

Functional overview

Recording of the nursing process

- Planning of the nursing process on the sound scientific basis of the apenio typology.
- Complete assessment of individual care-needs.
- Automatic classification for PPR and issuing of LEP. NURSING 3.0: time-saving, objective and reliable.
- Intervention-planning supported by suggestions from the knowledge base.
- Evaluation of interventions including comparison with assessment and the continuation of care-planning.
- Care guidelines for simple rapid planning of typical nursing-trajectories: integrated standards, fully configurable.

Additional documentation

- Scales for risk-assessment, configurable (Norton-scale, Braden-scale etc.)
- Comprehensive messaging with confirmation of reading
- Protocols for vital signs and balances
- Routine administrative tasks
- Wound documentation
- Medication

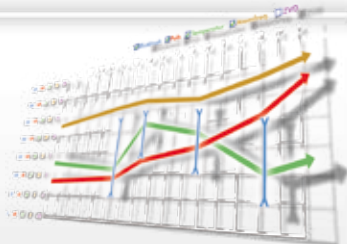
Management

- Wound management, overview of occupied beds
- Master-data including information from the hospital information system KIS (ICD 10, OPS etc.)
- Patient-overview with prompting and communicational functions
- Statistics for personnel-planning purposes
- Effective user- and access-management

Temperature curve (extra module)

Medical- and nursing-data at a glance. Zoom function for the number of displayed days of treatment. Calendar for quick navigation to specific days.

Curve graphic with vital signs such as blood pressure, pulse, temperature, breathing rate and central venous pressure. Extra display for diet, weight, access devices, wound dressing, medication.



System features

Integrated user-interface

apenio is applied completely within an internet-browser: Nursing-care planning as easy as surfing the web.



Apenio can be integrated into hospital information systems (HIS) and eHealth Record (EHR) or Electronic Patient Record (EPR)systems.

Integration with CLINIXX, FD Klinika Plus, IMEDONE, ISA, mpa, ORBIS etc. has been achieved. A white paper can be made available to system integrators.

Mobile, scalable, independent of platform

apenio has been developed for high performance and scalability using object-oriented multi-tier architecture. apenio is suitable for use in clinics of any size and for clinic groups.

Open-source saves licensing costs. apenio does not rely on expensive data-bases and application-servers. It can be used on the basis of free open-source software.



Nursing must be mobile. The use of wireless-LAN means that data can be recorded where they evolve. The interface design is ideal for the recording of data using a stylus pen and a tablet-PC or PDA.

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apenio®

"Assessment based Planning and Evaluation of Nursing Interventions and Outcome"



Nursing typology. Software.

The knowledge-based software solution for on-ward nursing process planning- and recording.

Avoidance of multiple documentation

Effective support for nursing care

Active contents – all-inclusive

Science instead of fiction.

www.apenio.de

Active contents - all inclusive

apenio offers a unique combination of software and contents (nursing care catalogues and knowledge-base) which are continuously updated, for example by adaptation to new expert standards.

The scientifically developed apenio typology describes care needs, interventions and outcomes in detail. Carers can plan and record immediately with apenio.

Adaptations to clinic catalogues are feasible. The technical, subject-specific apenio-terminology is easy to learn. Based on the newest nursing research findings, apenio is always on the cutting edge.

Effective support for carers

apenio evaluates available information and supports carers with intelligent advice. They work more effectively and improve the quality of their documentation.

Avoidance of multiple documentation

In apenio there is no multiple-documentation. Once recorded, data is used wherever needed. Example: all the assessment data referring to a wound are automatically forwarded to the wound documentation.

Wound documentation

apenio® applies data from other areas of documentation (e.g. assessment) to the case history of the wound. Digital photos can be integrated into the case-history and the wound measurements thereby determined. The description of the wound is made easy with standard formulation.



1. Assessment

apenio combines standardization with individuality. The assessment allows the complete evaluation of the patient's health condition on the basis of the comprehensive, research-based apenio typology in combination with ICD-10 and OPS. Secondary diagnoses and procedures relevant to nursing care are identified by apenio automatically and suggested for inclusion.

apenio recommends the use of specialized documentation (decubitus, pain, thrombosis etc.) on the basis of the assessment.

2. Nursing planning

apenio suggests nursing goals and the interventions in the catalogue which are required to achieve them on the basis of the assessment.

Patient-relevant interventions are chosen on the basis of these suggestions. apenio recommends the frequency, time-frame and aids for each intervention. It also determines the period of time until evaluation of each intervention.

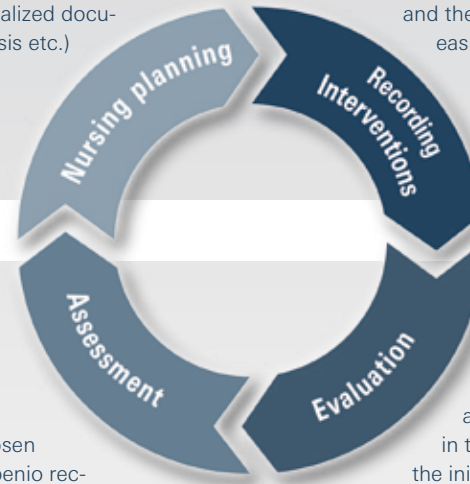
Routine actions which do not pertain directly to nursing phenomena (e.g. administrative tasks) can be added. Pre-prepared content-descriptions reduce the time required for writing records. Planning becomes easily understandable for all due to standardized formulation.

3. Recording Interventions

Mobile recording of interventions with complete functionality, e.g. ad hoc interventions, postponement to a later time or the explanation for interventions not implemented. Online-recording with hand-held hardware, e.g. ipod-touch/PDA.

Fitted to practice: the implemented interventions and the time they require are recorded quickly and easily.

The classification for PPR and the issuing of LEP NURSING 3.0 are carried out by apenio.



4. Evaluation. Analysis. Visualization.

The evaluation of outcomes is time-saving, effective and consistent – the same categories and scales as used for assessment are implemented.

apenio gives advance notice of due evaluations. Changes in the health-status of the patient are evaluated by comparing the initial situation of the patient, the goal set and the outcome achieved. Nursing planning is adapted accordingly.

The web diagram

Care becomes measurable: Visualization of the development of health-status – in the web diagram the initial assessment is directly compared with current health-status. Changes in health are recognizable at a glance.

