enterprise wide healthcare management software
Introduction:
Precept Systems specialise in providing advanced integrated software solutions to the Healthcare sector. Precept Systems are designed to enable the health community provide a more efficient, consistent and cost effective quality of care. Precept Systems deliver a unique integrated approach by successfully matching available staff and equipment resources, to patient care needs. This provides for effective care-tracking and allows audits and assessments to be meaningfully applied to the care planning process.

Precept Systems are based on the POETIC™ healthcare events model (Patient Outcome Enhancement Through Integrated Care). While the optimum patient outcome is always the primary objective, this needs to be built on rigorous cost, funding and resource control. The Poetic Clinical and Administrative Information Repository integrates all Precept Systems individual products into one coherent enterprise view.

Key Features:
- Full patient cardiology profiling
- Patient case management
- Patient Appointment management
- Clinic set-up and management
- Cardiology Test profiling and outcome recording
- Cardiology Care tracking
- Clinical Audit
- In-built AD-Hoc Query Tool

This module brings together the appointment scheduling, case management, clinic resource management and staff rostering modules into a full Mental Health Case Management tool.

Key Features:
- Full Microsoft Office Integration
- Statutory requirements management
- MOH reporting
- Client outcome tracking
- In-built AD-Hoc Query Tool

This is the generic Clinic Set-up, Staffing and Appointment Manager. The system is driven by metadata allowing you to easily configure new clinics for new services.

The system is currently being extended to cover the allied health areas of Speech Therapy, Occupational Therapy, Physiotherapy, Nutrition, School Dental, Pediatrics and Social Work.

Like all modules these will seamlessly extend the Poetic Data Repository with further care data, giving a true multi-disciplinary picture of the episode of care.

At the close of an episode of care is the transfer of the patient to another agency or back to the referrer.

Patient Discharge Summaries are available by speciality over the intranet/Internet, allowing on-line access for appropriate clinicians.
7 Nightingale™ In-Patient Care

Caring for patients in an in-patient setting, this module tracks Nursing Care, Bed Management, Nutrition, Care Plans, Patient Outcomes and variances.

The system integrates into outpatients, theatres and all supporting staff management modules for a complete episode or care manager.

All relevant information is available within the Nursing Workstation.

Key Features:
- Patient Dependency
- Nursing Interventions capture
- Care Plans
- Incidents Reporting
- Casemix Extract
- Patient Clinical Profiling
- Clinical Notes
- Discharge Planning
- Bed Management
- Nutrition Management
- Patient Enquiries & Condition Reporting

In-Built AD-Hoc Query Tool
- Integrated “alerts” engine
- In-Built AD-Hoc Query Tool
- Full ANZICS dataset captured.
- Easy to use, highly functional interface
- Integrates into MS Word, Excel, Outlook and Access
- Extensible Patient Profiling and Physiology data capture
- Configurable unit and event selection
- Respiratory therapies tracking
- Staff Rosters and skills management available
- Ad-Hoc queries can be performed
- Full reporting suite in-built
- Clinical audit tool
- In-Built AD-Hoc Query Tool

7 Nightingale In-Patient Care

8 Precept District Nursing & Home Care Systems

Branded as Nightingale™ District Nursing & Home Care, this product is available in two modules allowing for clinical and non-clinical management within the patients or clients home.

At the start of the Patient clinical process, initiating an episode of care, is an intranet based Patient Referrals subsystem that captures all relevant data concerning the patient. This data is captured once - and allows full event tracking and referral management to flow from this one source.

Key Features:
- Electronic patient referral through intranet
- Full clinical case management
- Contract and funder management
- Care Plans, care and outcome tracking
- Case review plans and schedules
- Home and clinic based care scheduling and appointment control
- Patient contact management
- Staff Rostering, availability and staff skills profiling
- Staff Assignment, system prompted optimal assignment
- Client appointments for staff sick or on-leave
- Transferred to re-assignment engine
- Clinic set-up and management
- Prescription management
- Inventory control and product delivery scheduling
- Assessment visit recording
- Electronic Discharge summary
- Track clinicians, next of kin and other interested parties in any case
- Funder or Client Invoicing
- Integrates into MS Word, Excel, Outlook and Access
- Integrated “alerts” engine
- In-Built AD-Hoc Query Tool

8 Precept District Nursing & Home Care Systems

9 Precept ICU Manager

The product is designed to facilitate ICU management and patient care. It allows patients to be extensively profiled on admission, including full clinical profile. The actual process of patient care is then tracked with a full physiology profile and time on respiratory devices being monitored and recorded.

Staff can be allocated to patients, clinical notes entered and clinical interventions tracked.

Finally, the patient discharge is prepared and the care episode closed.

See ICU documentation.

Key Features:
- Full ANZICS dataset captured.
- Easy to use, highly functional interface
- Integrates into MS Word, Excel, Outlook and Access
- Extensible Patient Profiling and Physiology data capture
- Configurable unit and event specification
- Respiratory therapies tracking
- Staff Rosters and skills management available
- Ad-Hoc queries can be performed
- Full reporting suite in-built
- Clinical audit tool
- In-Built AD-Hoc Query Tool

Precept Systems Technology

Precept Systems is a Microsoft Certified Partner and uses and recommends Microsoft Technologies including MS SQL Server, MS Visual Studio (6 & .Net) and Microsoft desktop products.

Precept Systems is committed to the Microsoft .Net framework. All our technologies are available in rich client or web page formats as appropriate to the environment. All Precept Systems software will be available as web services within the .Net framework.

Integration:

All Precept Systems are built on open scalable, architecture and can easily integrate with all existing legacy systems in your business to ensure a cost effective solution. Precept Systems are database independent and can run on any SQL compatible platform.

Support:

Precept Systems specialise in Healthcare software ranging from a large District Health Board to a small homecare provider and our systems have been proven in live nationwide installations. As we deal in critical care (such as ICU and Theatre Management) we provide around the clock technical support service. Each customer is assigned to particular members of our support team to ensure consistency of service and support, and they are available 24 hours a day, 365 days of the year.

Future-Proofed

All Precept Systems products have a product roadmap and are future proofed. This means our customers can rest assured that the systems they invest in today, will suit the needs of tomorrow. We guarantee new version upgrades and advanced functionality.

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1. Precept Staff Rosters & Staff Skills Profiling

This product is the cornerstone in our Clinical Enterprise Management suite. All staff availability, duties, skills and certifications, along with actual worked shifts and times are captured and integrated into appointment management, facility scheduling, funder invoicing, payroll and all care tracking systems.

The basis of both Clinical best practice and effective cost identification is an integrated Staff Rostering and Deployment system. This is where staff rosters and skills are part of integrated patient care and clinical outcomes. (This can also be seen from our clinical intervention tracking.)

Key Features:
- Configurable organisational structure
- Rosters RMO’s, staff, clients (respite care) by ward/unit, teams, area and location
- Electronic timesheet integration
- Full staff profiling and contact details
- Budgets
- Bureau (contract) staff management, Cost Control
- Ward Diary Management
- Preferential or mandated roster
- Integration into scheduling tools
- Roster Analysis
- Workforce forecasting
- In-Built AD-Hoc Query Tool
- Crystal Reports

2. Precept Inventory and Asset Management System

As the second building block of delivering optimum care, the definition, scheduling and tracking of products and assets is managed to ensure that the right products is available as required.

Key Features:
- Product Loan or Hire Management
- Product Supply on Prescription
- Product Costs
- Product Appointments scheduling
- Product Commissioning and Downtime
- Product Supplier Management
- Facility Set-Up lists
- In-Built AD-Hoc Query Tool
- Crystal Reports

3. Precept Patient Referrals

At the start of the Patient clinical process, initiating an episode of care, is an intranet based Patient Referrals subsystem that captures all relevant data concerning the case. This data is captured once - and allows full event tracking and referral management to flow from this one source.

Key Features Include:
- Meta Data Driven Referral Form Design (User definable)
- Secure patient enquiry
- Referral History View
- Other Active Services View (secure)
- Integration into NH or external PMS
- Full referral tracking
- Document control and initiation
- Alerts and Warnings subsystem
- In-Built AD-Hoc Query Tool

4. Precept Patient Admission, Transfer & Discharge

On acceptance of a referral or on acute admission, comes the necessary administrative and clinical functions to capture and profile key patient data.

This module captures demographic, statistical and profiling data for any patient.

Key Features Include:
- Full demographic, ethnic and statistical profiling
- Clinical profiling
- ICD10 and DRG coding
- Alerts and Warnings
- Document Control and Tracking
- Full Episode of Care tracking
- Cost Tracking
- Full relevant Clinician tracking
- Other episode view
- Prescriptions, Medications and Treatments Management
- In-Built AD-Hoc Query Tool

5. Precept Theatre Management

The system provides a comprehensive integrated Theatre or Clinic Scheduling module that incorporates the ease of use of Microsoft Outlook with a full theatre set-up, scheduling, resourcing and patient management system.

The system includes the ability to capture key theatre clinical audit data.

Key Features:
- Microsoft Outlook Look, Feel and Integration
- Integrated facility, product and staff scheduling
- Full Theatre Set-Up lists By Clinician
- Product and Asset Management and Scheduling
- Clinical Audit
- Budgets
- Integrated Staff Rostering and Planning
- Reporting and Notifications
- In-Built AD-Hoc Query Tool

6. Precept Ward Manager System

Branded as Nightingale’s Ward Manager This module is the core system for managing, profiling and resourcing the ward. Built around an Integrated Staff Skills profiling, Staff Rosters, Patient Acuity, Care Plan and incident reporting system, this module delivers key management data to the Charge Nurse or her/his Managers. Benchmark and compare like with like, use the planning and forecasting tools to forecast staffing requirements, track bureau or contract usage, identify key bottlenecks and resource loss.

Key Features:
- Ward Configuration Management
- Electronic Patient Whiteboard
- Required Staff Planner & Forecasting
- Shift Management
- Staff Skill Mix Management
- Theatre Lists
- Alerts & Diaries
- Discharge Planning
- Bed Management
- Nutrition Management

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