NAPIER HIS
Hospital Information System

HOSPITAL INFORMATION SYSTEM

IT as a competitive differentiator – not a cost initiative

Napier Healthcare Information System (HIS) is built using a modern tech stack, is Cloud based and mobile enabled. This helps avoid technology obsolescence while reducing the total cost of ownership. Providers can overcome their challenges, achieve operational efficiency, deliver superior patient care and generate effective clinical outcomes. Leading with innovation, the Napier HIS leverages state-of-the-art Artificial Intelligence powered by Napier's AI.

Today Napier works with leading Hospitals in Asia, Middle East and Africa. Leveraging this experience, the Napier HIS delivers a best-business practices repository allowing providers to implement world class processes out-of-the box. With a quarterly approach to feature updates and coupled with Napier's unique Voice-of-Customer tool, providers are empowered and become partners in the product journey.

KLAS®
EMR Vendor in Asia

NAPIER VOC
voice of customer

NAPIER HIS
Hospital Information System

Napier Hospital Information System (HIS) is a web-based, integrated, multi-facility, multi-lingual and scalable platform. It can be configured to meet the decision making needs of clinical, administrative, operational departments of medium to large hospitals networks. By providing all stakeholders involved in hospital operations with secure and enhanced visibility into and control over their functions, Napier's HIS enables:

- **Management** to plan and chart top-line growth more effectively
- **Financial Officers** to achieve healthier bottom lines
- **Administrators** to manage resources and staff with greater efficiency
- **Integration** with other clinical and ancillary solutions through a standards based approach to connectivity
- **Clinical stakeholders** deliver superior patient care and reduce errors

The Three Pillars To Achieve Operational Excellence

Regulatory / Security Standard Compliance

- Adherence to ICD-10 Coding
- MIMS configuration for pharmacy
- E&M based billing standards
- Local regulatory compliances
- International accreditation
- DICOM Imaging Standards
- Integration with 3rd party systems using HL7, ASTM, TCP/IP, JSON, XML, SOAP and REST protocols
- ISO 27001:2013 for Information Security, ISO 27018:2019 for Cloud security and ISO 13485:2016

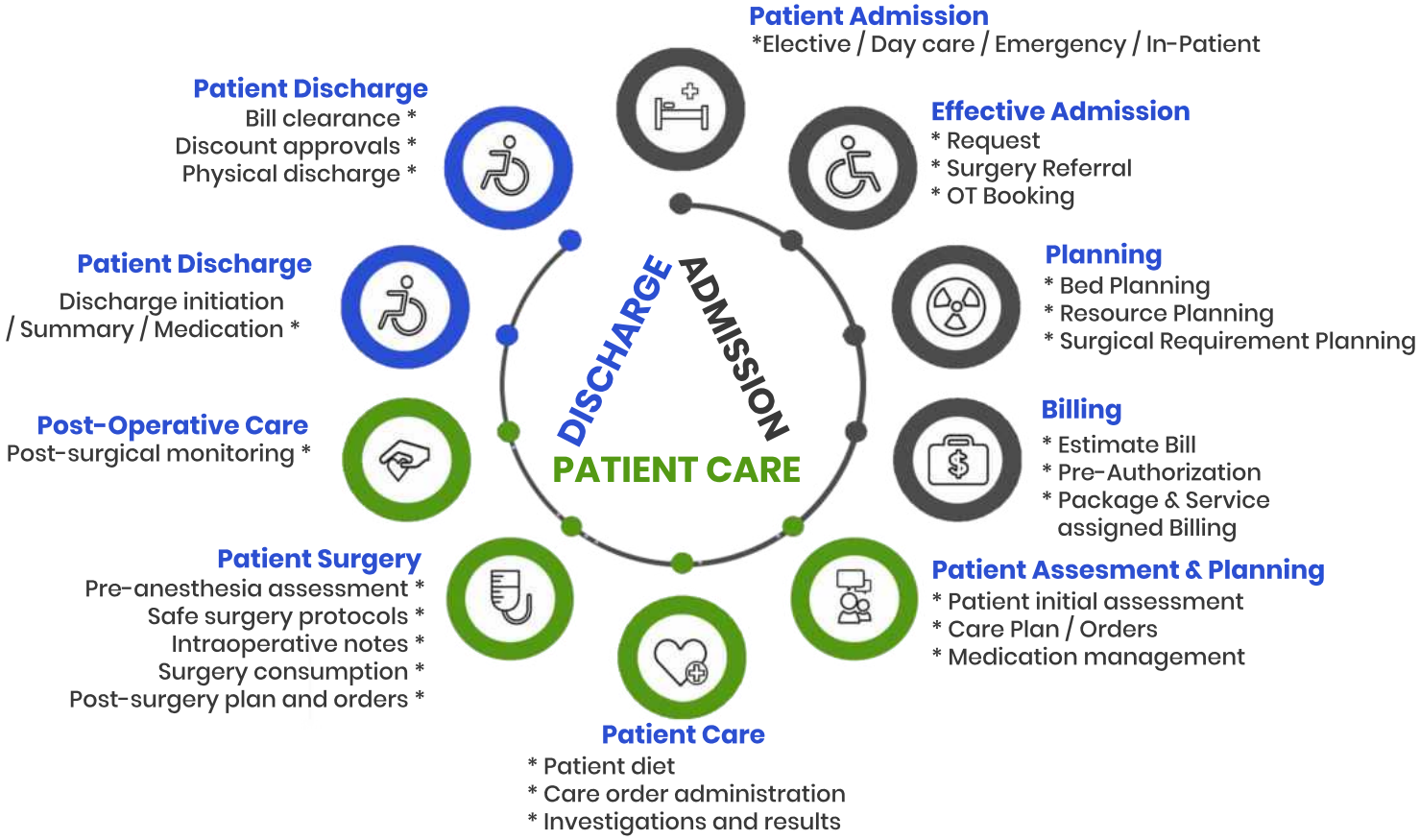
Operational Management

- JIT approach to inventory management
- Configurable & extensible Billing engine
- Vendor management for achieving cost excellence
- Robust appointment and OT booking system
- Tracking Patient journey end-to-end
- Enhanced Care Coordination
- Authorization flow

Solution Configuration

- Configurable report builder
- Provision for RFID configuration
- Configurable patient care forms
- Medication reconciliation
- Tapering drug order
- Recurring investigation order
- Critical result mapping
- Care plans
- Billing approval configuration
- Barcoding system for materials, medication and laboratory samples

Seamless Patient Journey Enhances Patient Satisfaction Scores



End-to-end Process Management Drives Operational Excellence

Administrative Management	Clinical Management	Material Management	Revenue Management
› Registration and scheduling › Admission, Discharge, Transfer (ADT) › Medical records › User access rights and control › Support services (ambulance management, diet and kitchen, CSSD, linen and laundry, housekeeping)	› Doctor workbench › Nursing station › OP triage › Emergency management › Operation theatre › Laboratory › Radiology › Blood Bank › Pharmacy prescription handling › AI and chatbot	› Purchase › Inventory management › Pharmacy inventory › Material kits mapping › Bio medical asset management › Predictive analysis	› OP visit management › Contract management › Account receivables › Configurable OP and IP billing › Doctor's accounting › Business Intelligence/ Analytics

The Complete Patient-Centered Solution For Hospital Management

Decision Maker
Tools for enhanced planning & informed decision making through real time reports.

Finance Management
Better revenue management. Improved financial planning using Business Intelligence tools to optimise cost and reduce pilferages.

Nursing Staff
Deliver efficient and quality care to patient. Minimize errors and maximize face time with patient while improving Nursing productivity.

Doctors
Doctor's workbench is high on usability, aids decision making and reduces error in clinical practices resulting in improved and inspired care.

Operation Staff
Increases user control and transparency, aiding efficient monitoring and timely intervention for optimal functioning in hospital.

Patient
Reduced waiting times, increased face time with doctors. Improved quality of care and patient experience

Napier AI in Revolutionizing Healthcare Operation

> "ARTIFICIAL INTELLIGENCE USE CASES:
> NAPIER ASSISTANT FOR NURSE PRODUCTIVITY, IEMR - VOICE DRIVEN INPUT FOR DOCTORS, PNEUMONIA DETECTION, PATIENT LENGTH OF STAY PREDICTOR AND MANY MORE"

Napier AI Inside

Android iOS Napier AI inside supported on iOS & Android platforms

Today leading hospitals use AI for providing insights to decision makers. Whilst AI can never substitute human beings in decision making, they serve as useful tools that provide data driven insights to the line managers.

The Covid-19 pandemic has accelerated the AI adoption in healthcare industry. Doctors are embracing the potential of AI in making their job more effective and to dramatically shorten the triage cycle. AI solutions can help accelerate the detection of health conditions and with higher precision conditions such as Pneumonia, Atelectasis, Cardiomegaly and many more can be screened in short periods of time. Contact us today to find out more about how your business can get smarter with AI.

NAPIER Assistant A smart voice controlled chatbot that empowers Nursing staff to focus on providing better patient engagement and improved care. Using Voice interaction to access and update patient interactions improves productivity up to 25%.

iEMR A productivity booster - Napier's pioneering technology that combines speech recognition with artificial intelligence. Enables clinical staff to use natural conversations to auto-fill EMR and medical records.

OUR STORY

NAPIER Healthcare

Headquartered in Singapore, Napier Healthcare Solutions is a specialist global technology vendor for healthcare providers. Since 1996, the Company has been enabling medium to large, private an public sector hospitals and hospital networks across the globe to capture and work with clinical information, streamline workflows, reduce medical errors, drive cost efficiency and maximize profitability.

Napier Healthcare's expanded portfolio today covers the information needs of acute care providers and operators of long-term care facilities, such as hospices and nursing homes, as well as specific healthcare IT needs in other industries such as aviation and maritime. To find out how Napier Healthcare can help your organization to derive top dollar returns on IT investments, make your way to www.napierhealthcare.com today.

Other Napier Solutions:

NAPIER iLTC Intermediate and Long Term Care | NAPIER VIRTUAL CARE | NAPIER | RMS Regulatory Medical System | NAPIER CMS Clinic Management System

FROST & SULLIVAN

Ageing Asia Eldercare Innovation Awards Finalist 2014 - 2017
Frost & Sullivan Best Healthcare IT Company of the year (Singapore) 2015 & 2016
Frost & Sullivan HIS Company for the Year 2009 & 2010
IBM Beacon: Best Industry Solution for Healthcare
KLAS Global EMR Industry Solution for Healthcare
KLAS Global EMR Market Share Report 2016, 2017 & 2019
KLAS Global Population Health Report 2016

ISO 9001:2015 | ISO 27001:2013 | EN ISO 13485:2012 | EN ISO 13485:2016

IBM Beacon Award for 2011 Best Industry Solution for Healthcare

5 ELDERCARE INNOVATION AWARDS 2017

KLAS

NAPIER Healthcare

Global Corporate Office:
Napier Healthcare Solutions Pte. Ltd
100 Pasir Panjang Road, #04-03
Singapore 118518
Tel : +65 6222 4505
Fax : +65 6222 4502

info@napierhealthcare.com
napierhealthcare
@NapierHealthcareSolutions
@napierhealthit
Napier Healthcare

www.napierhealtcare.com

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