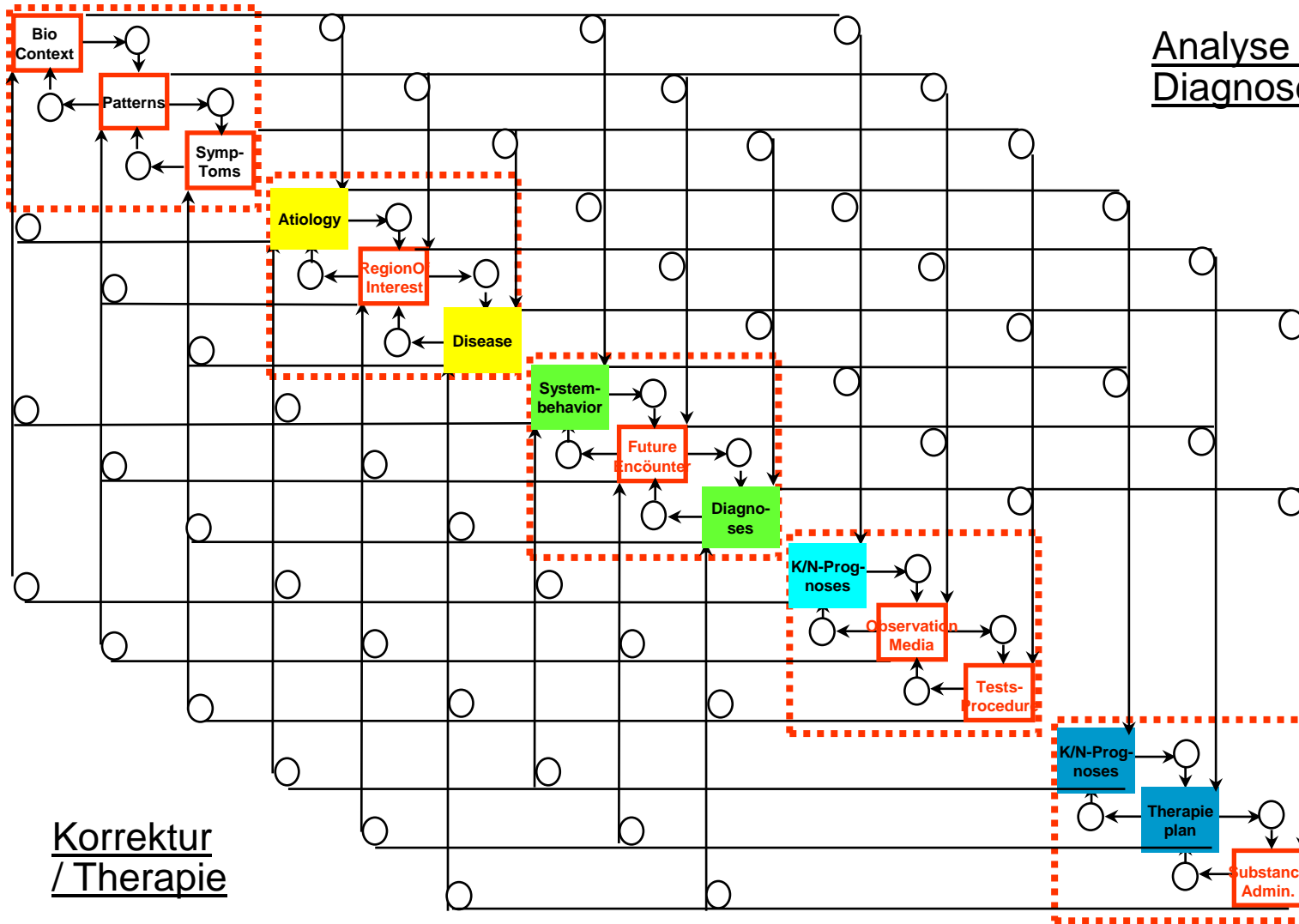


FIGURE 37

THE VIABLE SYSTEM  
- Stafford Beer

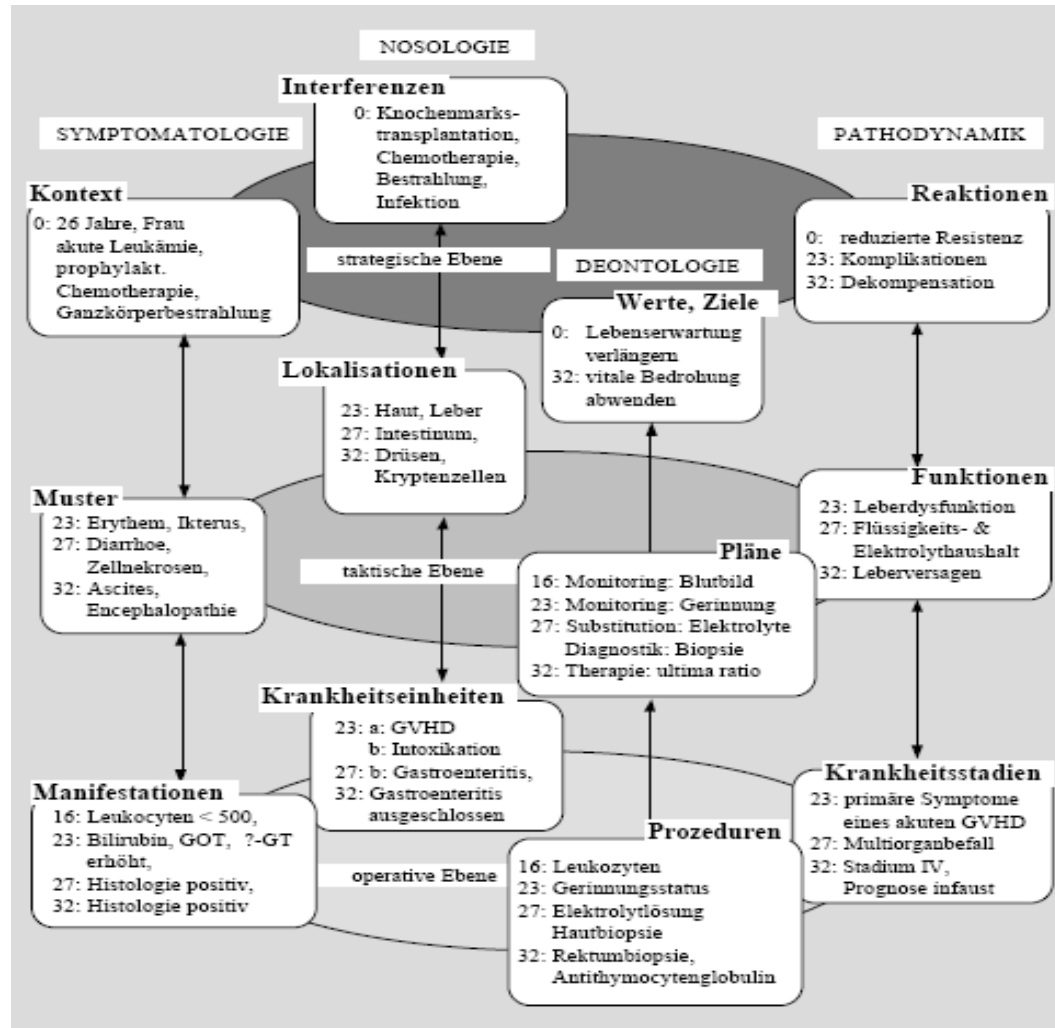




Analyse /  
Diagnose

Korrektur  
/ Therapie

| cdaEntry                       |  |
|--------------------------------|--|
| <b>Observation</b>             | <pre>classCode*: &lt;&lt; OBS moodCode*: &lt;&lt; x_ActMoodDocumentObservation id*: II [0..1] code*: [1..1] &lt;&lt; ObservationType negationInd: text: effectiveTime: IVL&lt;TS&gt; [1..1] value: interpretationCode: SET&lt;CS&gt; CNE methodCode: CE CWE [0..1] targetSiteCode: CD CWE [0..1]</pre>   |
| <b>RegionOfInterest</b>        | <pre>classCode*: &lt;&lt; ROI/OVL moodCode*: &lt;&lt; EVN id*: II [1..1] code*: CE CNE [1..1] #ROIOverlayShape value: LIST&lt;INT&gt; [1..1]</pre>   |
| <b>ObservationMedia</b>        | <pre>classCode*: &lt;&lt; OBS moodCode*: &lt;&lt; EVN id: II [1..1] value: ED [1..1]</pre>   |
| <b>SubstanceAdministration</b> | <pre>classCode*: &lt;&lt; SBADM moodCode*: &lt;&lt; x_ActMoodIntEvent id: II [0..1] text: effectiveTime: IVL&lt;TS&gt; [1..1] priorityCode: CE CWE [0..1] #AetPriority PRN routeCode: &lt;&lt;MedAdministrationRoute approachSiteCode: CD CWE [0..1] #AetSite doseQuantity: rateQuantity: substitutionCode: &lt;&lt;SubstanceAdminSubstitution</pre> |
| <b>Act</b>                     | <pre>classCode*: &lt;&lt; ACT moodCode*: &lt;&lt; x_ActMoodIntEvent id*: II [1..1] code*: [1..1] &lt;&lt; ObservationType negationInd: text*: [1..1] effectiveTime: IVL&lt;TS&gt; [1..1]</pre>   |
| <b>CodedEntry</b>              | <pre>classCode*: &lt;&lt; ACT moodCode*: &lt;&lt; EVN id: II [0..1] code: [1..1]</pre>   |
| <b>Procedure</b>               | <pre>classCode*: &lt;&lt; PROC moodCode*: &lt;&lt; x_ActMoodIntEvent id*: II [1..1] code: text: effectiveTime: IVL&lt;TS&gt; activityTime: IVL&lt;TS&gt; methodCode: CE CWE [0..1] approachSiteCode: CD CWE [0..1] targetSiteCode: CD CWE [0..1]</pre>   |
| <b>FutureEncounter</b>         | <pre>classCode*: &lt;&lt; ENC moodCode*: &lt;&lt; INT code: &lt;&lt; ActEncounterCode text: effectiveTime: IVL&lt;TS&gt;</pre>   |



## GvHD

Graft versus host disease:  
Transplantierte Zellen  
greifen Gewebe und  
Organe an

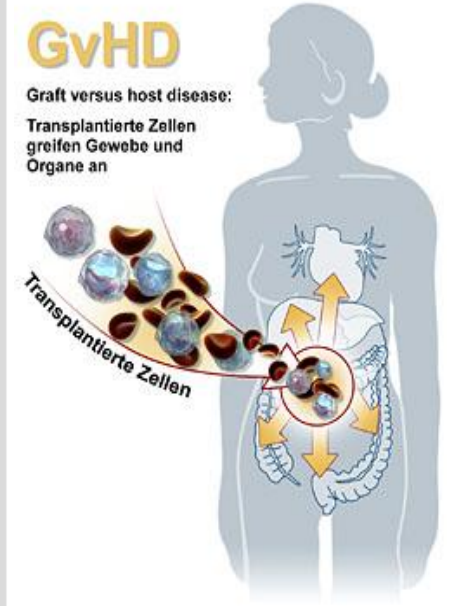


Abb. 15: Die modellgemäße Abbildung des Krankheitsverlaufes bei einer Patientin mit akutem versus Host disease (GVHD) nach Knochenmarkstransplantation. Die Zahlen vor den Zeilen bezeich-  
nen die Tage nach der Transplantation. Die 26 Jahre alte Patientin litt an einer akuten Leukämie.

The Next Generation  
of Business Solutions  
Starts in the Middle

The Next Generation  
of Business Solutions  
Starts in the Middle



Dr. Boris Petkoff / AccordSystems®  
Paderbornerstr. 2, 10709 Berlin  
phone: 0049 30 89542451  
mobile: 0173 6106362  
e-mail: petkoff@t-online.de  
<http://www.accordsystems.de>