

XERPUM

Hospital Pharmacy

Enterprise Resource Planning

Complete integrated ERP solution for
hospital pharmacy industry

2000+

MODULES

AI

ASSISTANT

SaaS

/ ON
PREMISE

English Edition — brosur.xerpium.com

Hospital Management Ecosystem

XERPIUM HOSPITAL is an end-to-end hospital management solution — from patient registration, queue management, outpatient clinics, inpatient (ward/ICU), doctor prescriptions, pharmacy & dispensing, laboratory, radiology, billing, BPJS integration, to SatuSehat/Ministry of Health FHIR integration.

▣ Patients & Medical Record

Patient Profile — Extends res.partner: MR number, ID number, BPJS number, insurance

Demographics — Age, gender, blood group, religion, nationality

Medical Info — Allergies, chronic conditions, medical notes

Emergency Contact — Emergency name, phone, relation

Auto MR No. — Medical record number from automatic sequence

Insurance — BPJS number, insurance name & policy number

Lifetime History — Visit count, admission count, bill count

Blood Group — A+, A-, B+, B-, AB+, AB-, O+, O-

▣▣ Doctors & Outpatient Clinic

Doctor Master — Name, SIP, STR, specialization, department

License Tracking — SIP number & expiry, STR number

Consultation Fee — Consultation fee per doctor

Department/Clinic — Outpatient, Inpatient, ER, Lab, Radiology, Pharmacy, Surgery, ICU

Head of Dept — Department head per clinic

Visit Count — Number of visits per doctor (computed)

Contact & Photo — Doctor phone, email, photo

Active/Inactive — Doctor practice status

□ Ward & Inpatient Rooms

Room Types — VIP, VVIP, Class 1, Class 2, Class 3, ICU, NICU, Isolation, ER

Capacity — Number of beds per ward

Rate/Night — Stay rate per night

Status — Available, Occupied, Maintenance

Floor & Building — Ward location within building

Department Link — Ward per department

Occupied Count — Number of active patients per ward

Notes — Ward facility notes

□ Pharmacy Master & ICD-10

Medicine/Drug — Prescription/OTC drugs, narcotics, psychotropics, medical devices

Generic & Brand — Generic name (INN) & brand, manufacturer

BPOM Reg — Registration number BPOM

Dosage — Tablet, capsule, syrup, injection, cream, drops

Strength — Dosage strength (e.g., 500mg)

Storage — Special storage conditions

Controlled Substance — Narcotics/psychotropics tracking

ICD-10 Catalog — International diagnosis code

Queue Management

Patient Queue — Automatic queue number per date & clinic

Priority — Normal, Urgent, Emergency

Status Flow — Waiting → Called → In Progress → Done / Skipped

Call Time — Time called to clinic

Create Visit — Create a visit straight from the queue

Payment Type — General, BPJS, Insurance

Daily Number — Auto increment per day & department

Arrival Time — Patient arrival time

Outpatient Visit

Visit Record — Date, doctor, clinic, payment type

Vital Signs — Blood pressure, pulse, temperature, RR, SpO2, weight, height, BMI

Anamnesis — Chief complaint, medical history

ICD-10 Diagnosis — Multi diagnosis with primary flag

Main Diagnosis — Primary diagnosis of the visit

SOAP — Subjective, Objective, Assessment, Plan

Status Flow — Draft → Waiting → In Examination → Done / Cancelled

Referrals — Referral to specialist, hospital, lab, radiology

▣ Prescription & Medication Orders

Prescription — Doctor's prescription: medicine, dose, route, duration, instructions

Dosage — 3x1, 2x1, etc. with instructions (before/after meals)

Route — Oral, IV, IM, SC, Topikal

Diagnosis Link — Diagnosis related to the prescription

Allergy Check — Patient allergy notes

Workflow — Draft → Confirmed → Dispensing → Dispensed / Cancelled

Dynamic Stage — Configurable workflow per prescription

Allergy Note — Allergy warning on prescriptions

▣ Lab & Radiology Orders

Lab Order — Patient, doctor, test type, sample type, status

Sample Types — Blood, Urine, Stool, Sputum, Swab

Lab Workflow — Draft → Ordered → Sample Collected → Processing → Resulted → Verified

Test Results — Result value, normal range, flag (normal/low/high/critical)

Radiology Order — Radiology examination order

Clinical Notes — Clinical notes for doctors

Result Dates — Sample collection & result timestamps

□ Inpatient Admission

Admission — Doctor on duty, ward, bed number, payment type

Diagnosis — Admission & discharge diagnosis with ICD-10

Status Flow — Draft → Admitted → In Ward → ICU → Discharged / Cancelled

LOS — Length of Stay in days (auto-computed)

Discharge Condition — Recovered, Improved, Referred, AMA, Died

Dynamic Stage — Configurable workflow stages

Expected Discharge — Target exit date

Anamnesis — History & treatment summary

□ Vital Sign Monitoring

Periodic Monitoring — BP systolic/diastolic, pulse, temperature

Respiratory — Respiratory rate, oxygen saturation SpO2

Blood Glucose — Blood sugar (mg/dL)

Urine Output — Output urine (cc)

Pain Scale — 0-10 pain scale assessment

Consciousness — Alert, Apathetic, Somnolent, Stupor, Coma

Nurse Record — Nurse recording the monitoring

Timestamps — Date/time of each monitoring

☐ Medical Procedure

Procedure Catalog — Medical procedure: code, category, price, duration

Categories — General, Surgery, Diagnostic, Therapy, Emergency, Nursing

Procedure Record — Doctor, nurse, date, duration, price

Status — Planned → In Progress → Done / Cancelled

Notes — Pre & post procedure notes

Product Link — Linked product for invoicing

Department — Procedures per department

Catalog Auto Fill — Auto-fill price & duration from catalog

☐ Billing & Invoice

Patient Bill — Total bill: subtotal, discount, tax, total, paid, due

Bill Lines — Consultation, Procedure, Medicine, Lab, Radiology, Room, Nursing

Payment Methods — Cash, Transfer, BPJS, Insurance, Debit/Credit Card

Insurance Coverage — Coverage amount, BPJS, insurance

Auto Room Charge — Room charge automatically at admission discharge

Add Procedures — Add procedure cost to bill

Add Medicines — Add medicine cost from dispense

Create Invoice — Generate account.move invoice

☐ Drug Dispensing

Dispense — Medicine dispensing from pharmacy to patient

Pharmacist — Pharmacist in charge

Prescription Link — Dispense based on doctor's prescription

Batch/Lot — Track batch number & expiry date

Qty Tracking — Qty prescribed vs qty dispensed

Stock Integration — Automatically create stock picking from pharmacy

Status — Draft → Dispensed → Partially Returned → Cancelled

Unit Price — Price from product.lst_price

☐ Medicine Catalog

Categories — Prescription drugs, OTC, limited OTC, narcotics, psychotropics, medical devices, consumable supplies

Generic Name — Generic name (INN)

BPOM Registration — BPOM registration

Dosage Form — Tablet, capsule, syrup, injection, cream, suppository, drops, inhaler, patch

Strength — Dosage strength per unit

Min Stock — Minimum stock alert

Expiry Tracking — Track expiry dates

Therapeutic Class — Therapeutic class

□ Referral Management

Referral Letter — Referral letter: to specialist, hospital, lab, radiology

BPJS Referral — Referral in BPJS format

Diagnosis — Diagnosis & reason for referral

Anamnesis Summary — Anamnesis summary

Treatment Given — Therapy already given

Status — Draft → Issued → Cancelled

Auto Sequence — Automatic referral number

Doctor Info — Referring doctor & referral destination

□ Discharge Summary

Discharge Condition — Recovered, Improved, Referred, AMA, Died

Discharge Diagnosis — ICD-10 diagnosis code & name

Treatment Summary — Summary of care during inpatient stay

Procedures — Medical procedures performed

Medications — Medicines given

Follow-up Plan — Follow-up control plan

Auto LOS — Automatic length of stay

Ward Release — Ward status automatically available

BPJS Health Integration

Eligibility Check — Check BPJS participant eligibility (VClaim/PCare API)

BPJS Referral — Create BPJS referral (origin facility, destination, clinic, diagnosis)

BPJS Claim — Outpatient, inpatient, ER, procedure, medicine, lab claims

VClaim API — Check participant, insert billing, create referral

PCare API — PCare visits & eligibility

SEP Number — SEP number per BPJS visit

Claim Status — Draft → Submitted → Processing → Approved/Rejected → Paid

Config — VClaim & PCare URL, credentials, facility code

SatuSehat / FHIR Integration

FHIR Patient — Sync patients to SatuSehat (ID number, MR, demographics)

FHIR Encounter — Encounter per visit/admission (AMB, EMER, IMP, etc.)

FHIR Practitioner — Doctors & medical staff to FHIR

FHIR Location — Ward & clinic locations to FHIR

FHIR Organization — Hospital organization

FHIR Condition — ICD-10 diagnosis to FHIR Condition

FHIR Medication — Medicine & dispensing to FHIR

FHIR Observation — Vital sign & lab results

📁 FHIR Resources

Composition — Structured clinical documents

Clinical Impression — Clinical assessment

Service Request — Lab & radiology orders

Procedure — Medical procedure

Allergy Intolerance — Patient allergies

Medication Request — Medicine prescription

Medication Dispense — Medicine dispensing

OAuth 2.0 — Auto token management with caching

📁 API Management

Sandbox/Prod — Environment switch development & production

OAuth Token — Auto-get & cache access token

Retry Logic — Auto retry 3x on 429/500/502/503 errors

API Log — Log of all requests to SatuSehat

Sync State — Draft/Synced/Error per resource

CRUD FHIR — Create, Read, Update, Delete, Search resources

Error Tracking — Sync error message & timestamp

Config per Company — Multi-company support

Hospital ↔ Accounting

Bill → invoice account.move (out_invoice) automatically

Insurance coverage vs amount due computation

Payment tracking: paid, partial, unpaid

Revenue per department/clinic analysis

Hospital ↔ Inventory

Drug dispensing → automatic stock picking

Min stock alerts for medicine & medical supplies

Batch/lot & expiry date tracking

Pharmacy stock management

Hospital ↔ Purchase

Purchase request for medicine & pharmaceuticals

Reorder rules for min stock

Pharmacy/medical device supplier management

Blanket order for distributor contracts

Hospital ↔ Dynamic Stage

Visit, Admission, Prescription: configurable stages

Stage-aware actions: create bill, dispense, discharge

RBAC per stage per model

Kanban view per stage

Hospital ↔ Dashboard

Outpatient & inpatient KPIs

Bed occupancy rate

Revenue per clinic/doctor

BPJS claim status overview

Hospital ↔ Reporting

IB-9 & IB-10 morbidity reports

BPJS & SatuSehat Reports

Prescription & dispense report

Revenue & billing report

Xerpium ERP — xerpium.com

Contact us for a free demo

📞 **WhatsApp: +62 818-0918-2752** | ▶ **@xerpium_id**

Generated 2026-10-27