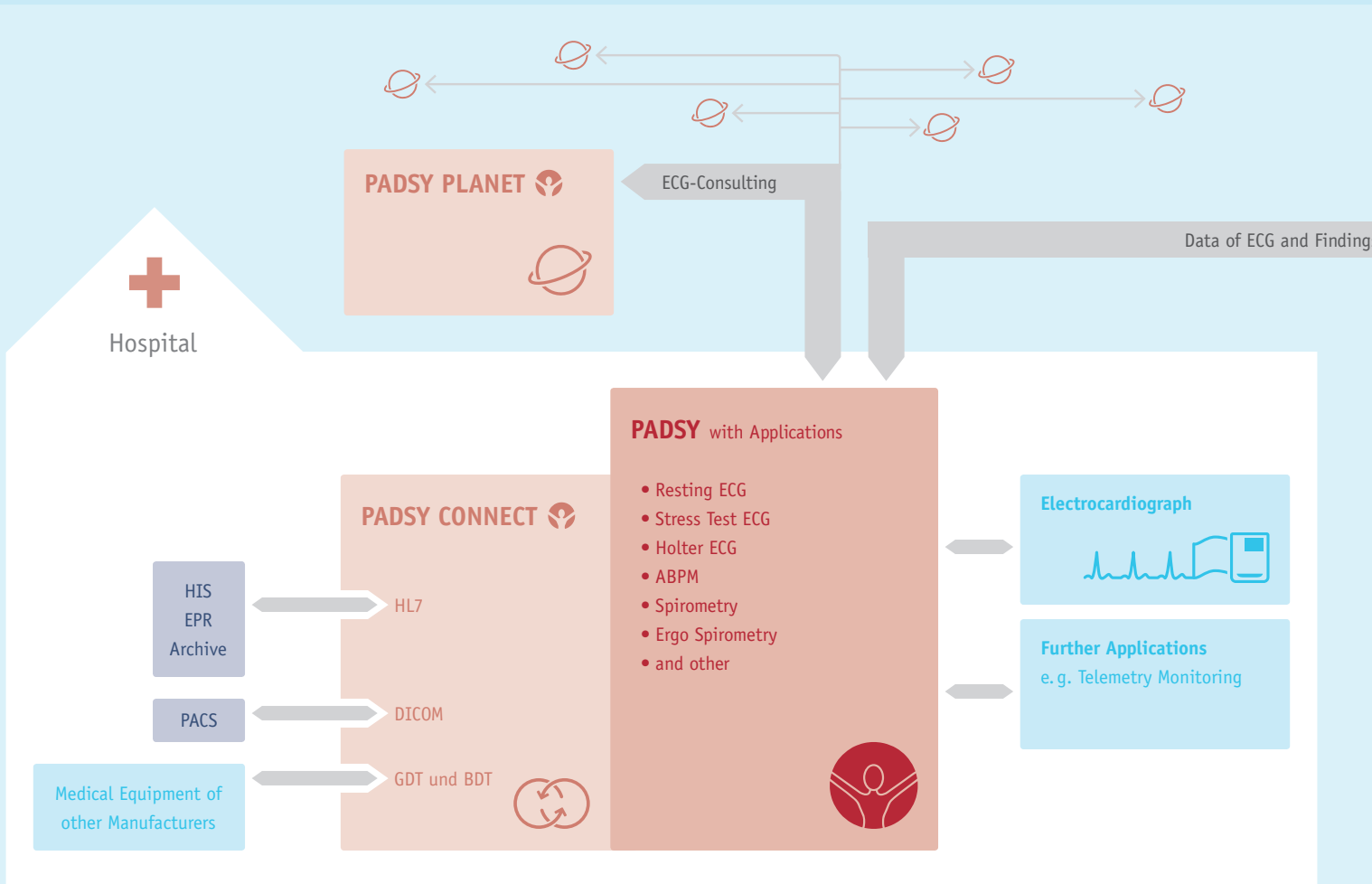


The Open and Independent ECG Management System⁺

- Integrates all key functional diagnostic procedures
- Optimal data flow between ECG terminal and HIS
- Modern paperless resting ECG or classic version with thermal paper
- Time-saving diagnostics
- Unrestricted network capability with access in a matter of seconds



PADSY ECG Management System



Data Management System for a Healthy Heart

A reliable diagnosis is essential if your patients are to receive the best possible cardiac care. To be able to assess their health status correctly and efficiently, quick access to all examination results is vital. The PADSY ECG Management System ensures that all of your functional diagnostic data are collated, analysed and assessed by a single system. You will have access to all medical data on any

computer throughout the hospital network, and at any time. PADSY not only manages PC ECG and blood pressure data, but also combines this data with the results of all other important medical examination systems in your department. Essential administrative tasks are minimized, giving you more time to devote to your patients.

ECG MANAGEMENT SYSTEM⁺

PADSY...

... safeguards your investments.

Adapt your investment to your individual requirements. Start with a simple ECG system, and build up your ECG Management System one step at a time.

... is open.

The open PADSY system is a simple solution for linking up all relevant devices and systems within your organization. The open structure makes it easier to embark on the next step of your investment programme.

... is network-ready.

PADSY offers built-in network capability as standard, at no additional cost. Our flexible licensing system gives you appropriate solutions for your workplaces, helping to optimize your organization. You can even cooperate efficiently with your medical colleagues outside the hospital, e. g. using CARDIOLIGHT PLANET – the sophisticated cooperation software for long-term ECG analysis partnerships.

... supports your workflow.

Quick and efficient work can only be achieved if all functions and resources are utilized in the best possible manner. PADSY particularly supports this process thanks to its uniform operating structure and the fact that all applications are incorporated into a single software product.

... means flexible ECG management.

If you would like to finally make the switch to modern ECG processing, but cannot yet do without conventional ECG thermal array printers, PADSY offers the perfect solution. PADSY works in harmony with all current Nihon-Kohden ECG printers, sending patient data to the electrocardiographs and taking over the registered ECGs. On request, this can of course also take place wirelessly.

... CONNECT is the missing link.

PADSY CONNECT takes care of HIS-integrated documentation and automates the flow of data to and from the HIS. Naturally, diagnostic systems of other manufacturers can also be hooked up to PADSY CONNECT.

Main Features:

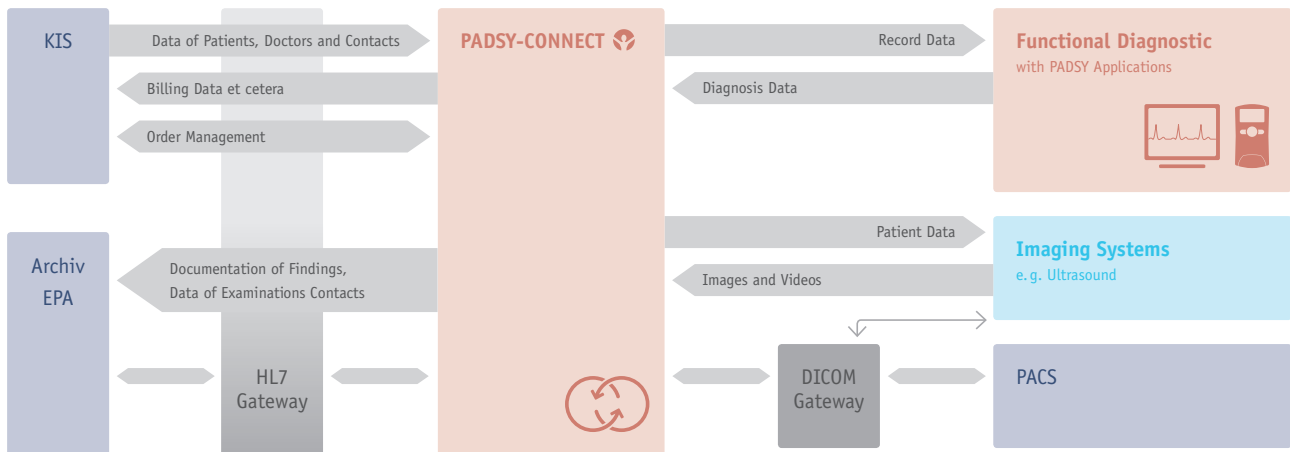
- All applications in a single system: Resting and stress test ECG, long-term ECG, longterm blood pressure, pulmonary function etc.
- Mobile ECG recording with ECG printer
- Recording, measurement, analysis and diagnosis in the network
- Establishment of long-term ECG analysis partnerships over the Internet
- Any number of network clients
- Fast access to all examination data
- Efficient user administration
- Developed in line with strict quality standards as per ISO 13485
- Open for the diagnostic systems of other manufacturers





PADSY ECG MANAGEMENT SYSTEM⁺

PADSY CONNECT is the missing link...



... for efficient connection to the HIS.

An efficient connection to your HIS is the crucial link in the integrated diagnostics chain. Just receiving the patient data, however, is not enough. It is equally important for images and examination documents to be efficiently and, as far as possible, automatically generated and incorporated into the electronic patient record without any risk of mix-ups. PADSYS CONNECT ensures that diagnostic findings in image and text form, as well as PDF examination reports, are forwarded automatically to your HIS. According to your HIS infrastructure, image- and graph-based PDF findings will also be forwarded to the PACS or archiving systems.

PADSY CONNECT achieves this using classic HL7, GDT and DICOM interfaces, though it can also use the proprietary extensions of your HIS provider. PADSYS CONNECT is kind to your budget because it links up not only PADSYS applications but also the systems of other manufacturers via GDT and connects them via a single HIS interface. Complete documentation of services by means of OPS (German operation and procedure codes) or your hospital's catalogue ensures that all the services you have provided can also be invoiced. Nothing is lost, and your initial investment outlay will have paid for itself before you know it.

Main Features

- Complete documentation of all relevant patient and examination data
- User-defined forms, templates for doctor's letters and reports
- Documentation of services in the form of tables and graphs
- Unity of image, graphs, measured data and diagnostic findings
- Intuitive diagnostic report compilation and image documentation
- Transfer of ECG, vital and image data to HIS, EPA, PACS
- Supports the HIS systems of virtually all known manufacturers

Linking different examination methods

- ECG (resting ECG, stress test ECG, long-term ECG)
- Long-term blood pressure
- Pulmonary function and ergo spirometry
- Sonography (ultrasound, echocardiography, stress echo, ...)
- EEG and EMG
- Left heart catheter examinations
- ... others upon request



designed for
PADSY

PRS 10.00.332-01

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INNOVATION IN CARDIOLOGY