

## INSONO e-Guide health care mobile information system

**INSONO e-Guide is a mobile information system for managing digital medical documentation. It is designed to support hospitals and clinics to improve treatment and business performance, INSONO e-Guide provides mobile access to patient files and results in house and over the web, thus enabling the immediate retrieval of patient information critical to timely diagnosis and treatment, anywhere.**

INSONO e-Guide integrates different data sources allowing physicians to accurately document the visit right away, easily obtain an overview of the patient's medical files and precisely record billing information through one handheld device connected to WLAN while at the patient's bedside or anywhere else.

### BETTER CARE AT LOWER COSTS

INSONO e-Guide enables the mobile visit and assists hospitals to save time with administrative tasks in order to provide better care to its patients and reduce costs.

#### INSONO E-GUIDE BENEFITS

- maximize availability of medical information
- improve the quality of the medical documentation
- minimize loss of information
- save time with less complex paper-based medical files
- cut redundant paper-work
- minimize the administrative effort
- eliminate double analyses and clinical measures
- avoid superfluous diagnosis and inadequate therapies
- speed up and simplify the billing process
- reduce costs

### FUNCTIONALITY

INSONO e-Guide assists all services, quality improvements and rationalization effects which become possible through a digitization and electronic transfer of data recording and communication processes.

The information system INSONO e-Guide allows physicians to document right away, factual and consequential every single step of the patient visit in different hospital departments. This information is any time available and retrievable for the entitled medical personnel on role-based rights.

The solution is based on the newest generation of tablet pc devices - especially designed for use in medical environment.

### KEY BENEFITS

#### Better quality of information

It has become a critical asset for hospitals' efforts to improve the quality and safety of patient care. The solution enables real time digital documentation during the visit that significantly reduces paper-based medical records, the after visit typing efforts and subsequent mistakes and loss of information that usually arise during manual transfer in electronic format.

#### Improve productivity

INSONO e-Guide facilitates the physicians' decision making at the point of care. The solution offers access to electronic medical records at the patient bedside enabling a comprehensive overview of the medical history, previous medication, lab results, wound pictures, billing information and other data. This helps to save the time with reviewing paper files which the physicians dedicate instead to patients.

#### Improve team communication

The solution allows a universal, comprehensive and up to date information processing and communication between all parties involved in the treatment process. As updates are immediately visible to all clinical personnel concerned, redundant work is eliminated and a cooperative and co-ordinated collaboration is enabled.

#### More security

Through INSONO e-Guide only the authorised users can access patient files and the paper folders are eliminated. Moreover, the data is accessible through the web interface which makes it independent on the device.

## E-GUIDE SUPPORTS

### Software

Standard server OS  
Standard server systems

### Hardware

Tablet-PC  
PDAs / Smartphones  
Standard PC  
Notebooks

## CAPTURE TECHNOLOGIES

Camera  
Hand writing & Voice recognition  
Barcode reader  
RFID reader

## ARCHITECTURAL REQUIREMENTS

Browser  
JAVA Routine Environment  
JAVA AppServer  
ORACLE/MySQL DB  
WLAN/LAN

## WHAT OUR CUSTOMERS SAY

*'INSONO is innovative and always solution-oriented.'*

U. Schultz, Manager Director  
ASKLEPIOS Schlossbergklinik Bad-König

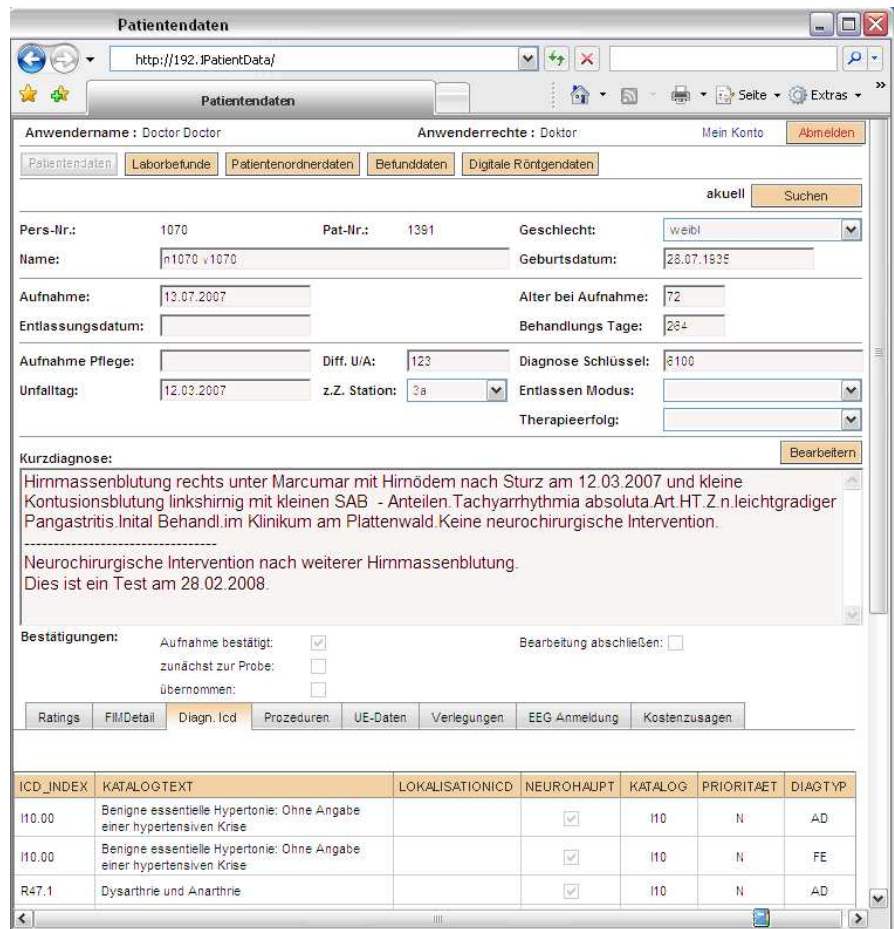
## FEATURES

### Wireless

The wireless communication over WLAN provides the necessary medium to guarantee cost savings and concurrent rise of the service quality and consequently leads to continuing costs-saving 'mobile added value services'.

### Easy exchange of information

An essential advantage of INSONO e-Guide is that the solution uses a wireless infrastructure and thereby makes it possible to connect existing heterogeneous and independent IT applications and billing components without great expenditure.



**Patientendaten**

http://192.1PatientData/

Anwendername: Doctor Doctor      Anwenderrechte: Doktor      Mein Konto      Abmelden

Patientendaten    Laborbefunde    Patientenordnerdaten    Befunddaten    Digitale Röntgendaten

aktuell    Suchen

Pers.-Nr.: 1070      Pat.-Nr.: 1391      Geschlecht: weiblich

Name: n1070 v1070      Geburtsdatum: 28.07.1935

Aufnahme: 13.07.2007      Alter bei Aufnahme: 72

Entlassungsdatum:      Behandlungs Tage: 284

Aufnahme Pflege:      Diff. U/A: 123      Diagnose Schlüssel: 8100

Unfalltag: 12.03.2007      z.Z. Station: 2a      Entlassen Modus:      Therapieerfolg:      Bearbeiten

**Kurzdiagnose:**

Hirnmassenblutung rechts unter Marcumar mit Hirnödem nach Sturz am 12.03.2007 und kleine Kontusionsblutung linkshirig mit kleinen SAB - Anteilen. Tachyarrhythmia absoluta. Art HT Z.n.leichtgradiger Pangastritis. Inital Behandl.im Klinikum am Plattenwald. Keine neurochirurgische Intervention.

Neurochirurgische Intervention nach weiterer Hirnmassenblutung.  
Dies ist ein Test am 28.02.2008.

**Bestätigungen:** Aufnahme bestätigt:       Bearbeitung abschließen:   
zunächst zur Probe:   
übernommen:

Ratings    FIMDetail    Diagn. Icd    Prozeduren    UE-Daten    Verlegungen    EEG Anmeldung    Kostenzusagen

ICD_INDEX	KATALOGTEXT	LOKALISATIONICD	NEUROHAUPT	KATALOG	PRIORITAET	DIAGTYP
I10.00	Benigne essentielle Hypertonie: Ohne Angabe einer hypertensiven Krise		<input checked="" type="checkbox"/>	I10	N	AD
I10.00	Benigne essentielle Hypertonie: Ohne Angabe einer hypertensiven Krise		<input checked="" type="checkbox"/>	I10	N	FE
R47.1	Dysarthrie und Anarthrie		<input checked="" type="checkbox"/>	I10	N	AD

The user interface provides easy access and safer handling of patient data.

### Graphical ease of use

User-friendly Web-based interface improves navigability and no application is necessary to be installed as long as a browser is provided.

### Integration

The solution easily integrates with existing hospital IT systems bringing together different databases, such as medical databases, patient files system and X-Ray server, to securely deliver patient information to mobile devices. The solution incorporates existing tools so that the acceptance among users is high.

## FOR MORE INFORMATION

About INSONO and our experience in electronic information systems, please visit [www.insono.com](http://www.insono.com)

## INSONO Consulting GmbH

Petronela Rachiteanu  
Mergenthalerallee 10-12  
D-65760 Eschborn

Phone: +49 6196 5869 219  
[petronela.rachiteanu@insono.com](mailto:petronela.rachiteanu@insono.com)