

HOSPITAL MANAGEMENT SYSTEM

Empowering Healthcare
with Smart Digital Solutions

INTRODUCTION

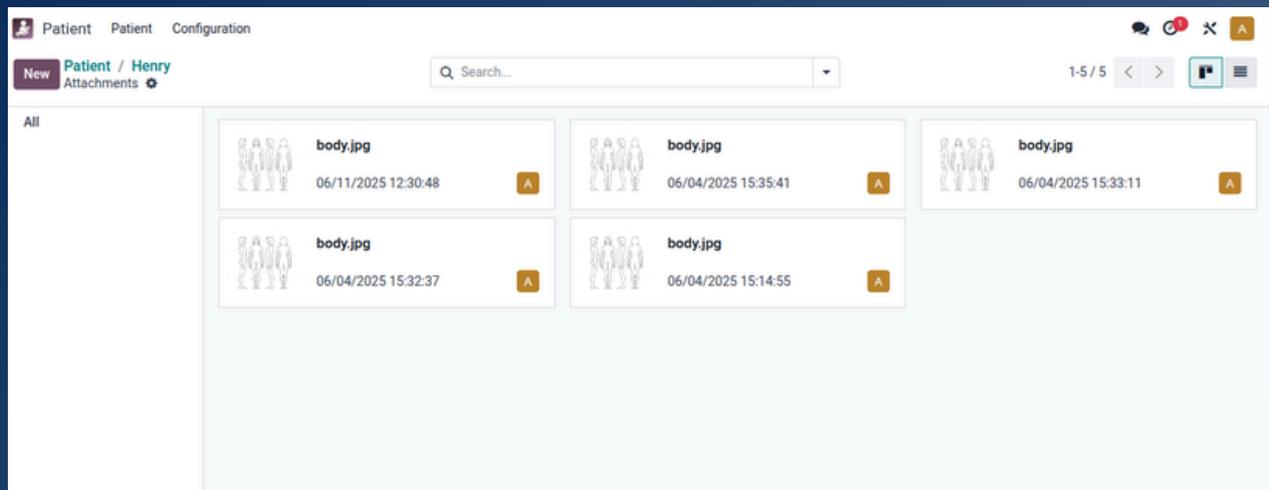
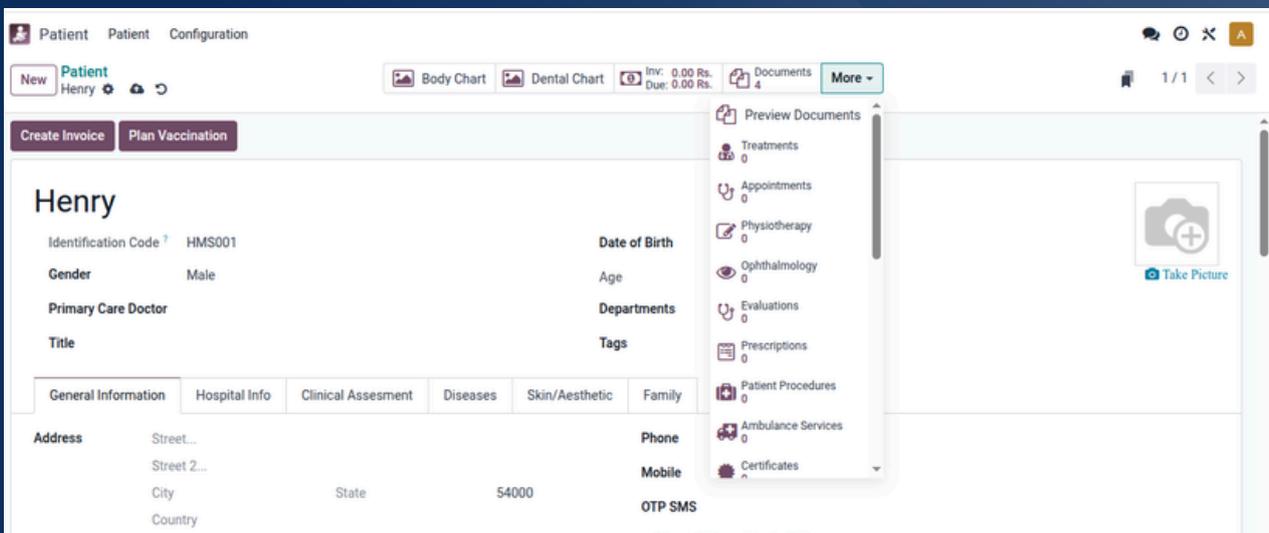
CODCrafters proudly presents an all-in-one Hospital Management System built on Odoo – a modular, scalable, and customizable solution tailored for clinics, hospitals, and healthcare institutions globally. Our system streamlines medical, administrative, and financial operations with maximum efficiency.



CORE MODULES & FEATURES

1. PATIENT MANAGEMENT

The CODCrafters Hospital Management System (HMS) ensures efficient patient registration, comprehensive record-keeping, and personalized treatment plans—all while maintaining data accuracy and accessibility.



END-TO-END PATIENT MANAGEMENT

Structured Patient Profiles

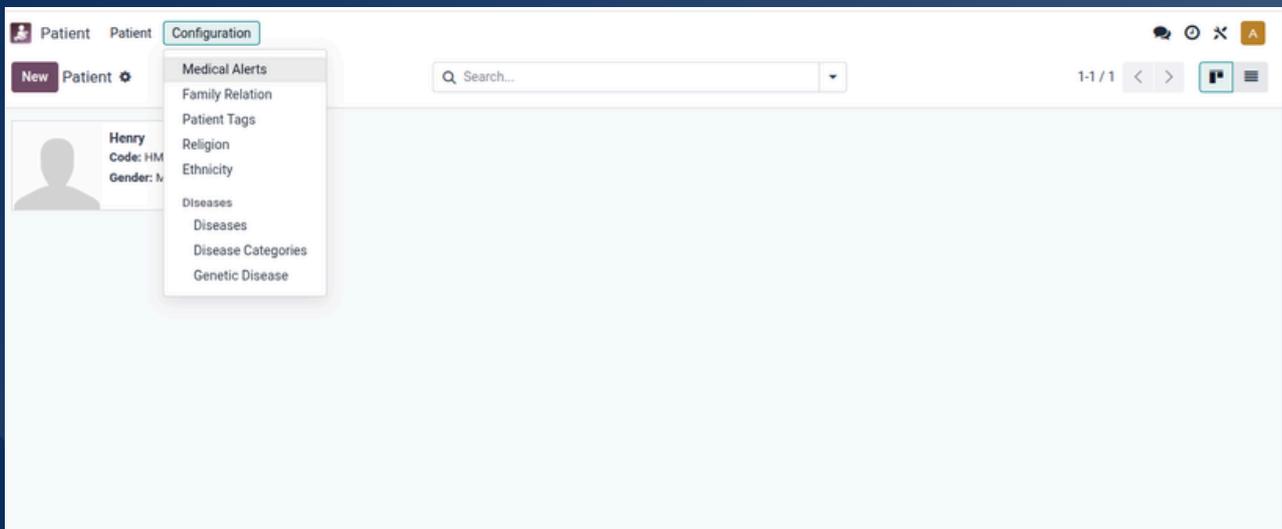
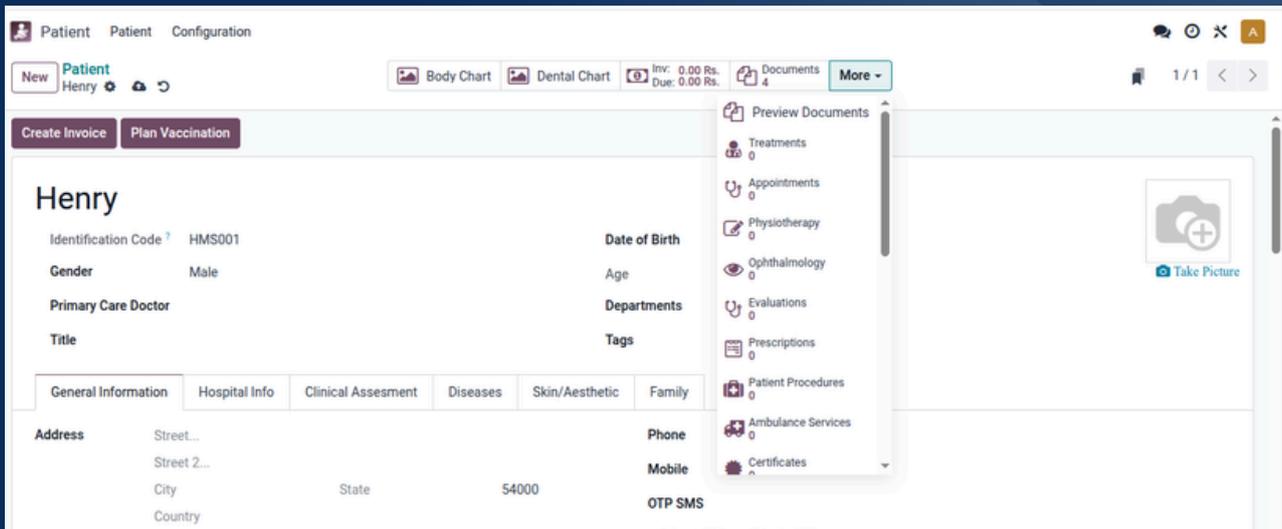
HMS captures critical patient details (e.g., identification code, gender, contact information) in a structured format for quick retrieval.

Demographic & Hospital Information

Fields such as address, phone number, and hospital-related data ensure seamless communication and location tracking.

Medical Alerts & Tags

The system allows categorization via patient tags, medical alerts, and disease tracking, enhancing clinical decision-making.



PERSONALIZED CARE WITH INTEGRATED RECORDS

Unified Clinical Assessment

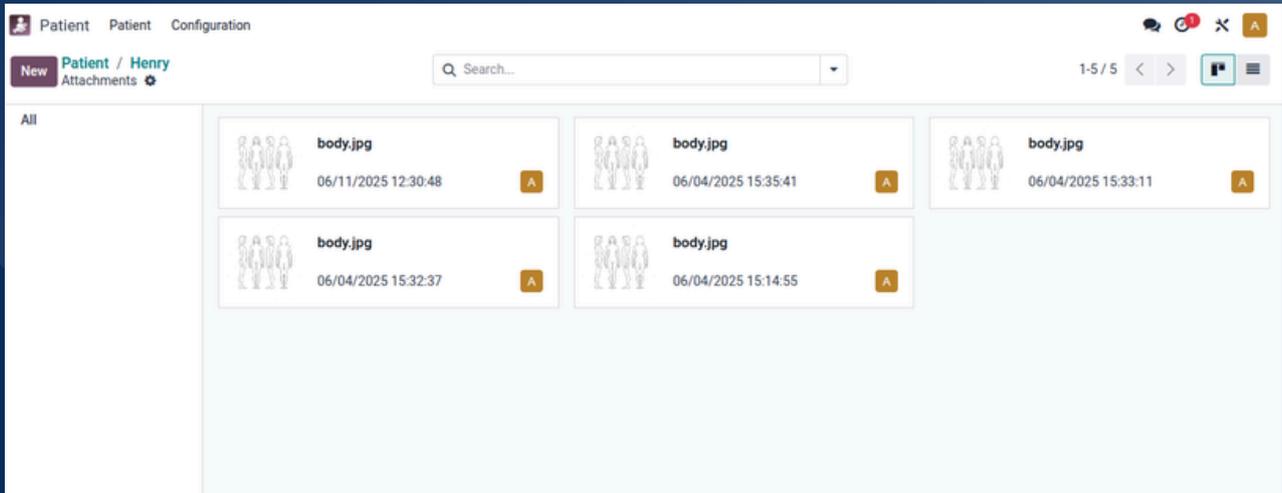
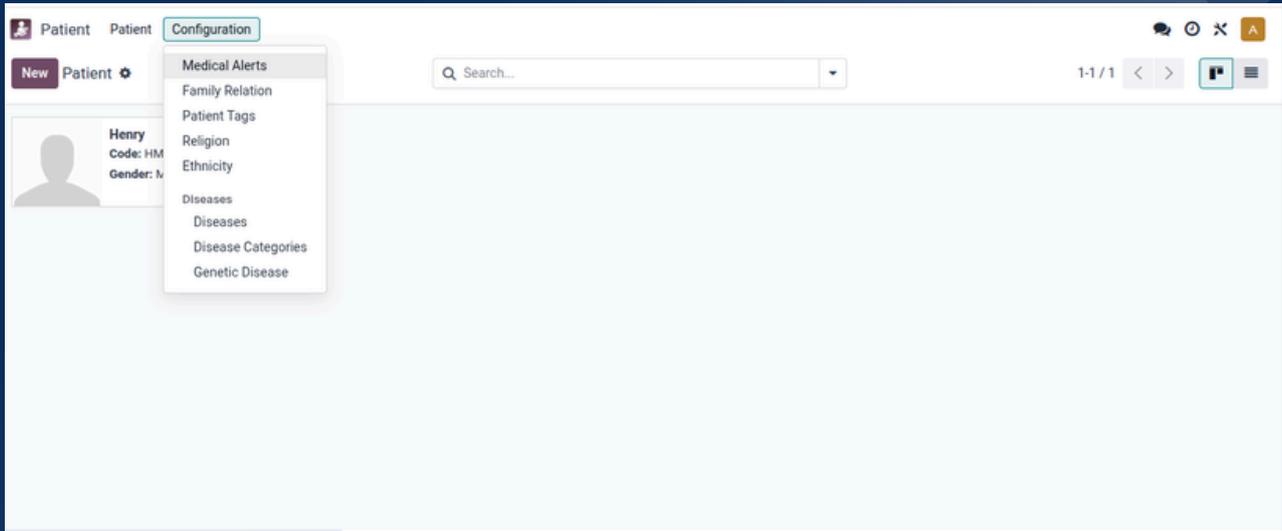
The "Clinical Assessment" and "Diseases" tabs (visible in the first screenshot) enable healthcare providers to maintain a holistic view of patient health, from diagnoses to treatment history.

Specialized Tracking

Modules like "Skin/Aesthetic" and "Family" support specialty-specific care, ensuring tailored treatment plans.

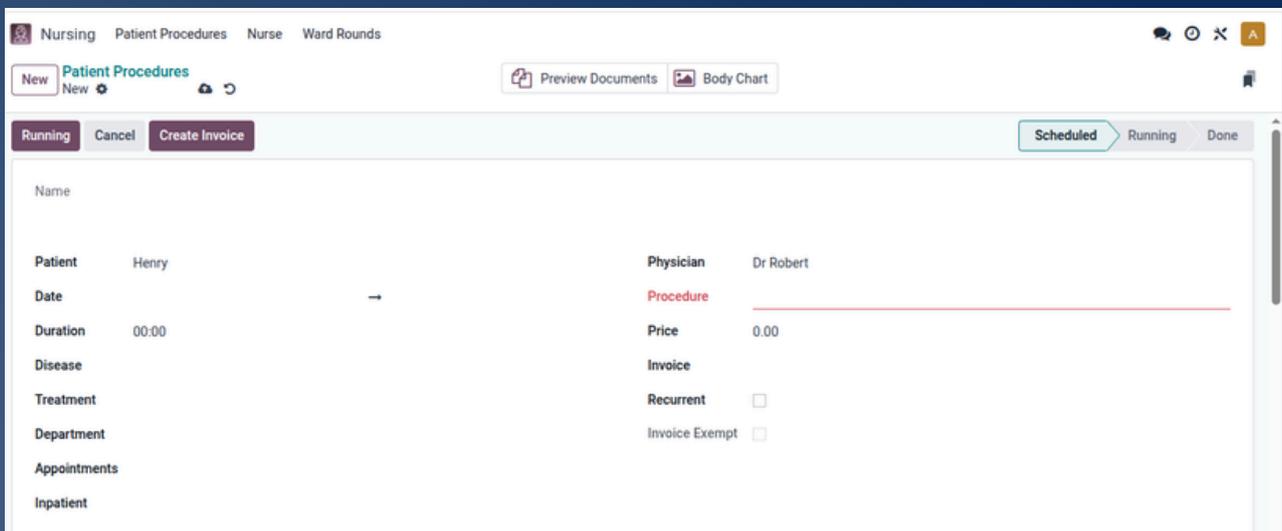
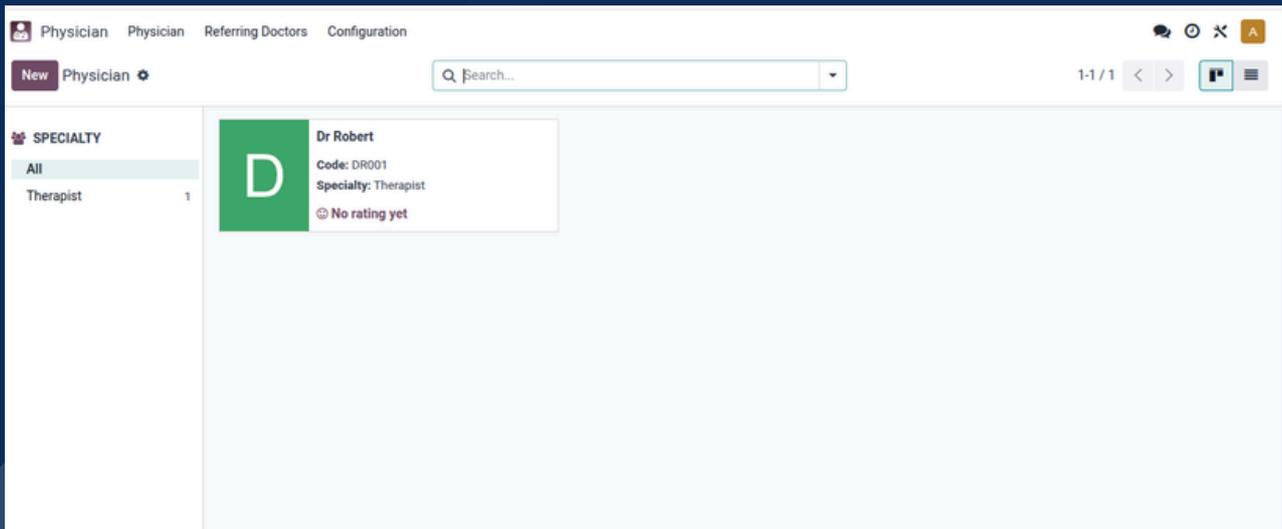
Search & Filter Capabilities

The "Search" functionality (seen in the second screenshot) allows instant access to patient records, improving efficiency during consultations.



2. PHYSICIAN & NURSING MANAGEMENT

The CODCrafters HMS provides comprehensive tools for physician management and nursing operations, ensuring seamless coordination between medical teams while maintaining accurate patient care documentation.



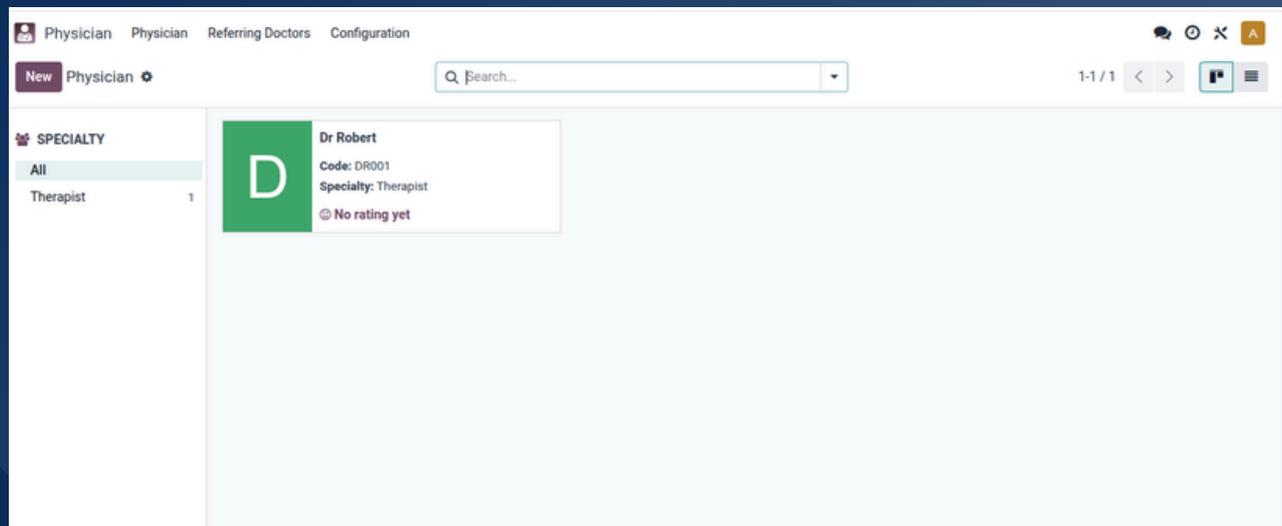
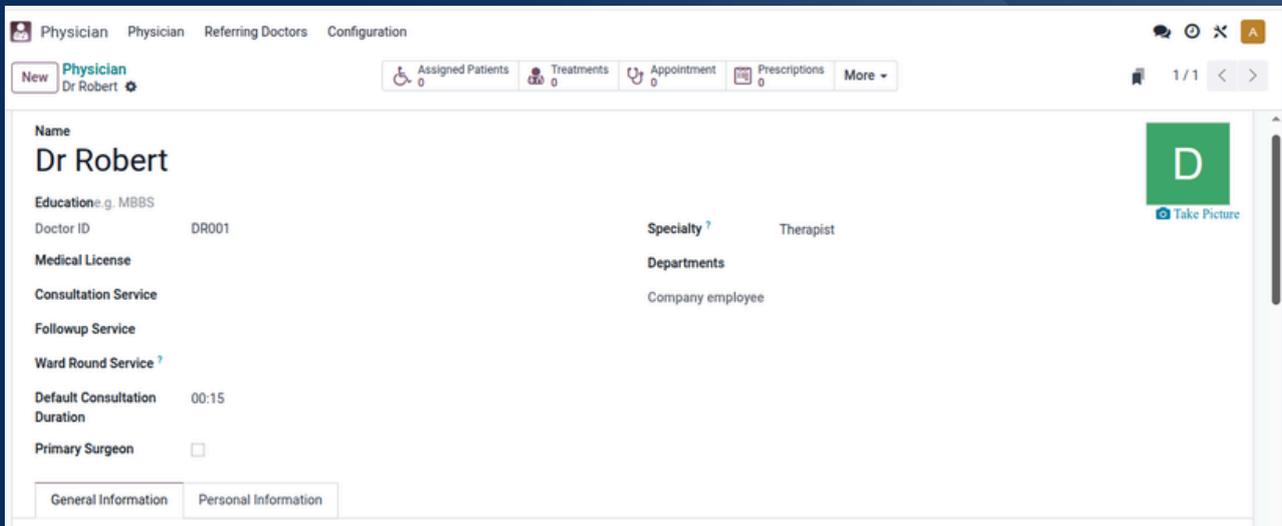
PHYSICIAN PROFILE MANAGEMENT

Detailed Professional Records

- Track education (MBBS), license info, doctor ID (DR001), and specialties (Therapist).
- Configure consultation durations, follow-up services, and department assignments.

Specialty-Based Filtering

Quickly locate physicians by specialty for optimized patient referrals.



NURSING PROCEDURE TRACKING

Patient-Centric Task Management

- Log procedures with patient name (Henry), duration, disease, and treatment details.
- Categorize tasks by status (Scheduled, Running, Done) for real-time progress tracking.

Clinical Documentation

- Attach body charts and review documents directly within the system.
- Monitor inpatient status and appointments for coordinated care.

Nursing Patient Procedures Nurse Ward Rounds

New Patient Procedures

Preview Documents Body Chart

Running Cancel Create Invoice

Scheduled Running Done

Name

Patient Henry Physician Dr Robert

Date Procedure

Duration 00:00 Price 0.00

Disease Invoice

Treatment Recurrent

Department Invoice Exempt

Appointments

Inpatient

Nursing Patient Procedures Nurse Ward Rounds

New Patient Procedures

Not Done Search...

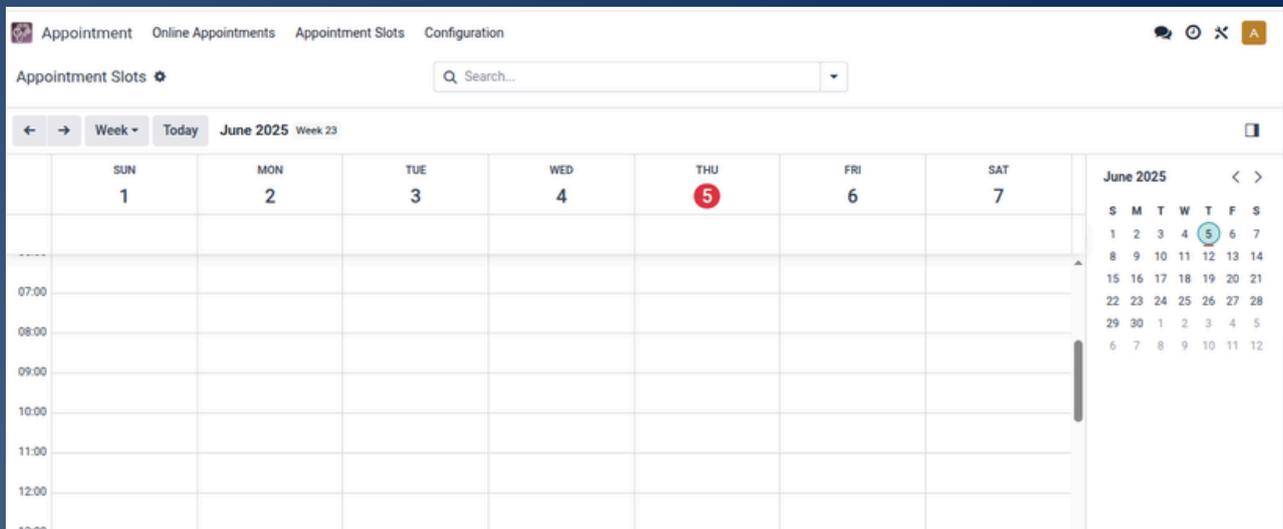
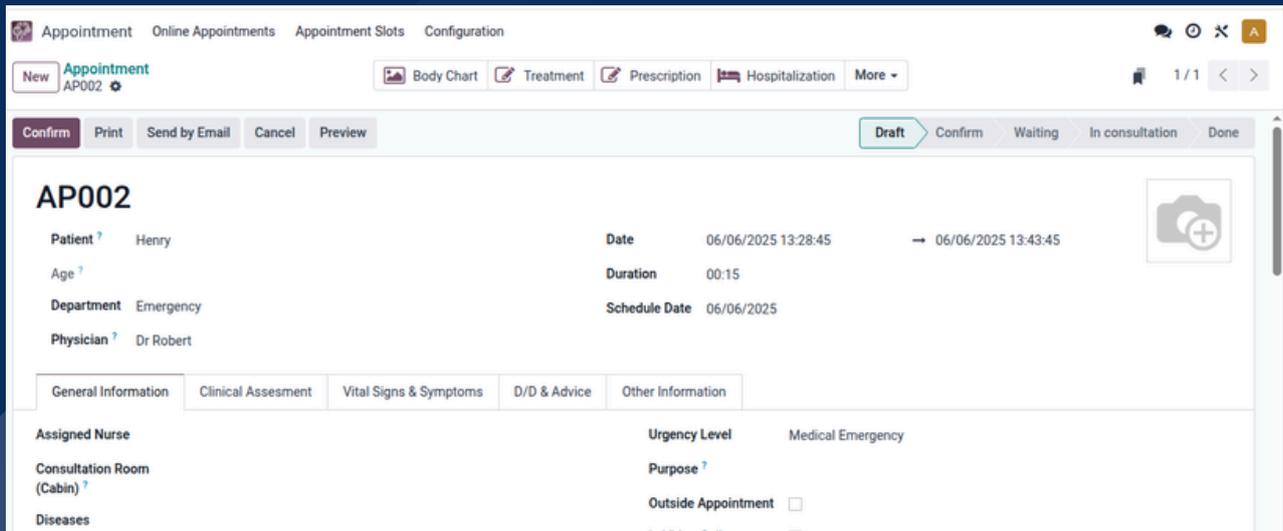
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Name	Patient	Procedure	Tooths	Surface	Price	Physician	Department	Date	End Date	Status	Invoice
DP001	Henry	Care By Dr			1.00	Dr Robert				Scheduled	

1.00

3. APPOINTMENT MANAGEMENT

Our Appointment Management system provides end-to-end control over scheduling with smart features that reduce administrative burden while improving patient experience.



COMPREHENSIVE APPOINTMENT DETAILS

Patient-Physician Matching

Clear assignment of patient to physician with department visibility.

Smart Time & Priority Management

- Standardized appointment durations with intelligent calendar tracking
- Built-in urgency level classification system

This screenshot shows the 'Appointment' form for AP002. The patient is Henry, aged 7, in the Emergency department, assigned to Dr. Robert. The appointment is scheduled for 06/06/2025 at 13:28:45, with a duration of 00:15. The form includes tabs for 'General Information', 'Clinical Assessment', 'Vital Signs & Symptoms', 'D/D & Advice', and 'Other Information'. The 'Assigned Nurse' field is empty, and the 'Urgency Level' is set to 'Medical Emergency'. There are also fields for 'Consultation Room (Cabin)', 'Diseases', 'Purpose', and 'Outside Appointment'.

This screenshot shows the lower portion of the appointment form. It includes fields for 'Treatment', 'Patient Wish', 'Subscription', 'Referring Physician', 'Feedback Survey Invite', 'Survey Status', 'Invoice Exempt', 'Insurance Policy', 'Insurance Company', 'Claim', 'Refer Reason', and 'Booked Online'. The 'Consultation Type' is 'Consultation', 'Consultation Service' is 'Consultation Service', and 'Responsible' is empty. The 'Booked Online' checkbox is currently unchecked.

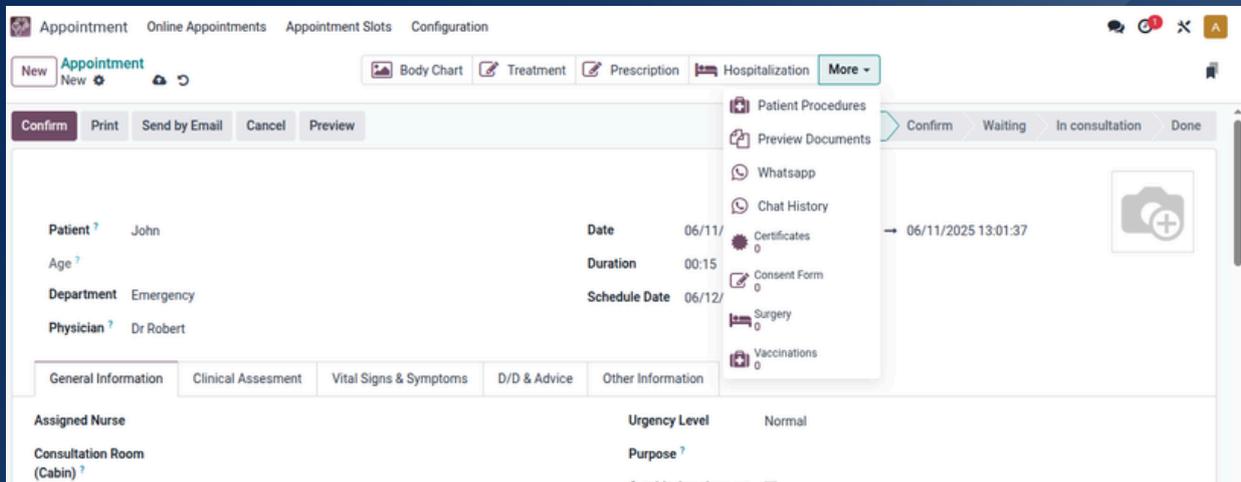
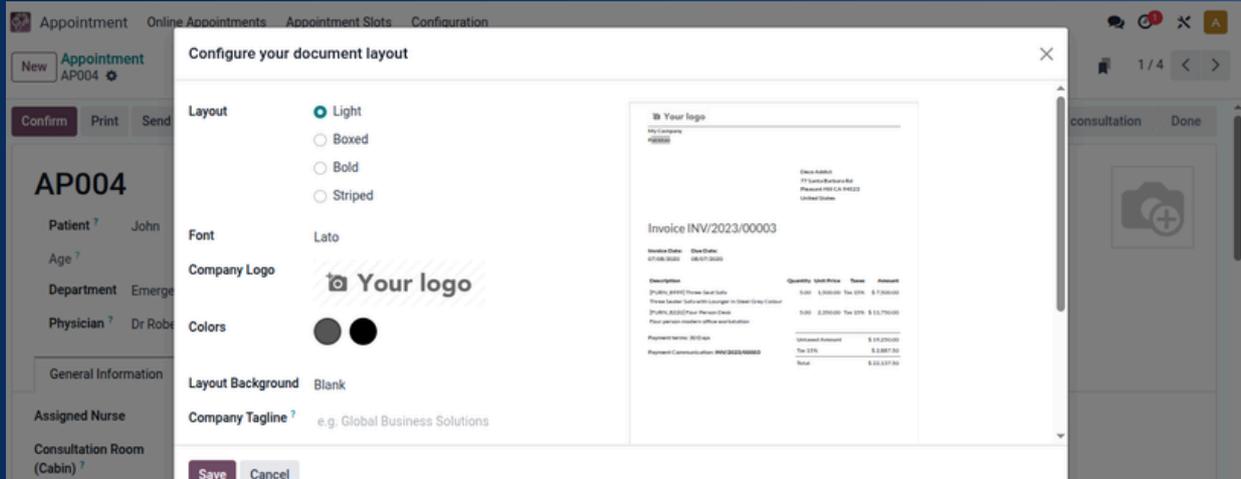
BILLING & OPERATIONAL EFFICIENCY

Automated Invoicing

Link procedures to billing systems with price tracking and exemption flags.

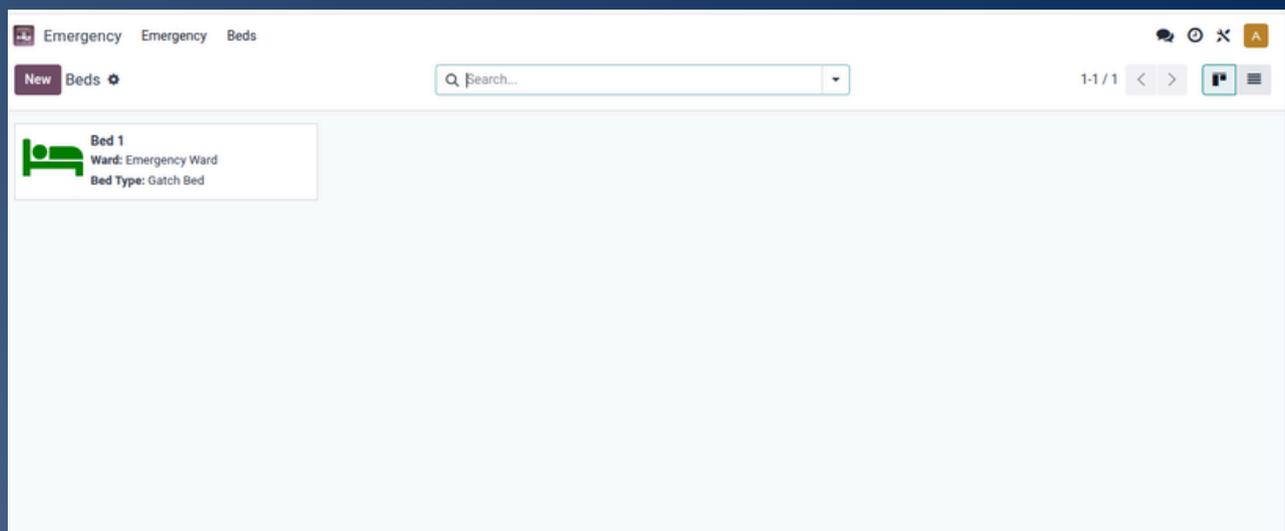
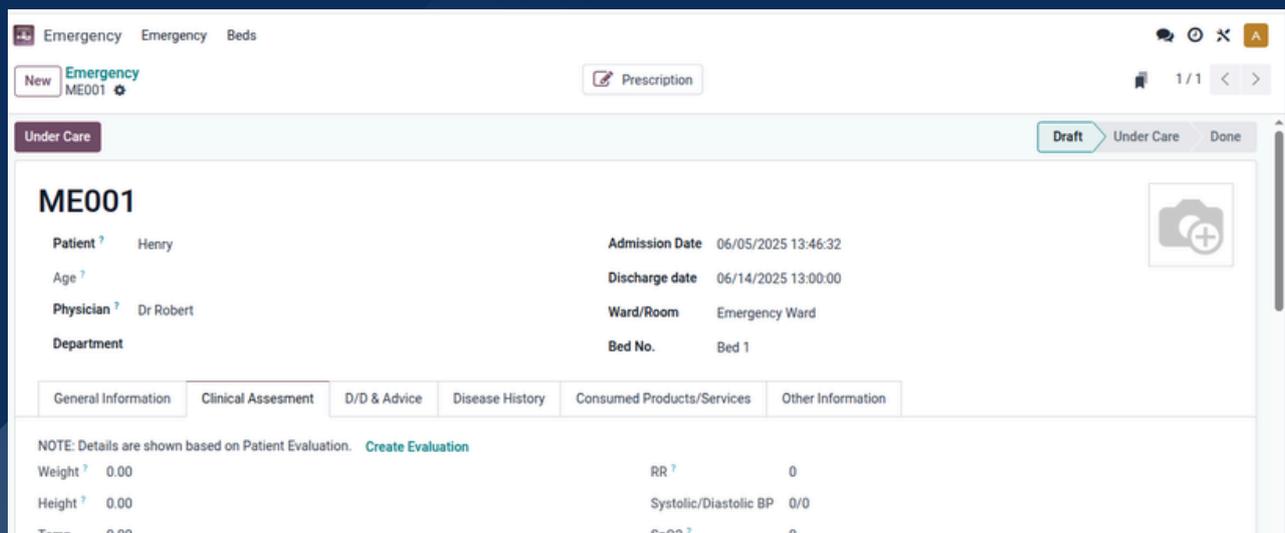
Departmental Coordination

Assign tasks to specific departments (e.g., "Therapist") to streamline workflows.



4. EMERGENCY MODULE

Our Emergency Module provides real-time case prioritization and resource coordination, ensuring life-saving interventions are delivered with maximum efficiency.



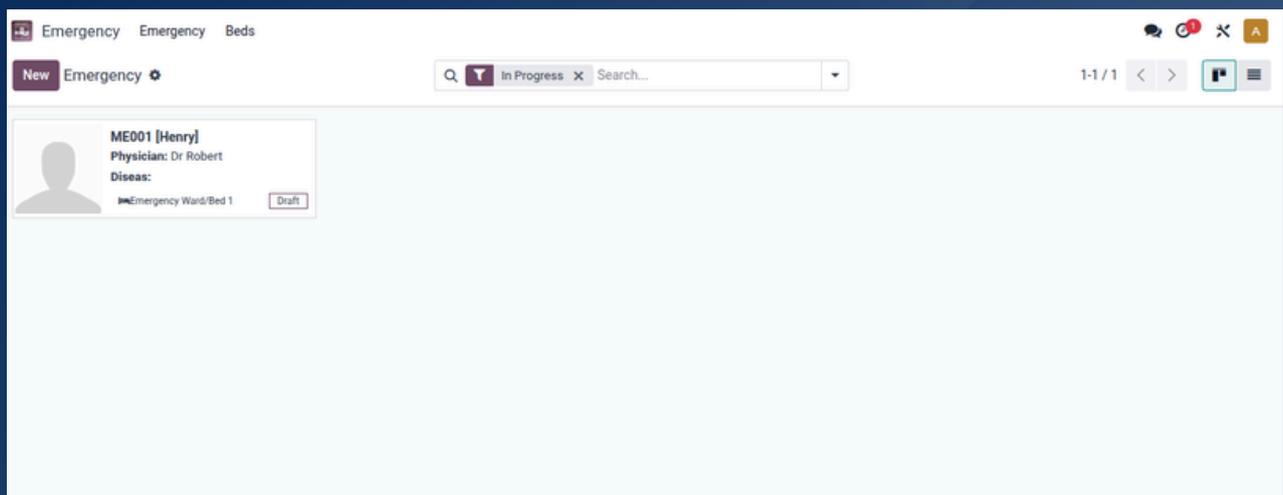
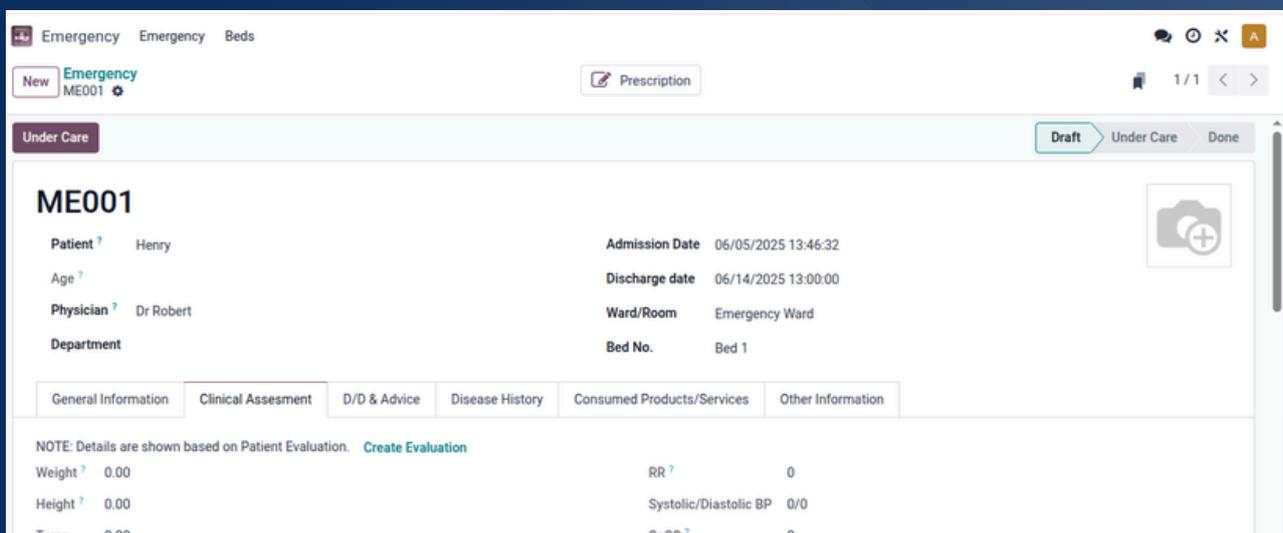
RAPID PATIENT INTAKE & EVALUATION

Instant Record Creation

Auto-generated emergency case IDs (ME001) with critical patient details.

Structured Triage Assessment

- Vital sign capture (BP, RR, weight/height)
- Clinical evaluation templates
- Disease history visibility



DYNAMIC RESOURCE MANAGEMENT

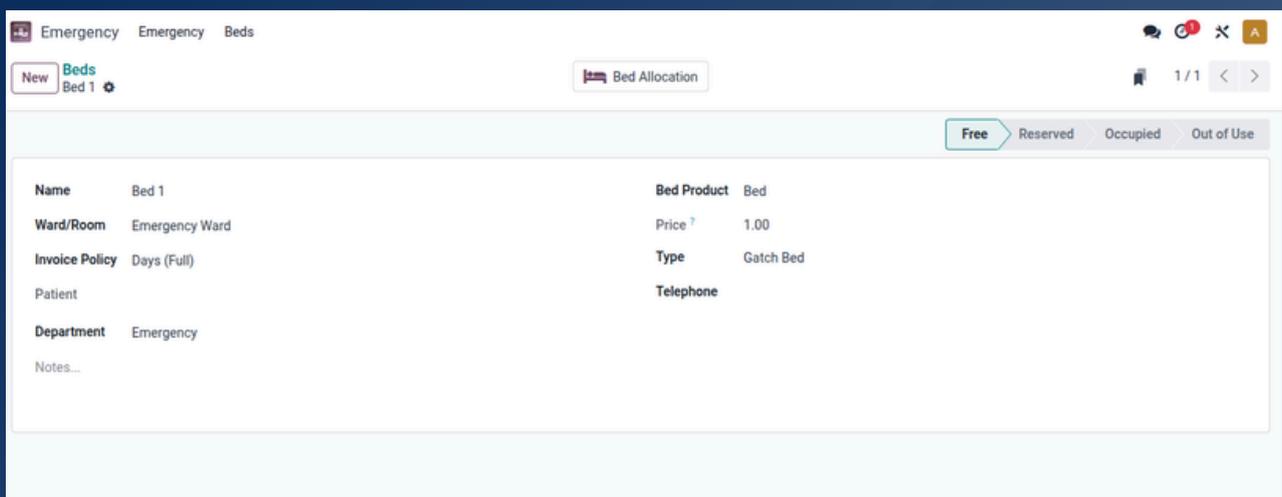
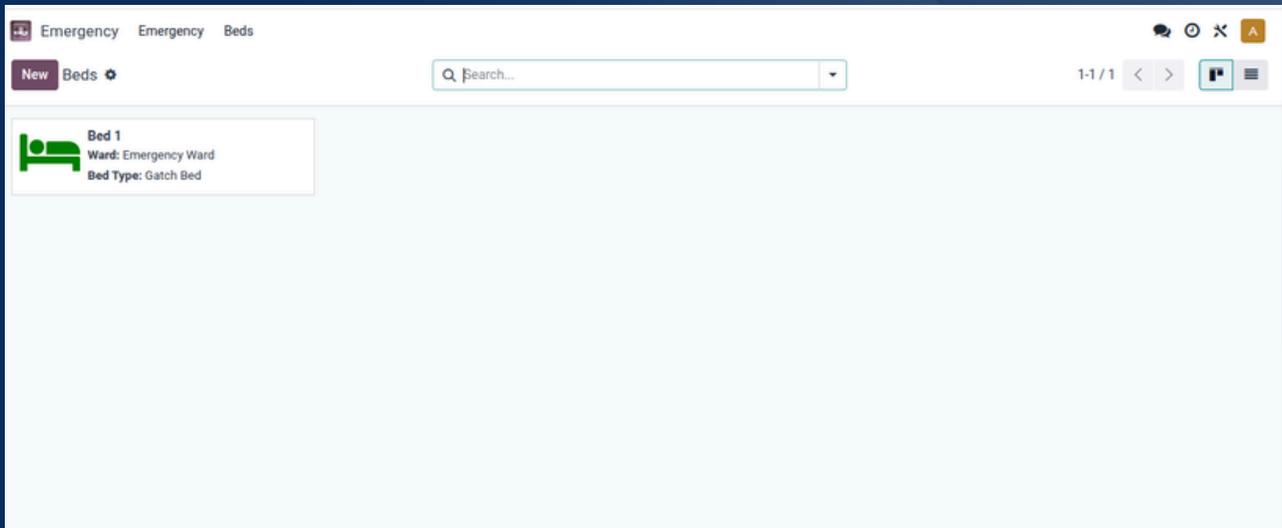
Bed Status Dashboard

Real-time tracking of:

- Bed types (Gatch Bed)
- Ward assignments (Emergency Ward)
- Availability alerts

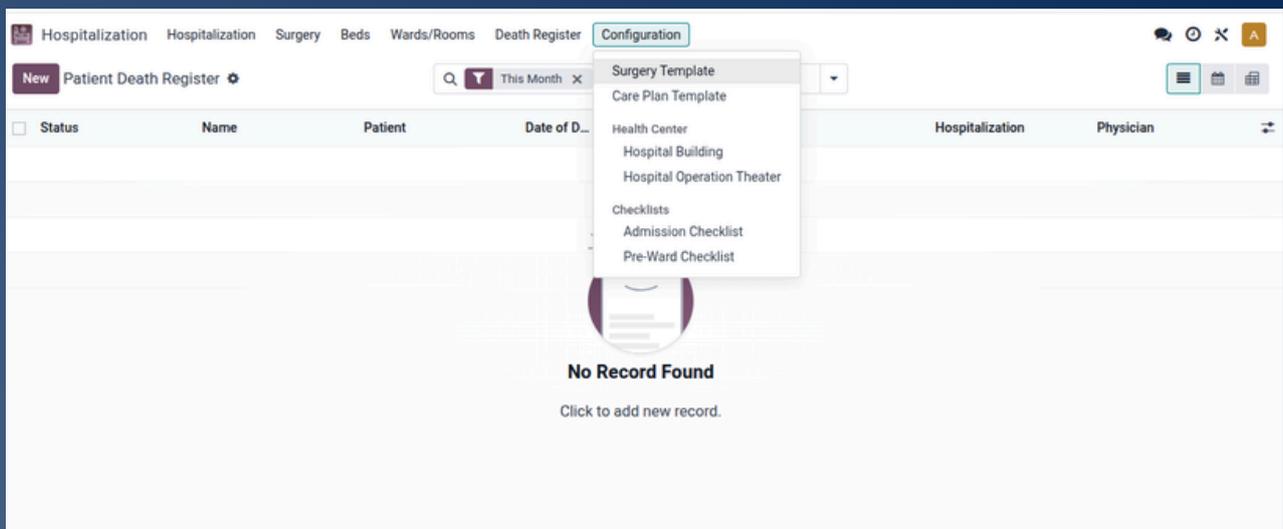
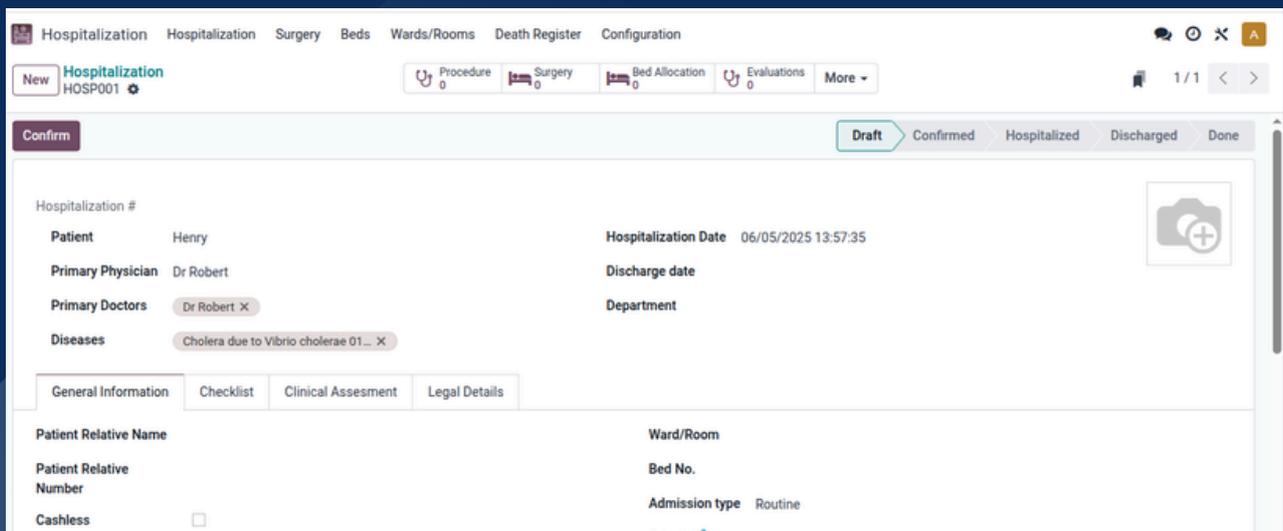
Priority-Based Allocation

Automated bed assignment by case severity



5. HOSPITALIZATION

Our Hospitalization Module provides complete visibility and control over inpatient workflows, integrating clinical, administrative, and financial operations for seamless patient care transitions.



STRUCTURED ADMISSION PROCESS

Automated Case Tracking

Unique hospitalization IDs (HOSP001) with:

- Patient-physician assignment (Henry → Dr. Robert)
- Diagnosis documentation (Cholera due to *Vibrio cholerae*)

Legal & Administrative Compliance

- Relative contact tracking
- Cashless treatment authorization
- Departmental bed assignment (R1/R2 wards)

This screenshot shows a web-based form for a hospitalization. At the top, there are navigation tabs: Hospitalization, Surgery, Beds, Wards/Rooms, Death Register, and Configuration. Below the tabs, there's a header with 'New Hospitalization HOSP001' and a status bar with 'Draft', 'Confirmed', 'Hospitalized', 'Discharged', and 'Done'. The form fields include: Hospitalization #, Patient (Henry), Primary Physician (Dr Robert), Primary Doctors (Dr Robert), Diseases (Cholera due to Vibrio cholerae 01...), Hospitalization Date (06/05/2025 13:57:35), Discharge date, and Department. There are also tabs for 'General Information', 'Checklist', 'Clinical Assessment', and 'Legal Details'. At the bottom, there are fields for Patient Relative Name, Patient Relative Number, Cashless (checkbox), Ward/Room, Bed No., and Admission type (Routine).

This screenshot shows the 'Legal Details' section of the hospitalization form. It includes a 'Legal Case' checkbox which is checked. Below it, there's a 'Reported to police' section with radio buttons for 'Yes' (selected) and 'No'. At the bottom, there's a field for 'FIR No.' with the value '56566'.

SURGICAL WORKFLOW INTEGRATION

End-to-End Surgery Management

- Pre-op checklists → Post-op orders → Discharge summaries
- Surgeon team assignments (Primary/Assisting)

Resource Allocation

- Surgery-specific bed reservations
- Template-driven procedure documentation

The screenshot shows a web application interface for surgical workflow management. At the top, there is a navigation menu with items: Hospitalization, Surgery, Beds, Wards/Rooms, Death Register, and Configuration. Below the navigation, there are buttons for 'New Surgery', 'Prescription', and 'Invoices'. A status bar at the top right shows 'Draft', 'Confirmed', and 'Done'. The main content area is divided into two columns. The left column contains 'Patient' and 'Diseases' fields, with a 'Hospitalization' dropdown and a 'Date' field. The right column contains 'Surgery Name' and a 'Date' field. Below these fields are tabs for 'General Information', 'Pre Operative Checklist', 'Medication', 'Post-Operative Orders', and 'Discharge Summary'. The interface is further divided into 'TEMPLATE DETAILS' and 'SURGEON DETAILS' sections.

This screenshot shows a more detailed view of the surgical workflow management software. The navigation menu and top buttons are the same as in the previous screenshot. The 'TEMPLATE DETAILS' section on the left includes 'Surgery Template' (Tem1) and 'Surgery Product' (P1). The 'SURGEON DETAILS' section on the right includes 'Main Surgeon' (Dr Robert), 'Primary Surgeons', and 'Assisting Surgeons'. Below these sections are 'OTHER DETAILS' and 'ANESTHESIA DETAILS' sections. The 'OTHER DETAILS' section includes 'Scrub Nurse', 'Operation Theater', 'Appointment', 'Treatment', and 'Department'. The 'ANESTHESIA DETAILS' section includes 'Anesthetist ?' and 'Anesthesia'.

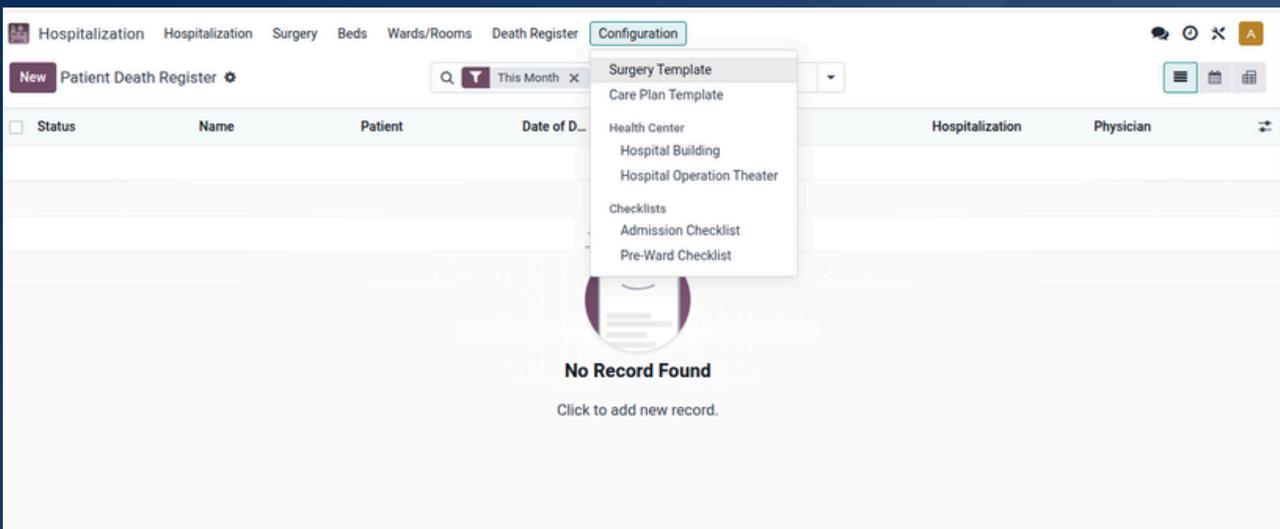
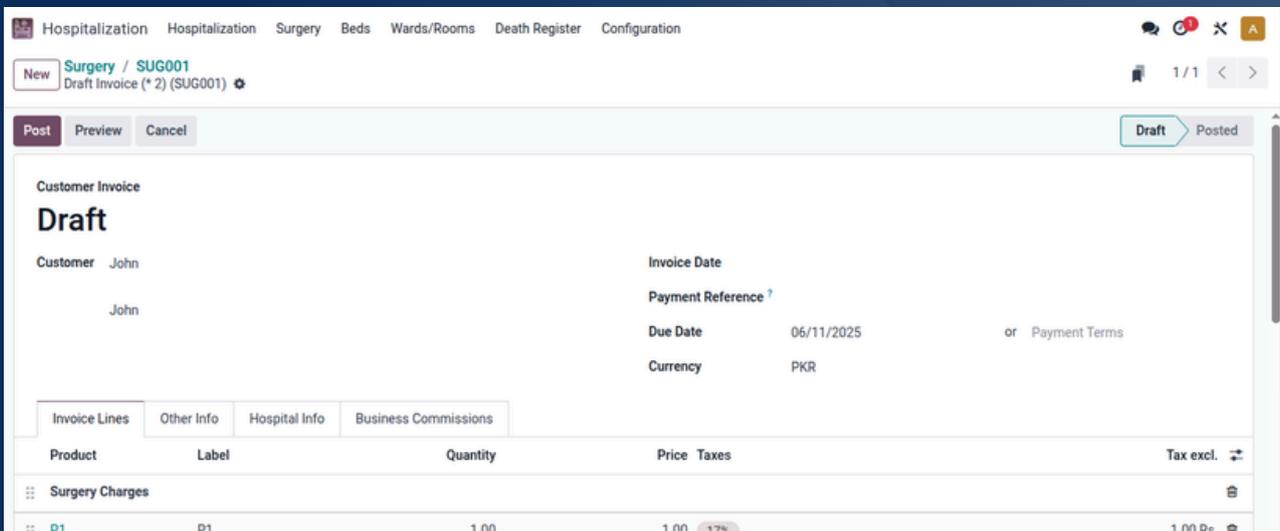
FINANCIAL & BILLING AUTOMATION

Real-Time Cost Tracking

- Prescription-to-invoice synchronization
- Automated discharge billing triggers

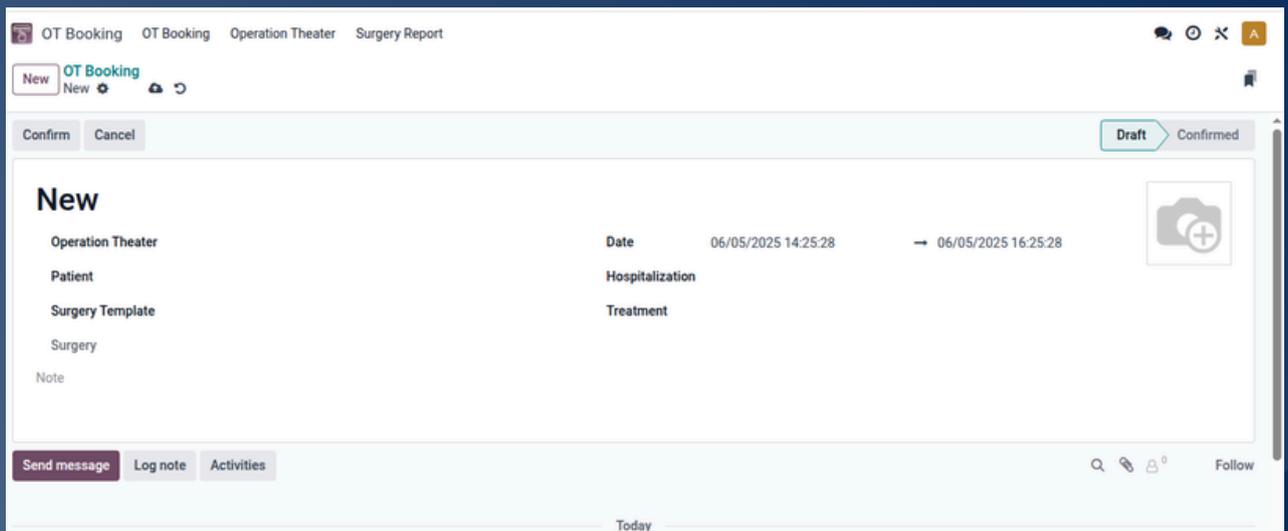
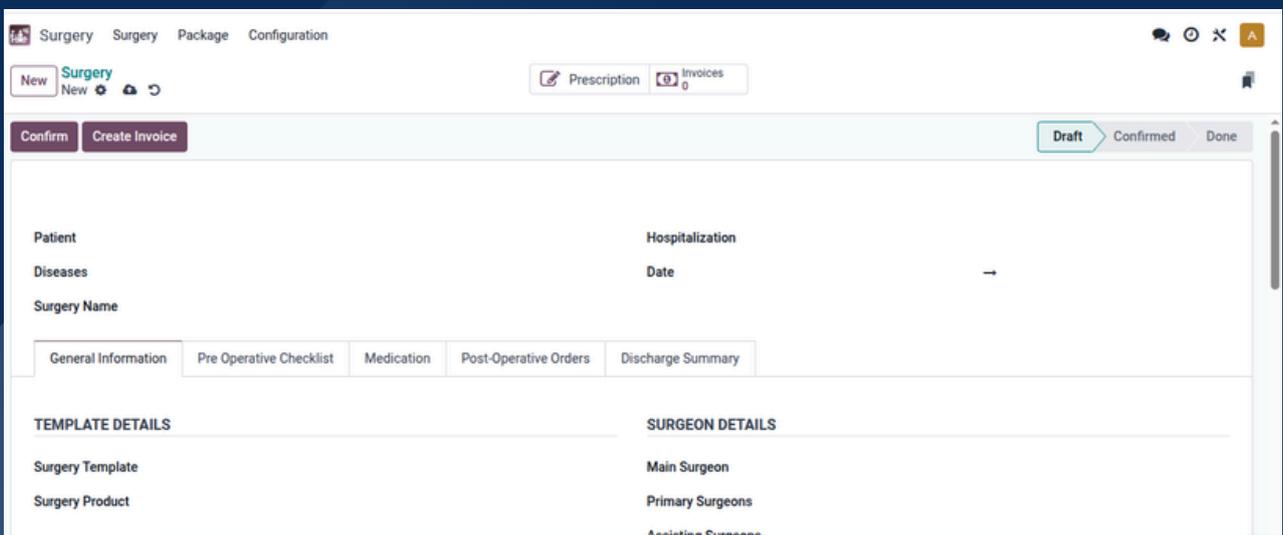
Departmental Charge Capture

- Room/ward fees
- Surgical procedure costing



6. SURGERY & OT BOOKING

Our Surgery & OT Booking system delivers military-grade coordination from pre-op planning to post-op recovery, integrating all stakeholders through a single command center.



INTELLIGENT OT SCHEDULING

Real-Time Theater Status

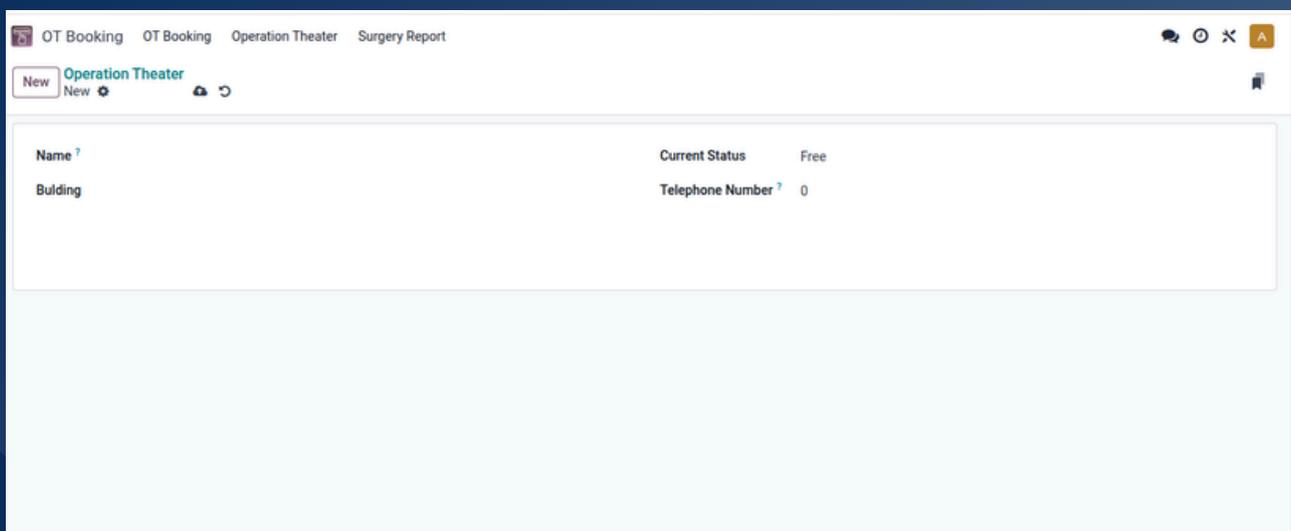
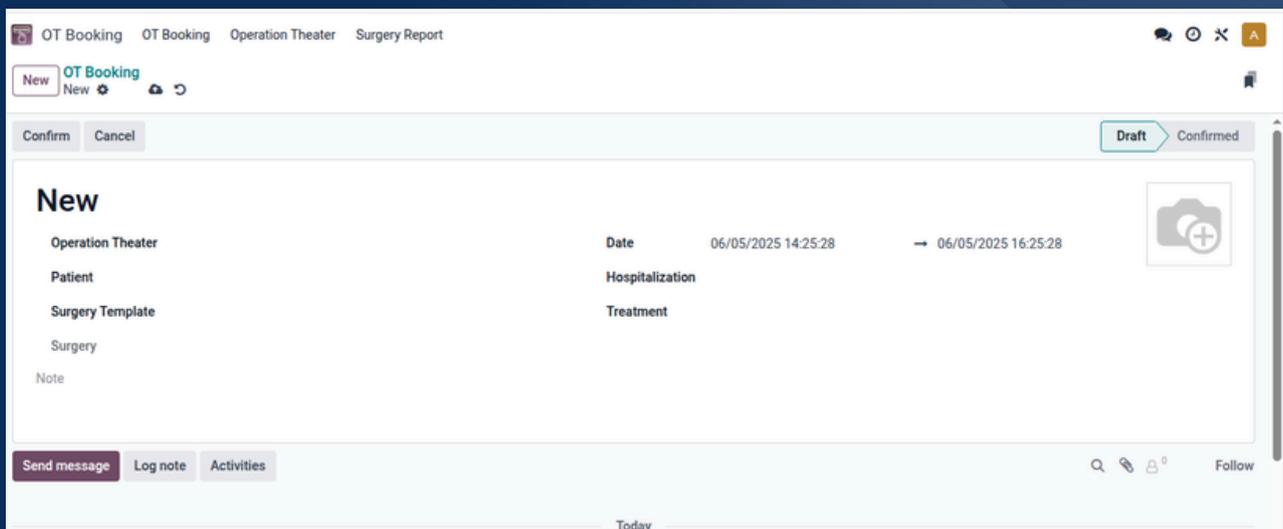
Color-coded availability tracking
(Free/Occupied)

Block Scheduling

- 2-hour procedure windows (14:25-16:25)
- Building/floor-level resource mapping

Automated Cascading Alerts

- Surgeon notifications
- Equipment prep triggers



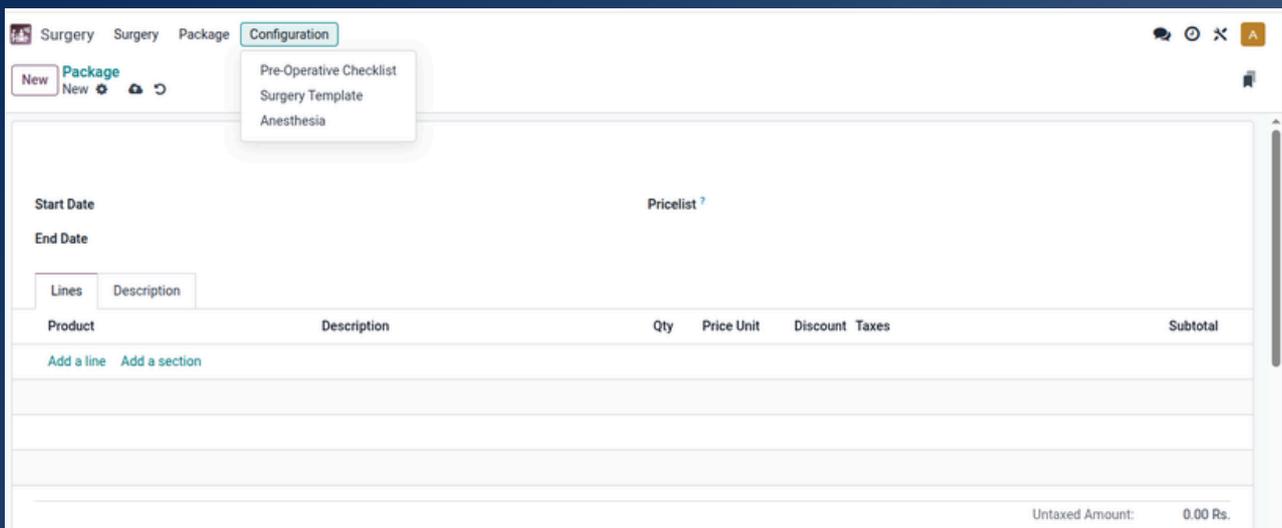
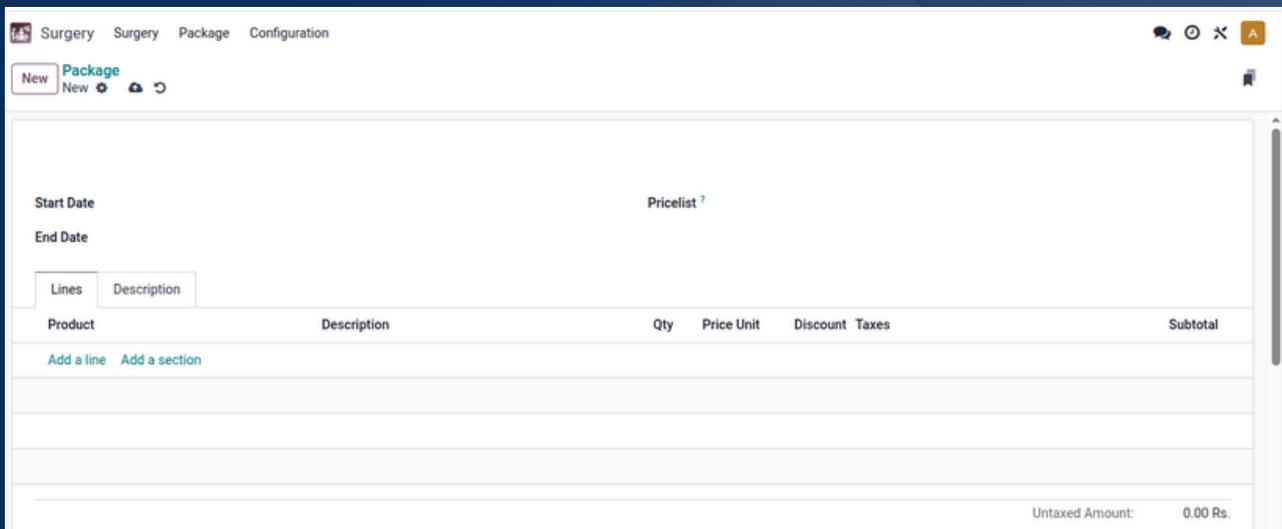
SURGICAL PACKAGE CONFIGURATION

Procedure Templating

- Pre-packaged surgery kits (Product/Description lines)
- Anesthesia protocol integration

Financial Precision

- Line-item costing (Qty/Price Unit/Discounts)
- Real-time subtotal calculations (0.00 Rs untaxed)



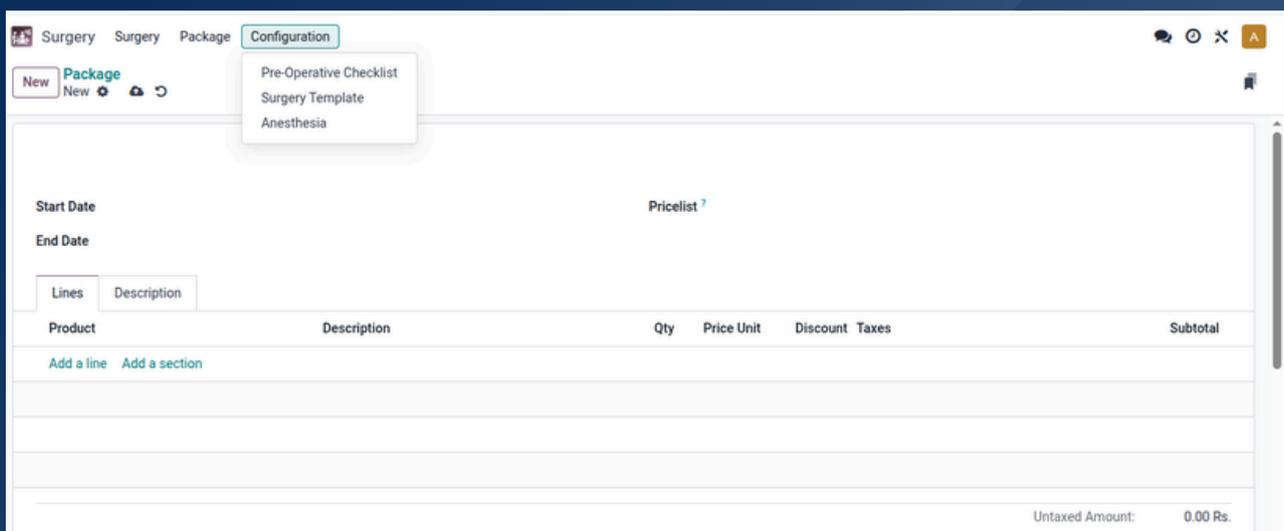
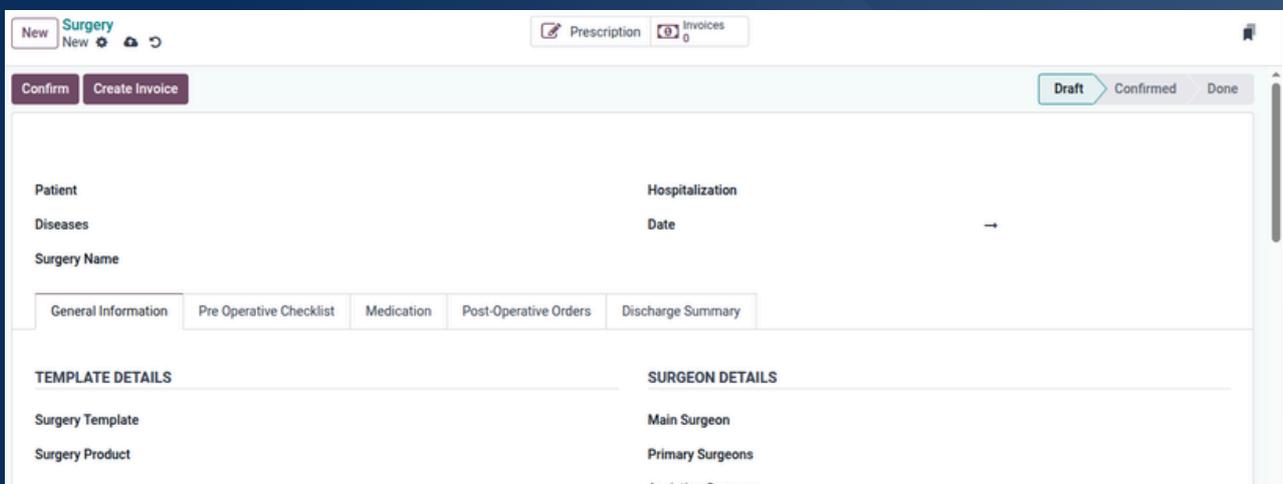
END-TO-END CASE MANAGEMENT

Pre-Op → Op → Post-Op Continuity

- Checklist compliance tracking
- Nursing handoff automation
- Discharge medication reconciliation

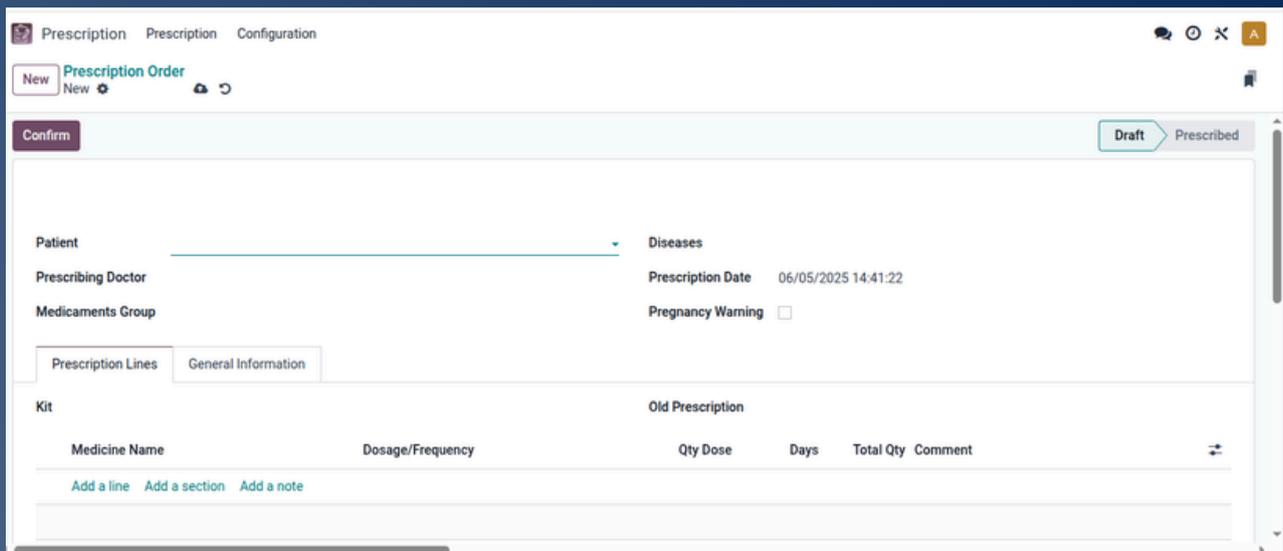
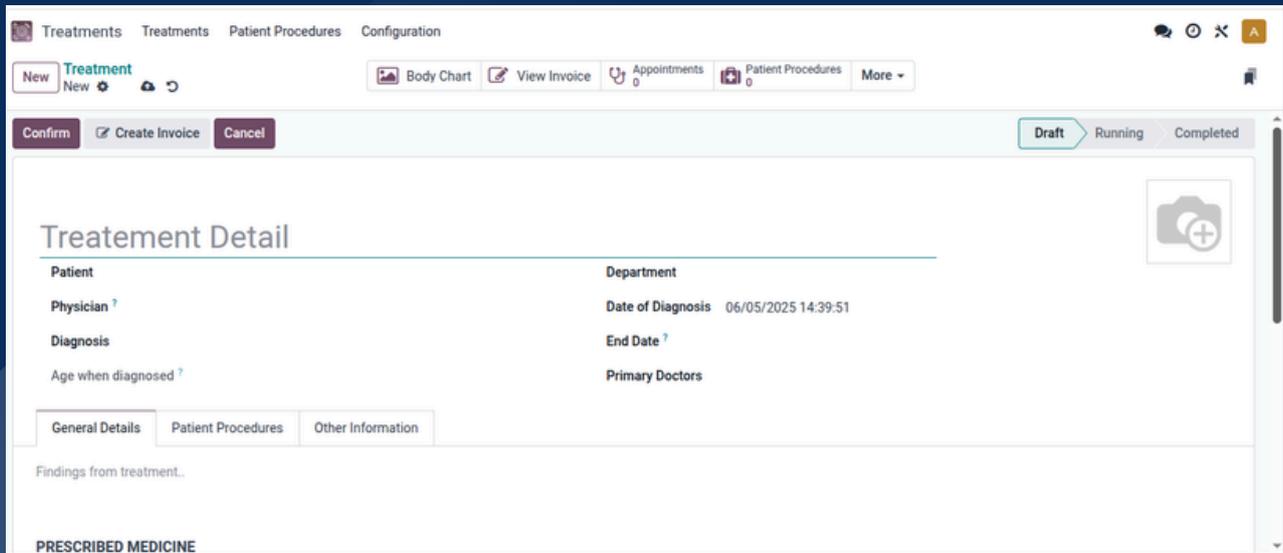
Team Synchronization

- Primary/assisting surgeon assignment
- Anesthesiologist availability checks



7. TREATMENTS & PRESCRIPTIONS

Our Treatment & Prescription system creates an unbroken clinical chain from diagnosis to drug administration, powered by real-time decision support and automated safety checks.



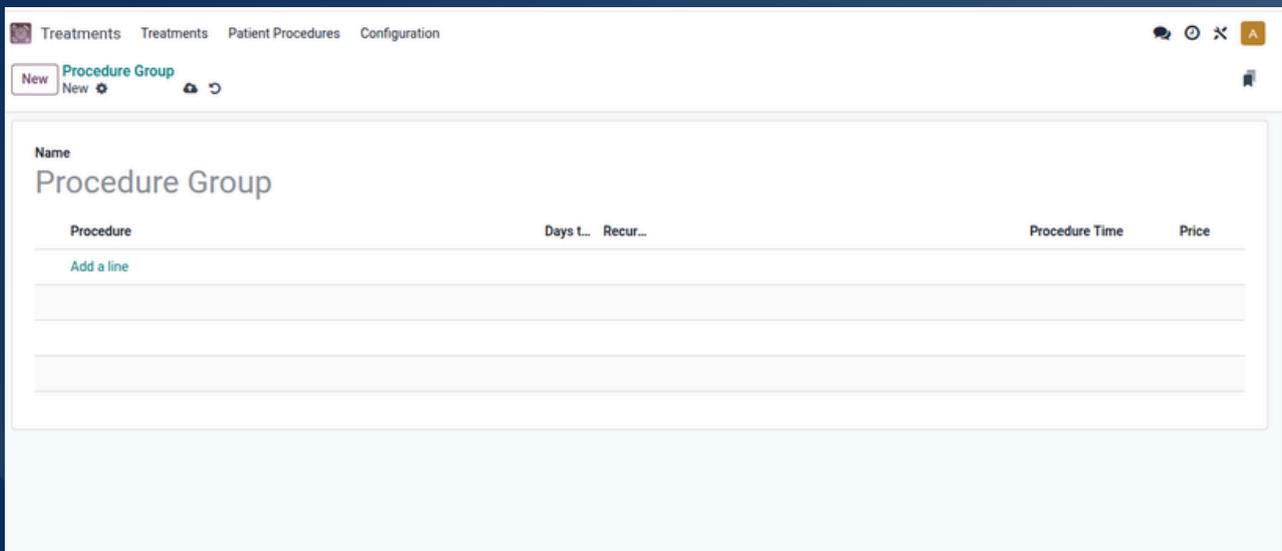
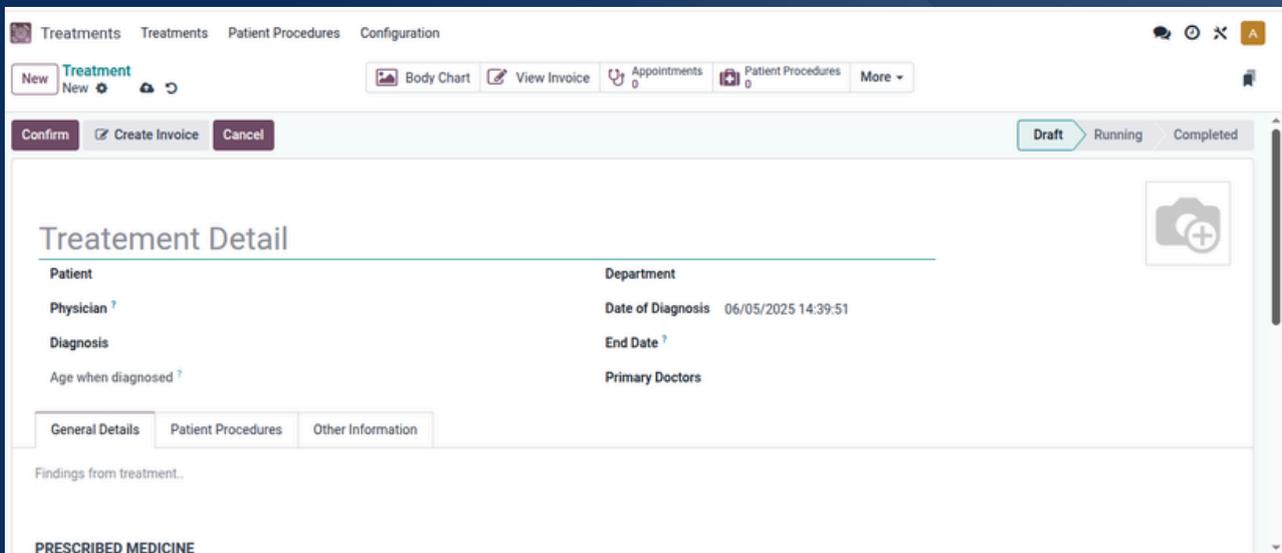
STRUCTURED TREATMENT PROTOCOLS

Procedure Standardization

- Grouped treatment plans with duration/recurrence tracking
- Time-cost matrices for resource planning

Therapy Roadmapping

- Day-by-day regimen visualization
- Cross-departmental procedure synchronization



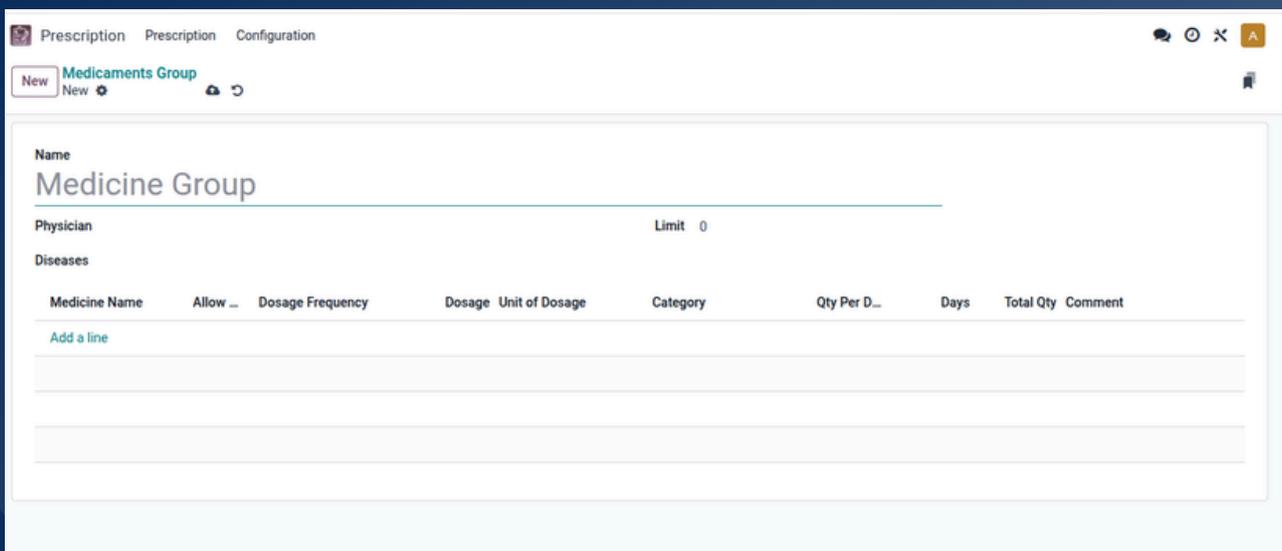
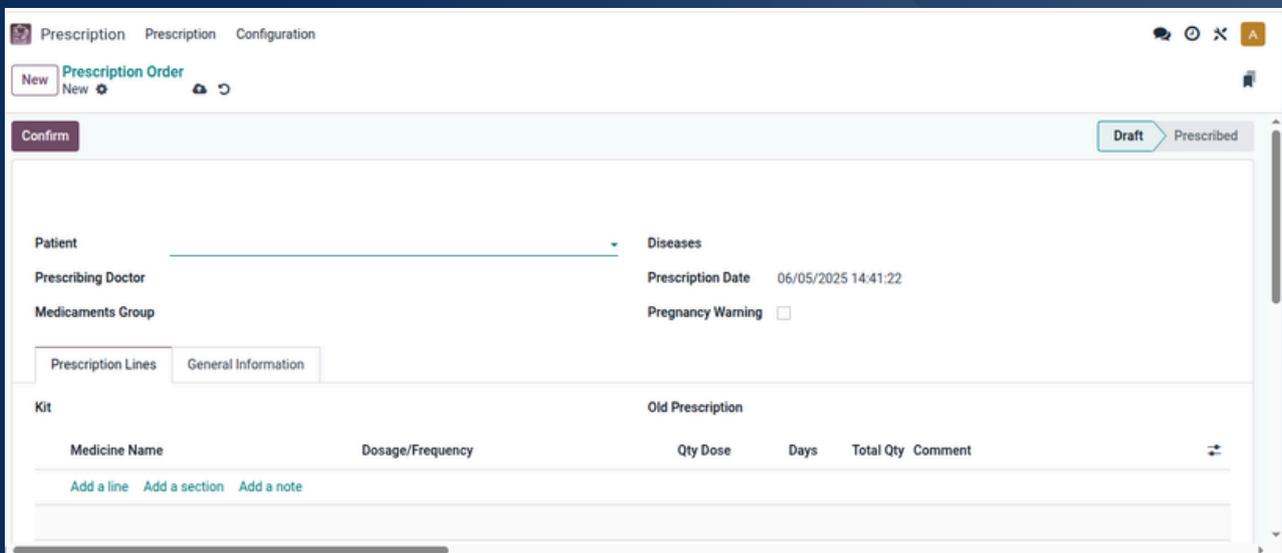
SMART PRESCRIPTION ENGINE

Medication Safety System

- Pregnancy/contraindication alerts
- Dosage calculators (Qty/Days/Total Qty)
- Drug-disease interaction flags

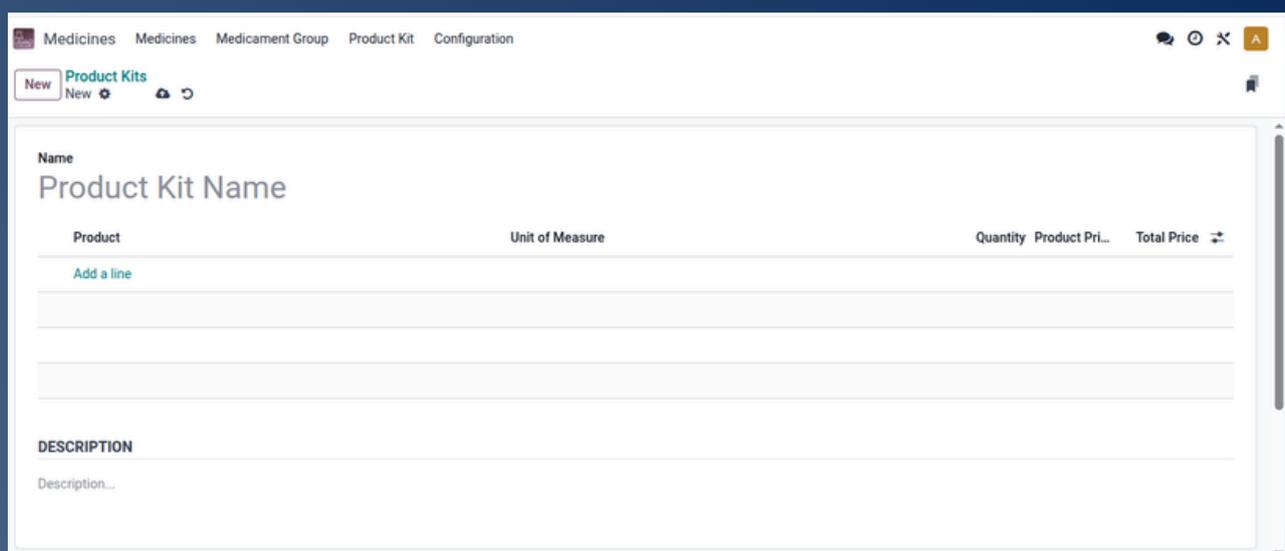
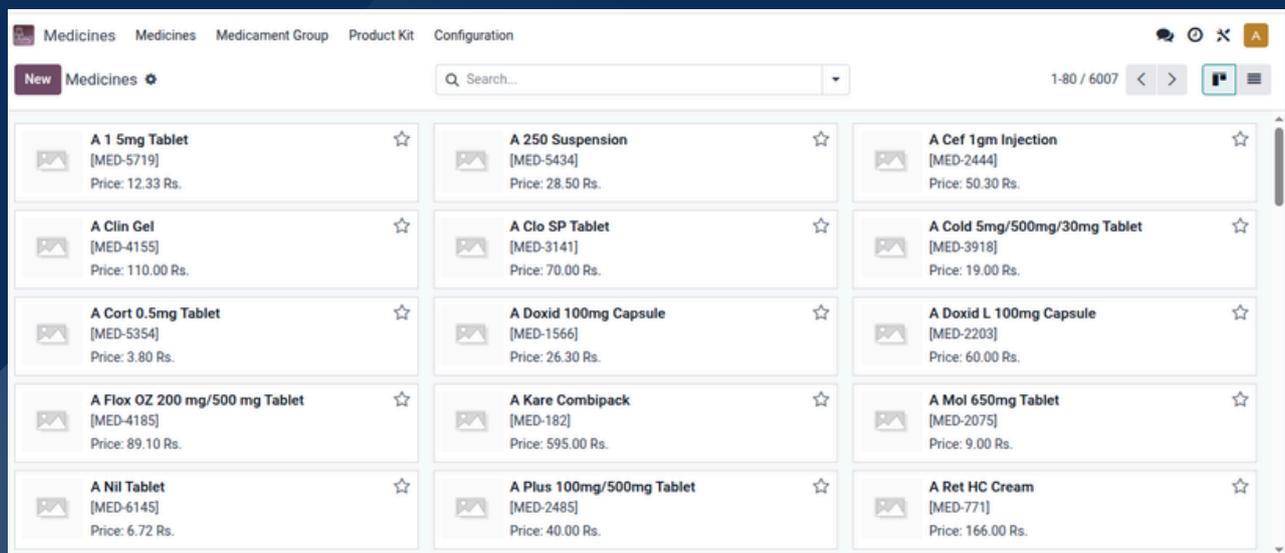
Intelligent Grouping

- Physician-specific formulary limits
- Condition-based medication kits



8. MEDICINES & PHARMACY

CODCrafters HMS provides a fully integrated pharmacy solution that synchronizes medication management across clinical, inventory, and financial workflows while ensuring complete medication safety.



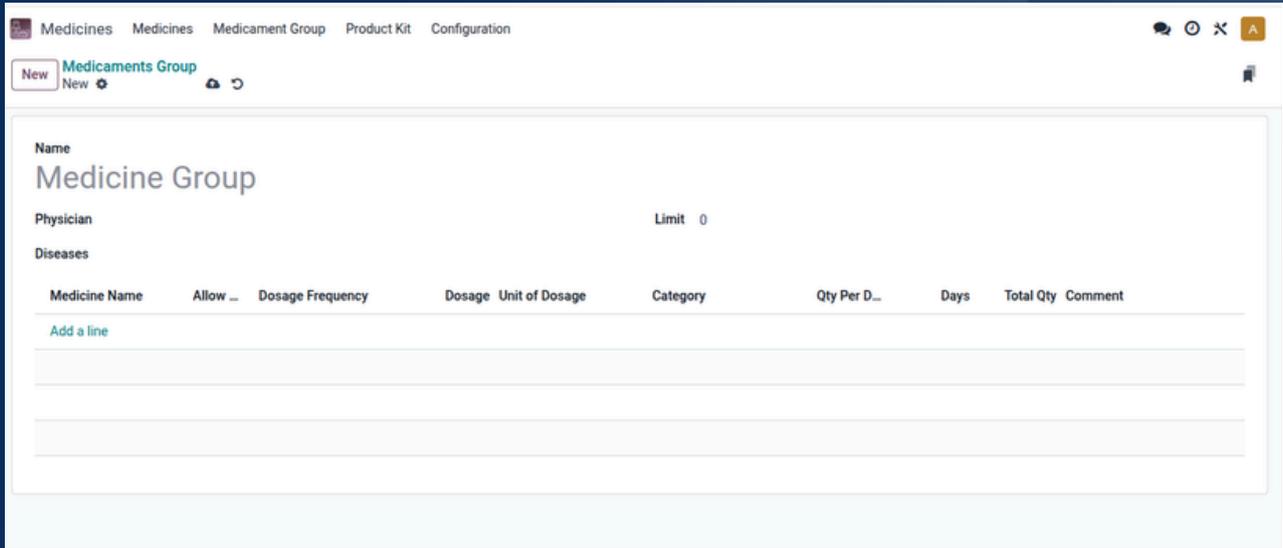
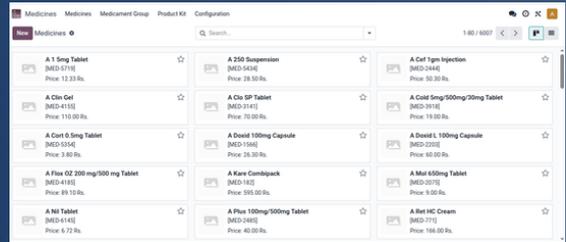
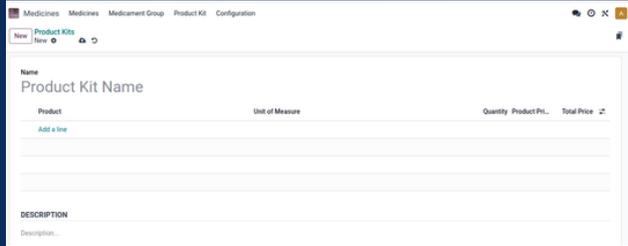
INTELLIGENT MEDICATION MASTER

Comprehensive Drug Database

- Medications with pricing
- Formulation-specific tracking (Tablets/Injections/Creams)

Smart Cataloging

- Unique MED-codes for inventory control
- Therapeutic category tagging



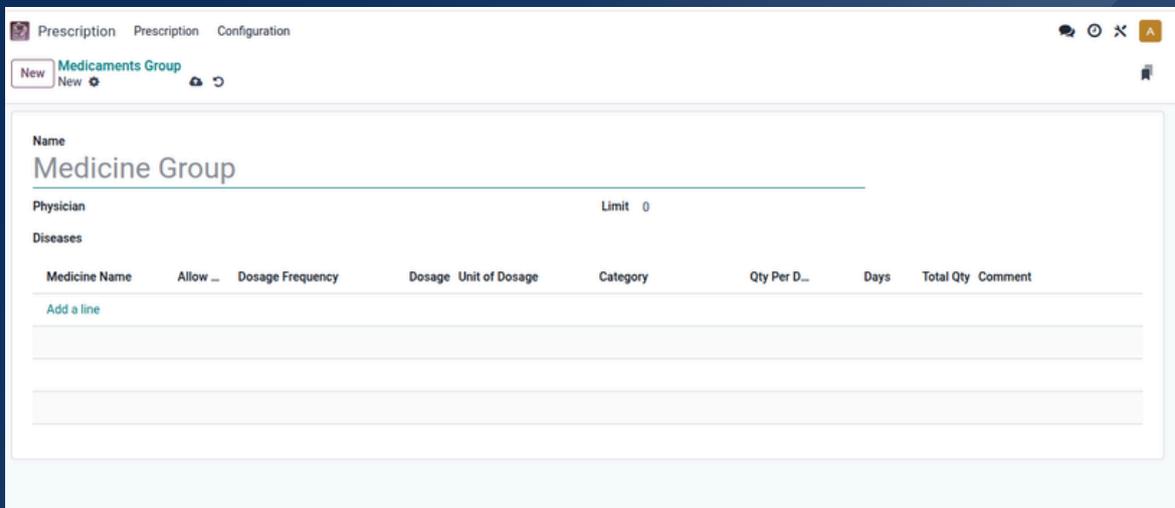
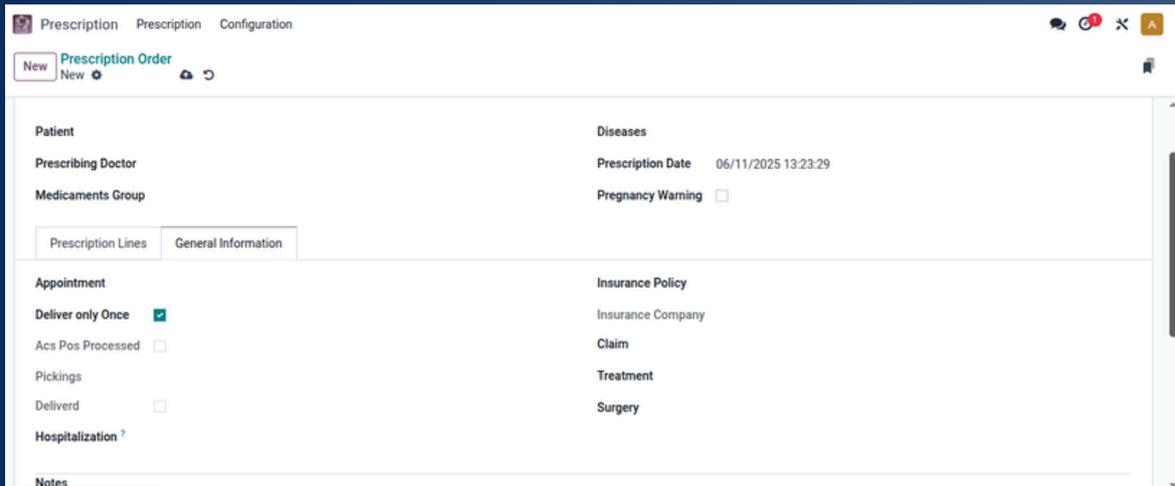
PRECISION PRESCRIPTION MANAGEMENT

Physician Workbench

- Dose calculators (Qty/Days/Total)
- Condition-based medication grouping
- Formulary limit enforcement

Safety Protocols

- Drug-disease contraindication alerts
- Pregnancy



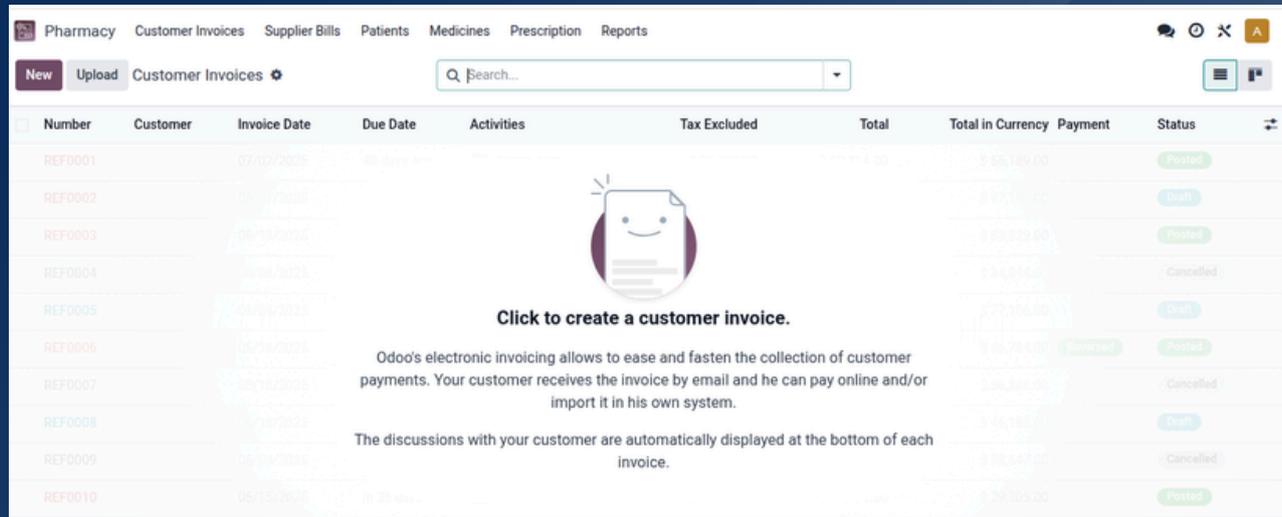
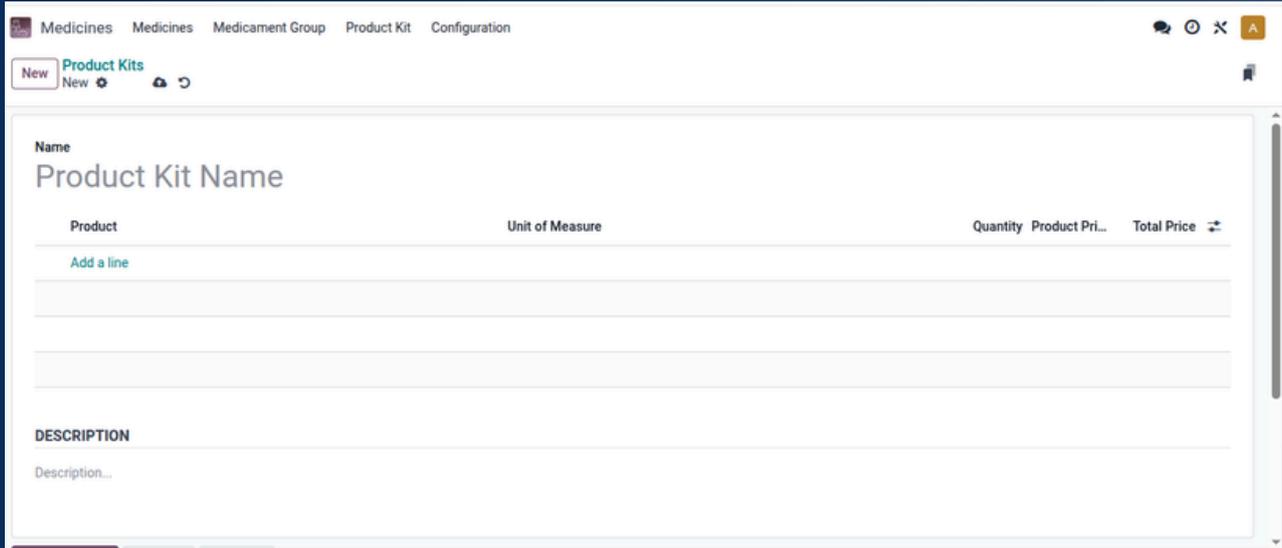
AUTOMATED PHARMACY OPERATIONS

Kit Assembly

- Pre-configured treatment packages
- Batch production tracking

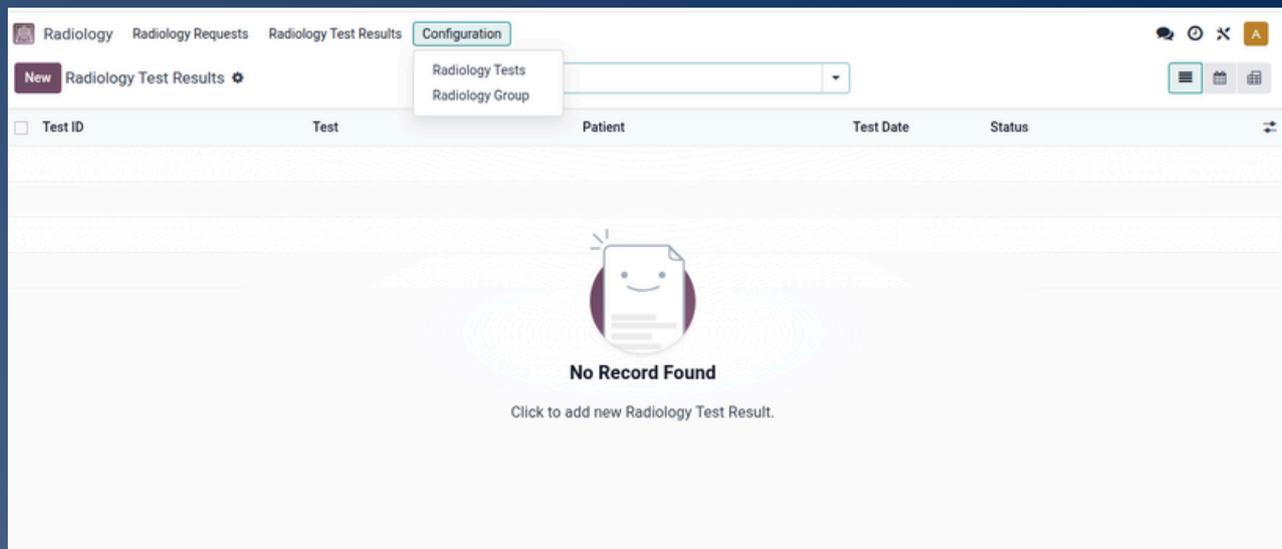
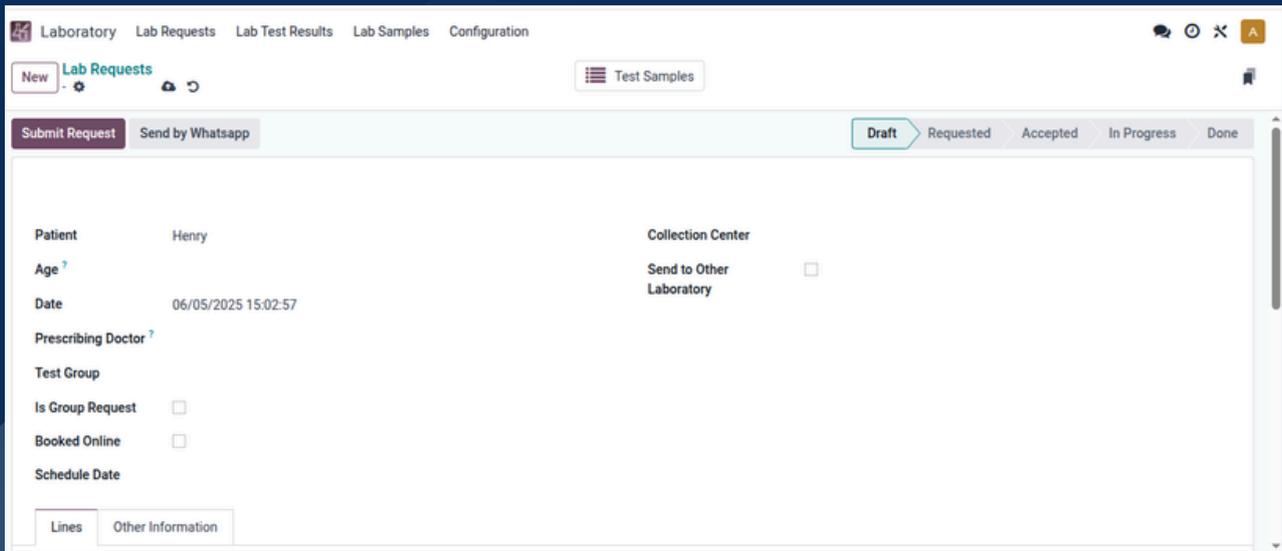
Seamless Billing Integration

- One-click invoice generation
- Online payment reconciliation
- Insurance claim automation



9. LABORATORY & RADIOLOGY

CODCrafters HMS delivers end-to-end diagnostic coordination, connecting test ordering, sample tracking, and result delivery into a unified clinical intelligence platform.



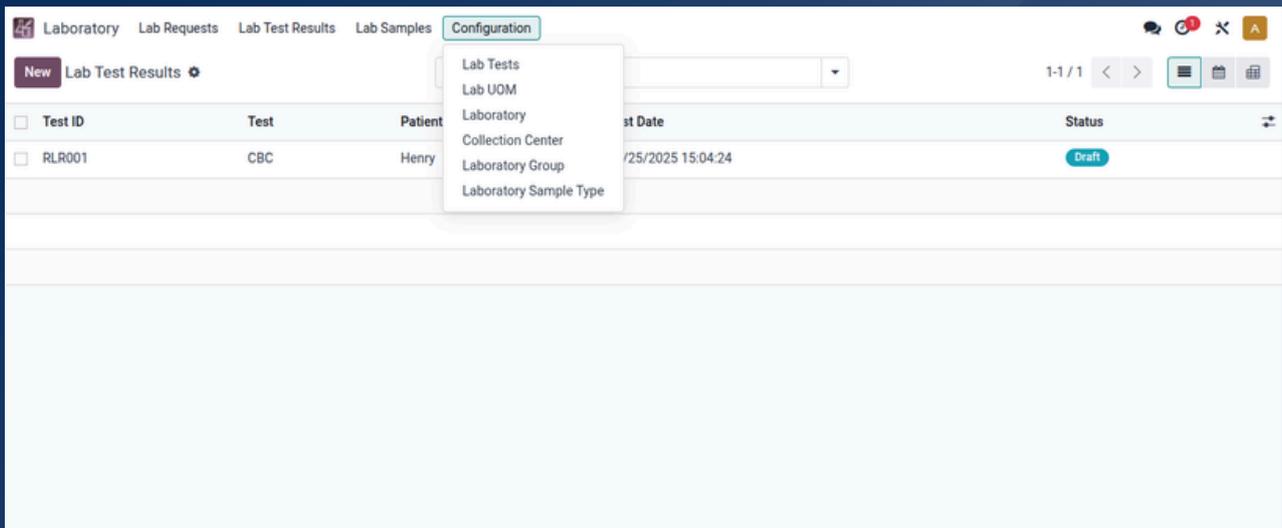
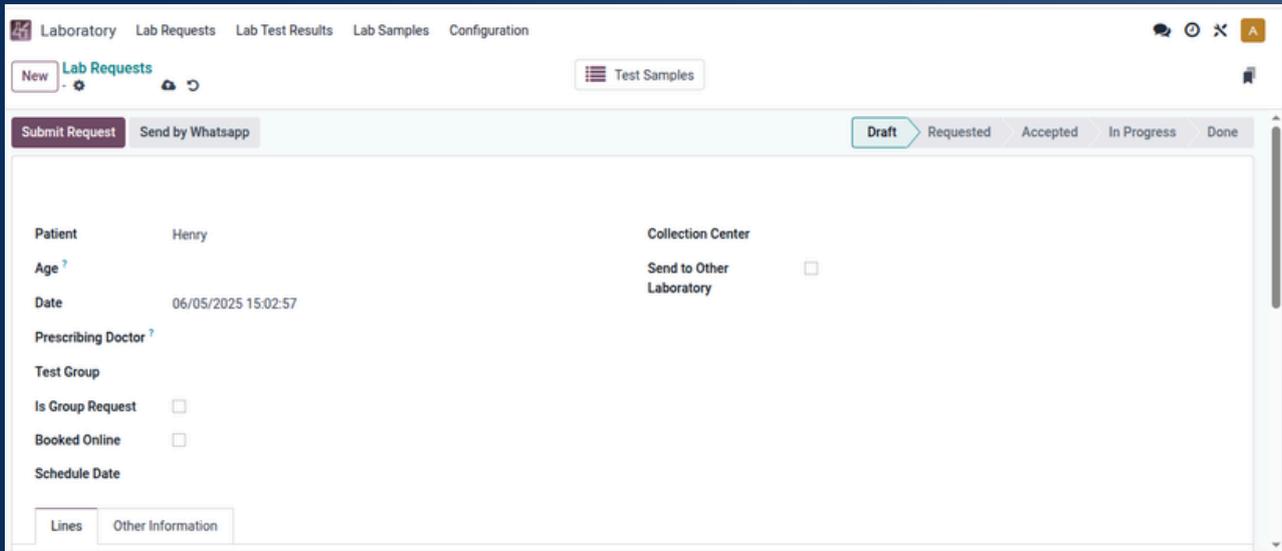
INTELLIGENT TEST ORDERING

Smart Requisition

- Patient-linked requests with auto-timestamping
- Group test panels for comprehensive profiling

Multi-Channel Distribution

- WhatsApp result sharing
- External lab routing capabilities



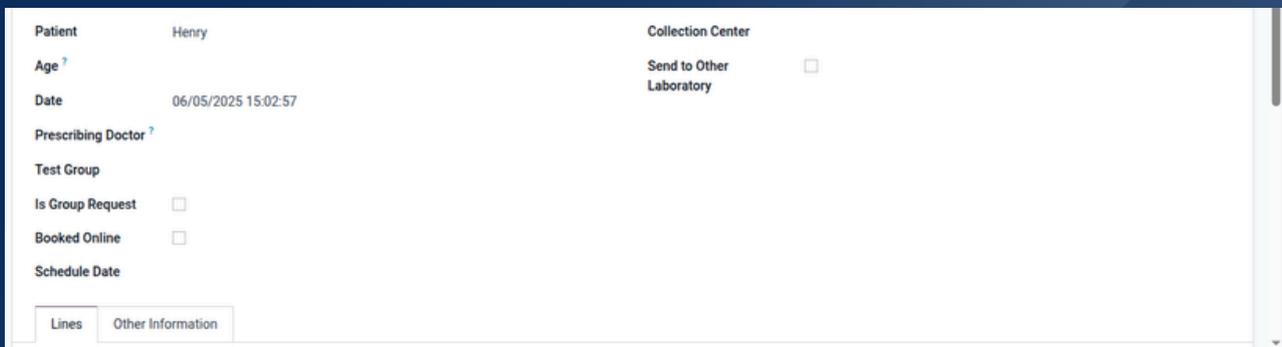
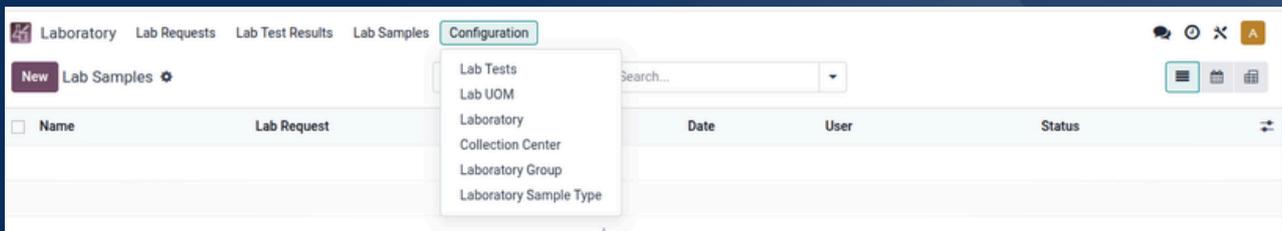
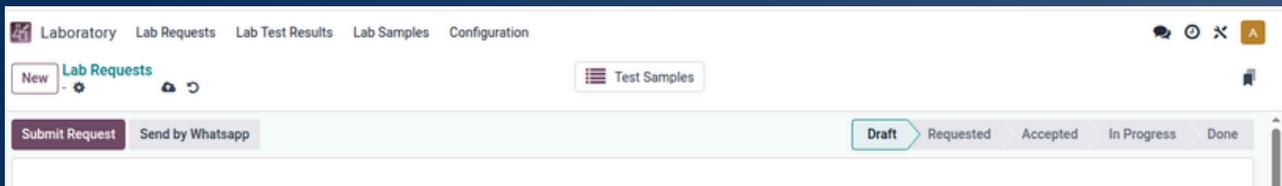
SAMPLE LIFECYCLE TRACKING

Chain of Custody

- Barcoded sample identification
- Collection center assignments

Status Visibility

- Real-time progress tracking (Pending/In-Progress/Completed)
- Technician accountability logging



RADIOLOGY WORKFLOW AUTOMATION

Modality-Agnostic Management

- Unified dashboard for X-ray/MRI/CT/USG
- Priority flagging for STAT cases

Structured Reporting

- DICOM integration with PACS
- Normal range auto-flagging

Radiology | Radiology Requests | Radiology Test Results | Configuration

New Radiology Requests

Submit Request | Send by Whatsapp | Draft | Requested | Accepted | In Progress | Done

Patient: John

Age: ?

Date: 06/11/2025 13:47:58

Prescribing Doctor: ?

Test Group: ?

Is Group Request:

Lines | Other Information

Test	Turnaround Time	Sale Price	Special Instructions	Is Mana...
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Radiology | Radiology Requests | Radiology Test Results | Configuration

New Radiology Requests

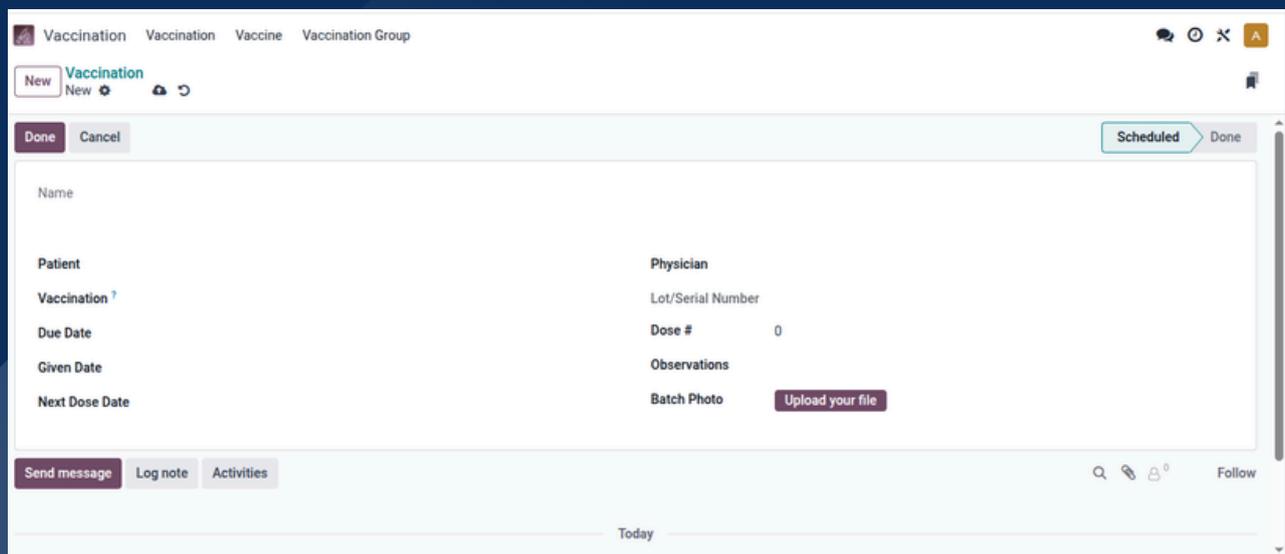
Today's Investigation | Search...

1-1 / 1

Request Number	Patient	Date	Prescribing Doctor	Activities	Status
<input type="checkbox"/>	John	06/11/2025 13:47:58		🕒	Draft

10. VACCINATION MODULE

CODCrafters HMS Vaccination Module provides end-to-end immunization management, ensuring complete vaccine coverage through intelligent scheduling, documentation, and recall systems.



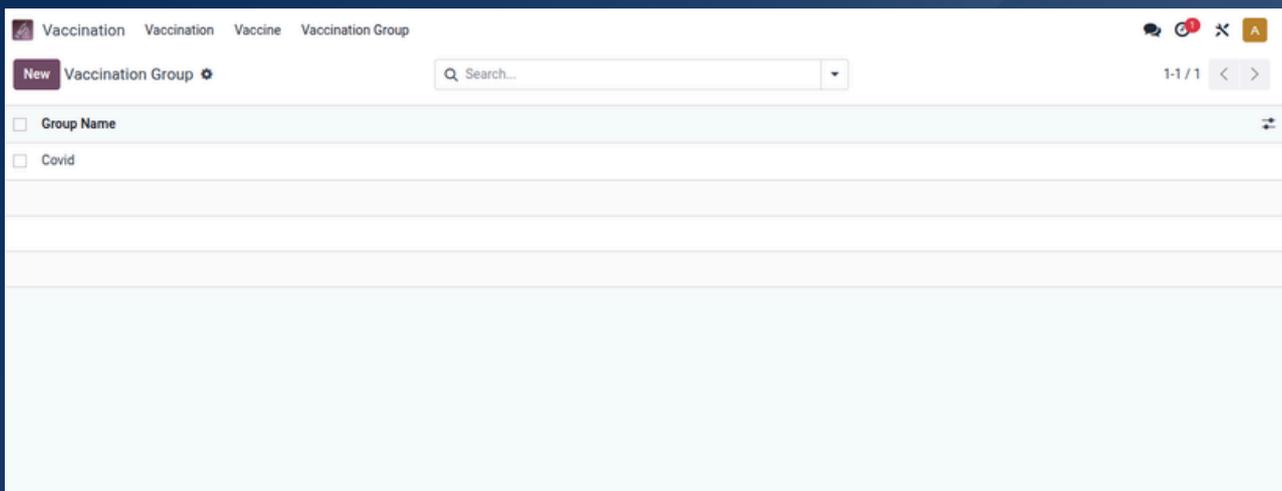
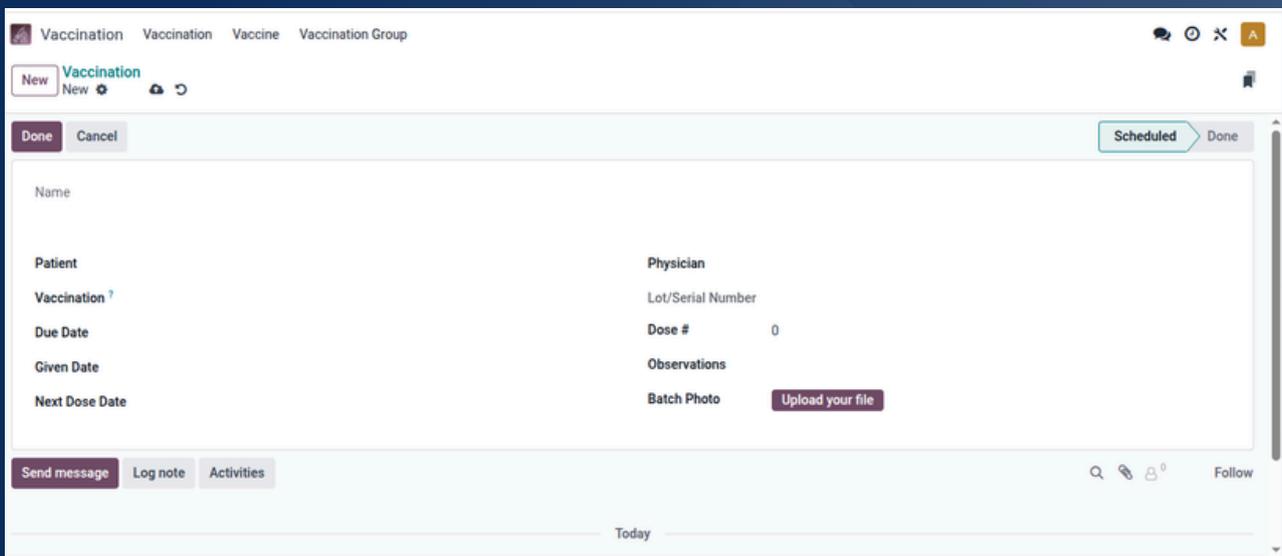
PATIENT IMMUNIZATION RECORDS

Complete Vaccine History

- Dose-level tracking (Dose #0 → Next Dose Date)
- Lot/batch documentation for traceability

Multi-Media Documentation

- Batch photo upload capability
- Clinical observation logging



INTELLIGENT SCHEDULING SYSTEM

Automated Dose Calculation

- Due Date/Given Date/Next Dose tracking
- Age-specific regimen enforcement

Multi-Channel Reminders

- SMS/Email/WhatsApp recall notifications
- Missed dose escalation alerts

This screenshot shows a patient record form with the following fields:

- Patient**
- Vaccination ?**
- Due Date**
- Given Date**
- Next Dose Date**
- Physician**
- Lot/Serial Number**
- Dose #** (value: 0)
- Observations**
- Batch Photo** (with an **Upload your file** button)

At the bottom of the form, there are buttons for **Send message**, **Log note**, and **Activities**. On the right side, there are icons for search, a notification bell, and a **Follow** button. A **Today** separator is visible at the bottom of the form area.

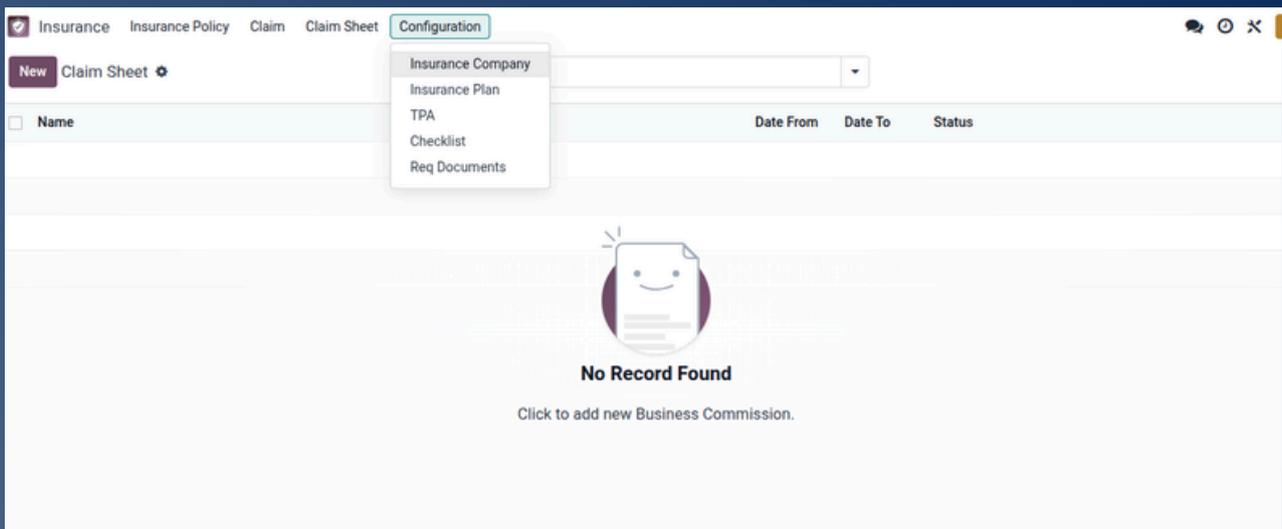
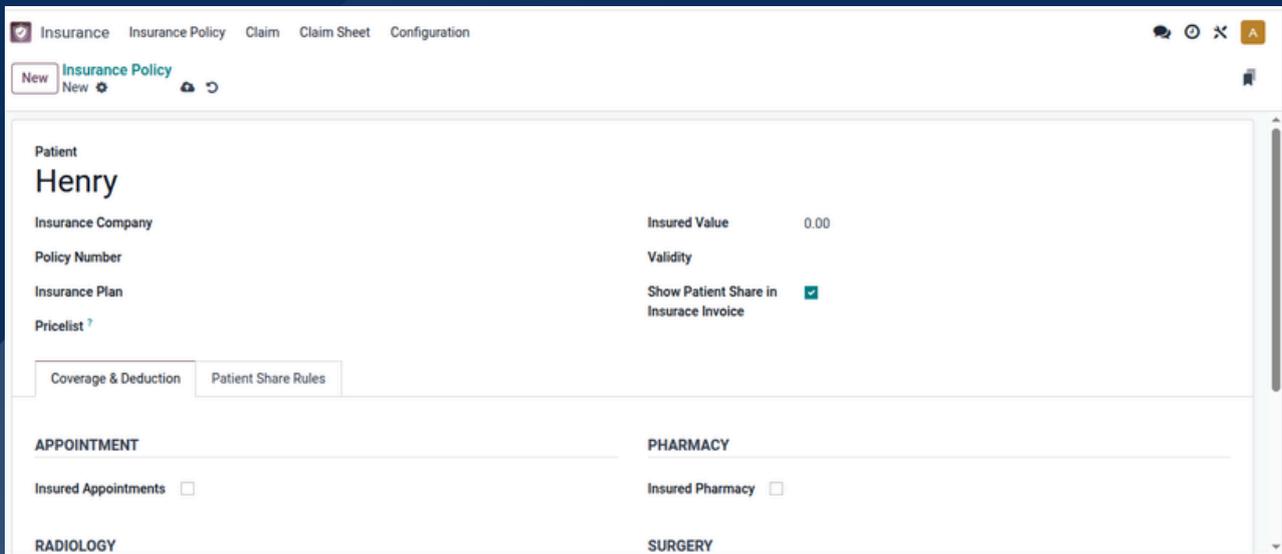
This screenshot shows a table of vaccination records. The table has the following columns:

Name	Patient	Vaccination	Due Date	Given Date	Lot/Serial Number	Dose #	Next Dose Date	Status
VC001	Henry	Covid 1	06/12/2025	06/11/2025		0	07/02/2025 13:00:00	To Invoice

The table also includes a search bar at the top, a **New Vaccination** button, and navigation icons (back, forward, list, print, refresh).

11. INSURANCE INTEGRATION

CODCrafters HMS delivers end-to-end insurance orchestration, eliminating administrative burdens while maximizing reimbursement efficiency across all service lines.



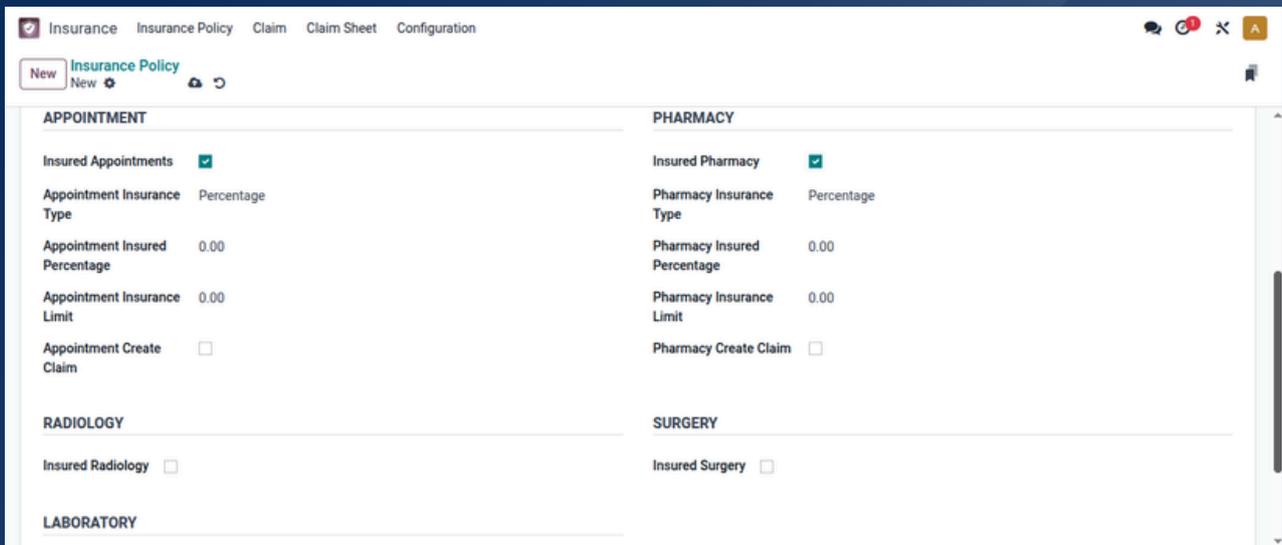
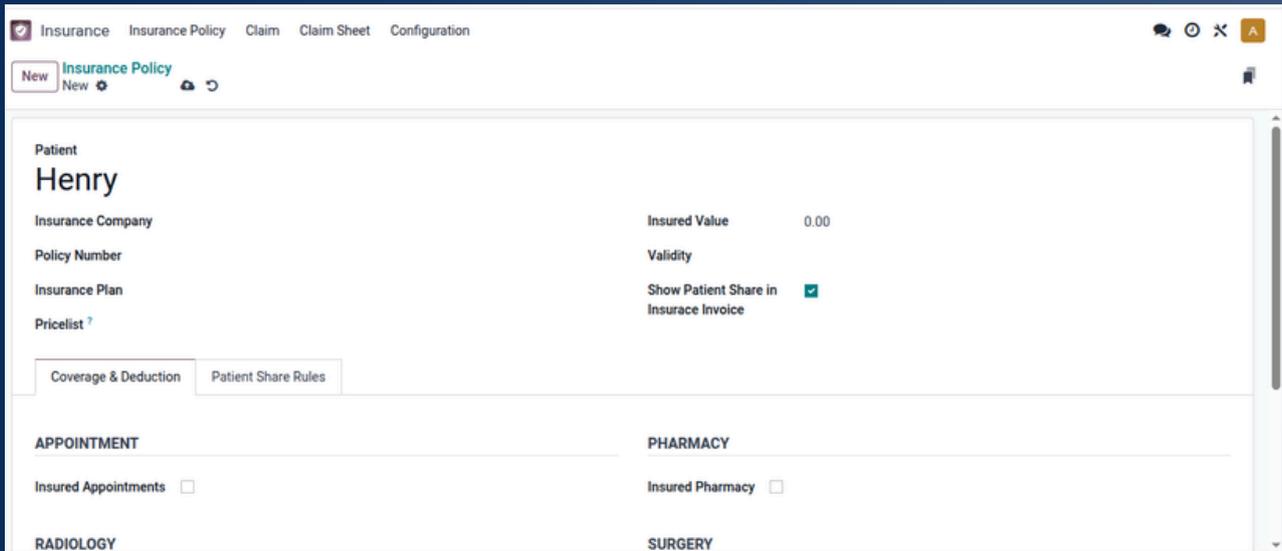
CENTRALIZED POLICY ADMINISTRATION

Unified Patient Coverage View

- Policy details (Number/Validity/Plan)
- Insured value tracking (0.00 balance alerts)

Multi-Payer Support

- Custom pricelists per insurer
- Patient share calculation rules



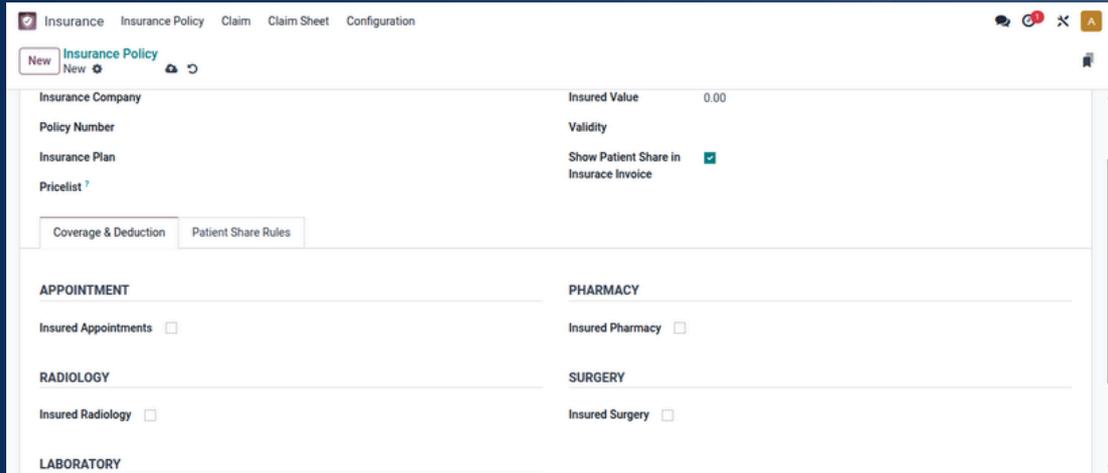
AUTOMATED SERVICE AUTHORIZATION

Real-Time Eligibility Checks

- Appointment/Pharmacy/Radiology /Surgery coverage
- Pre-approval workflow integration

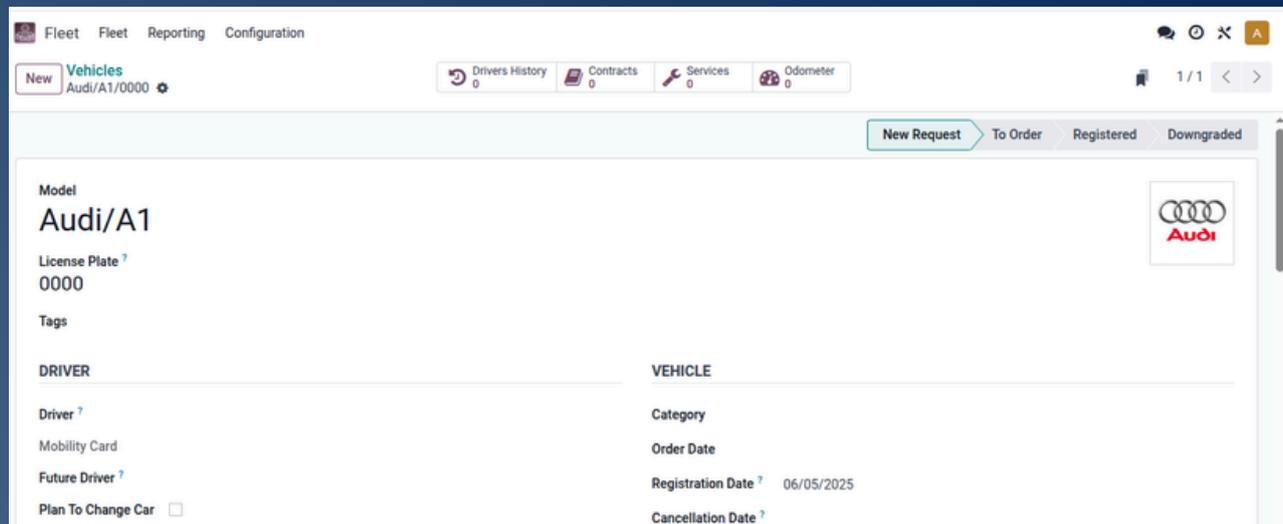
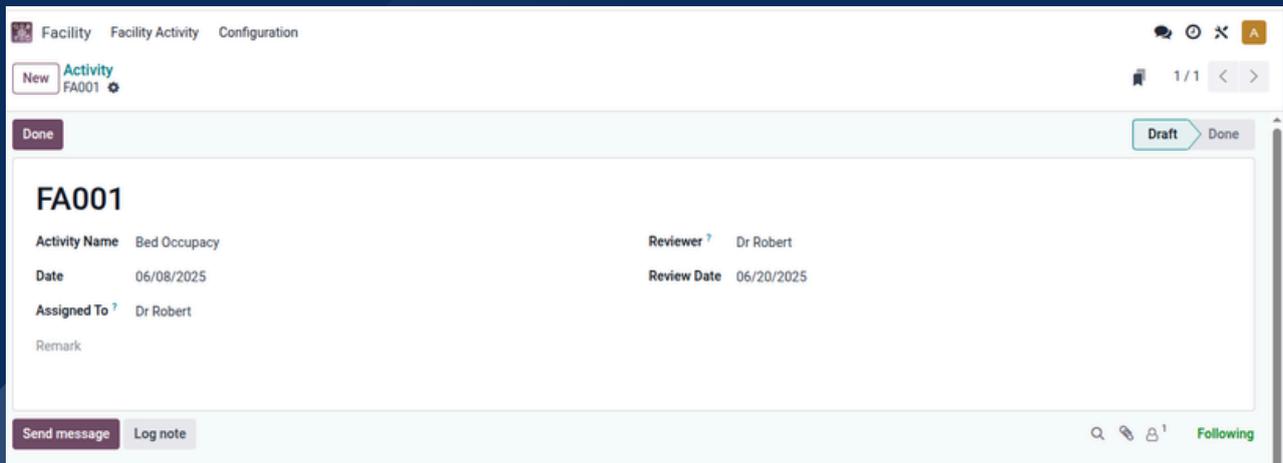
Intelligent Cost Splitting

- Deductible tracking
- Co-pay automation



12. FACILITY & FLEET MANAGEMENT

CODCrafters HMS provides comprehensive visibility and control over your healthcare infrastructure, combining facility operations with intelligent fleet management in a unified command center.



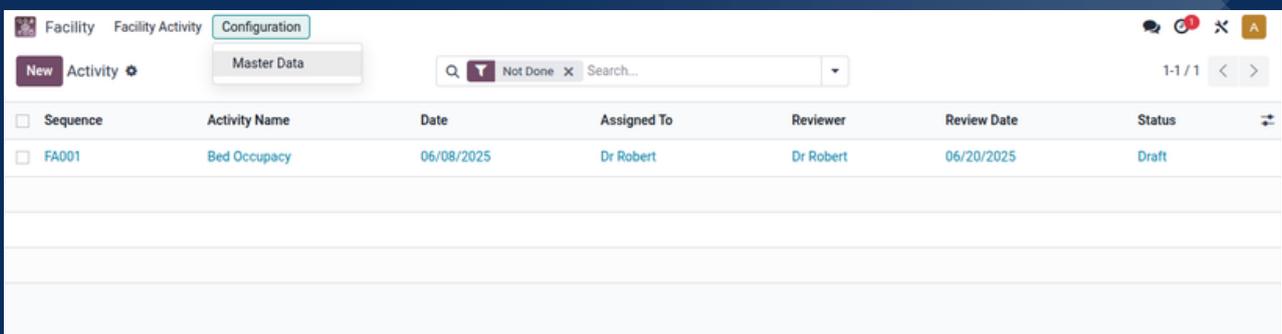
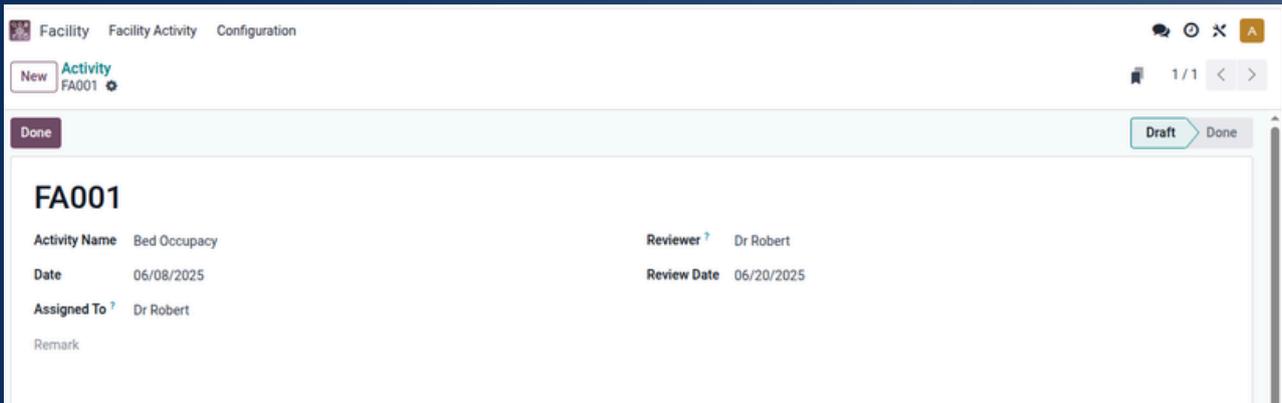
SMART FACILITY MONITORING

Real-Time Activity Tracking

- Facility analytics
- Maintenance task assignment
- Review cycle automation

Preventive Workflow Management

- Draft → Done status progression
- Remark logging for audit trails



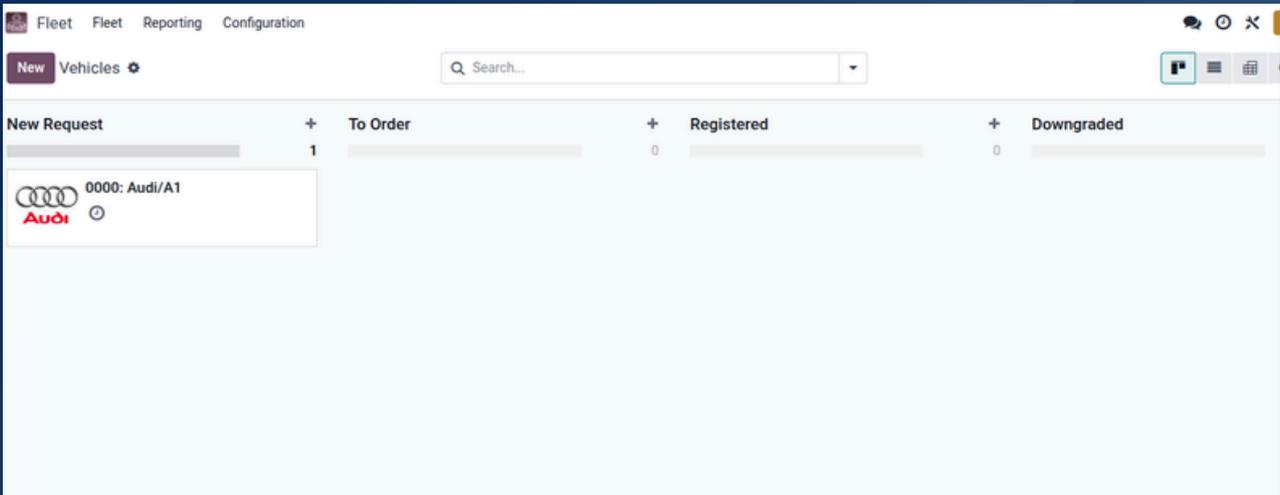
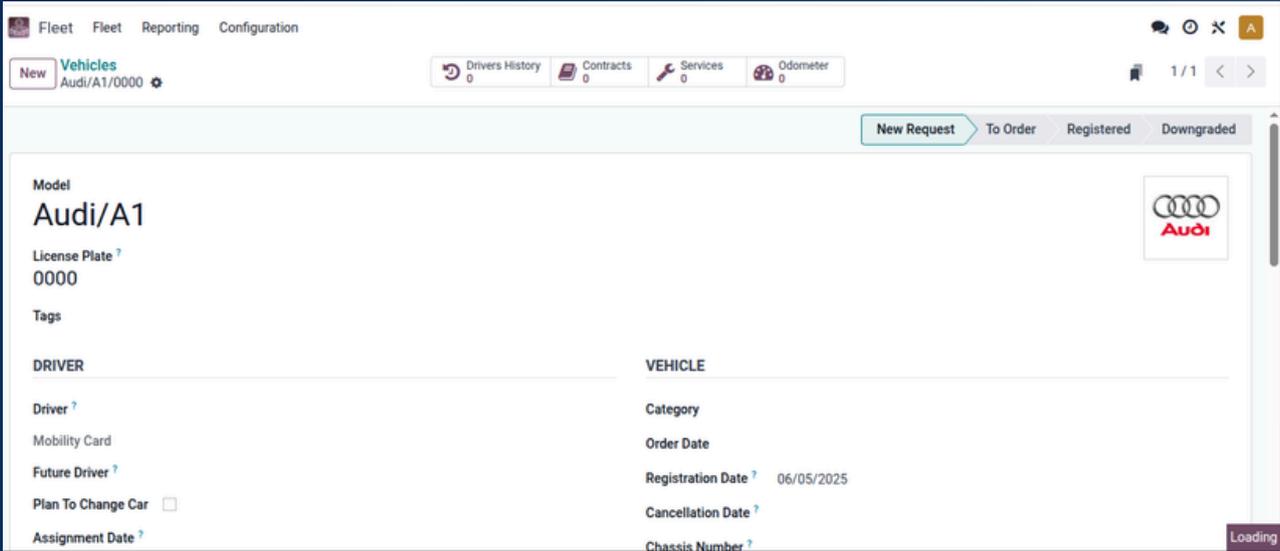
PRECISION FLEET CONTROL

Vehicle Lifecycle Management

- Registration to retirement tracking
- Driver-card pairing (Mobility Card)

Maintenance Orchestration

- Service contract integration
- Odometer-based scheduling



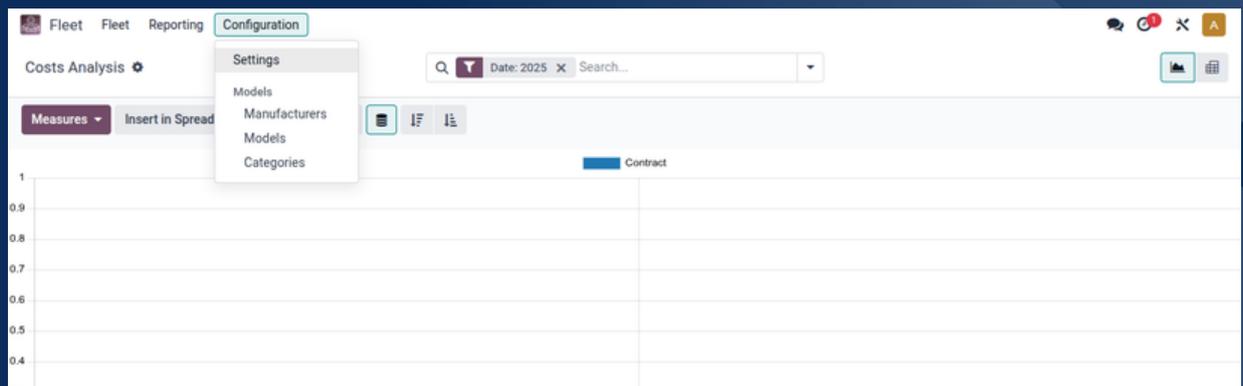
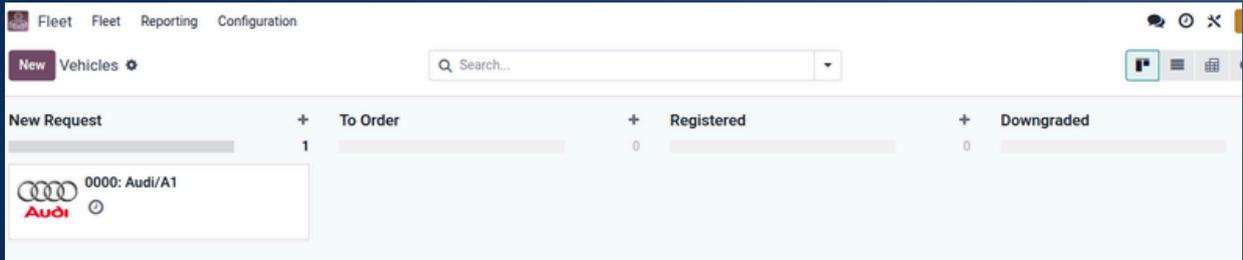
UNIFIED RESOURCE DASHBOARD

Emergency Dispatch Console

- Ambulance availability monitoring
- GPS-enabled fleet tracking

Asset Utilization Analytics

- Equipment downtime reporting
- Cost-per-mile calculations



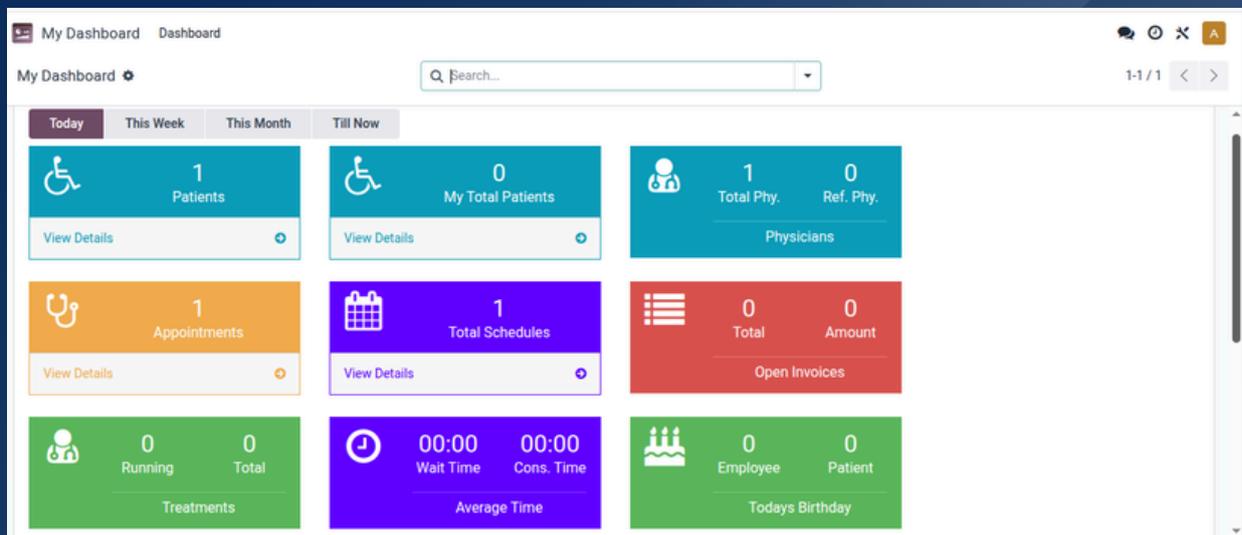
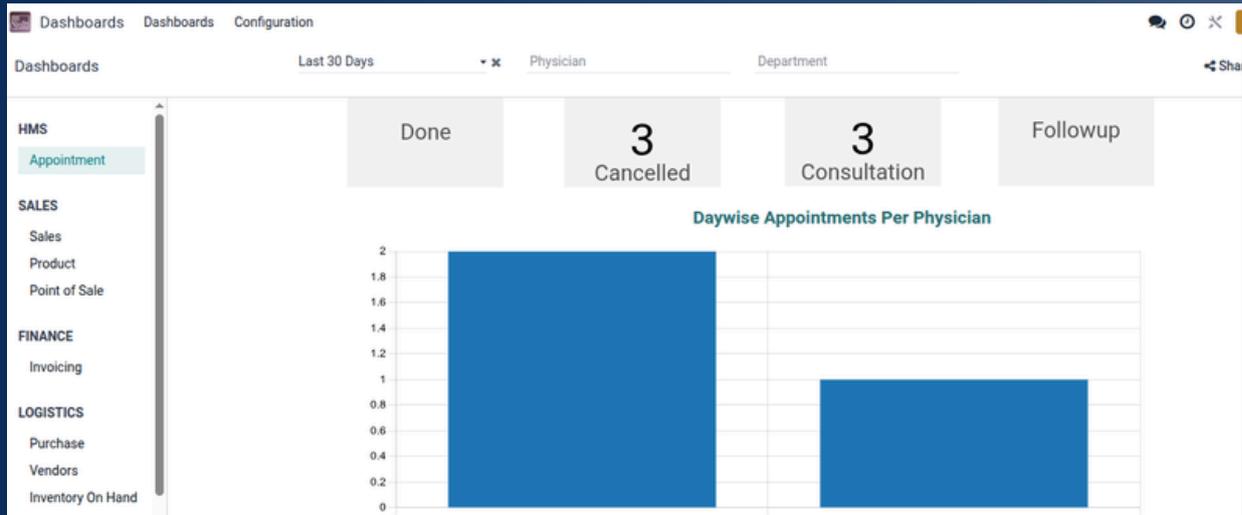
CLINICAL PRODUCTIVITY SNAPSHOTS

Patient Flow Analytics

- Today/Week/Month patient volumes
- Appointment backlog monitoring

Treatment Efficiency

- Procedure completion tracking
- Wait time vs consultation time ratios



SPECIALIZED DEPARTMENT MODULES



Gynecology:

Track prenatal, perinatal, and postnatal care, delivery plans, and gynecological histories.

Odontology:

Manage dental charts, procedures, appointments, and oral health records.

Paediatrics:

Record child growth, vaccinations, and pediatric-specific diagnoses.

Ophthalmology:

Track eye exams, vision correction, and optical prescriptions.

Physiotherapy:

Schedule and monitor sessions, exercises, and therapy progress.

Aesthetic Medicine:

Document cosmetic procedures and treatment outcomes.

MR (Medical Records):

Central repository for all clinical, surgical, and diagnostic records.

SUPPORTIVE FUNCTIONALITIES



Contacts & Employees:

HR and CRM modules to manage hospital staff, physicians, and patients efficiently.



Consent Forms & Certificates:

Digital document handling with e-signatures and automated template generation.



Subscription Management:

Ideal for private clinics offering membership-based care packages.



Invoicing:

Integrated financial tools for billing, insurance claims, and accounting.

COMMUNICATION & COLLABORATION



WhatsApp Integration:

Communicate with patients directly via WhatsApp.



Website & Online Booking:

Enable online appointment booking, service listings, and patient engagement.



Surveys:

Gather patient feedback and satisfaction ratings.



Calendar & Schedule Management:

Organize meetings, shifts, and departmental timetables.

WHY CHOOSE CODCRAFTERS HMS?

100% Modular

Deploy what you need, scale as you grow

Cloud-Ready

Access from anywhere, anytime

Customizable

Tailored to your hospital's unique workflows

Global Support

Multilingual, timezone-aware services

My Dashboard	Discuss	Calendar	Knowledge	Patient	Physician
Contacts	Emergency	Services	Medicines	Treatments	Appointment
Prescription	Vaccination	Surgery	Hospitalization	OT Booking	Nursing
Sales	Laboratory	Pharmacy	Radiology	Dashboards	Booking

CODCrafters

LET'S TRANSFORM HEALTHCARE TOGETHER

Whether you're a large hospital network or a small clinic, CODCrafters' HMS empowers you to deliver exceptional care while improving operational efficiency.

**THANK YOU
FOR YOUR
ATTENTION**