



# KPJ – PMS (Patient Management System)

**Presented by -**

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Manager - Pharmacy Services,  
KPJ Specialized Hospital, Bangladesh.

**“Welcome To KPJ SH”**

Username

Password

**LOGIN**

## PMS

- A specialized software platform designed to be the operational core of a modern pharmacy.
- It moves beyond simple dispensing to integrate and automate the entire patient care lifecycle, from prescription drop-off to long-term health outcomes.



## Why a Modern PMS?

A modern PMS is the engine for **Organizational Excellence**, enabling us to:

- **Streamline Core Processes:** Automate prescriptions, inventory, and billing.
- **Empower Clinical Excellence:** Free up pharmacist time for patient care.
- **Enhance Patient Experience:** Offer digital convenience and proactive communication.
- **Ensure Data-Driven Decisions:** Utilize analytics for inventory, financials, and service quality.

## Goal for Excellence

- **S**pecific: Automate 100% of prescription processing to minimize errors.
- **M**easurable: Achieve an ***80% reduction in manual tasks***.
- **A**chievable: Supported by dedicated budget, vendor partnership, and staff training.
- **R**elevant: Directly reduces administrative burden, cuts errors, and improves patient satisfaction.
- **T**ime-bound: Full implementation and goal achievement within **6 months**.

1

## Hand Written Prescription

**KPJ Dhaka**  
Specialized Hospital  
C/12, Tetuibari, Kashimpur, Gazipur, Bangladesh.

**OUTPATIENT RECORD**

Doctor Name: **Dr. Mst. Sohali Akther Ali**  
MBBS, Diploma (Dermatology & Venereology)  
Sessional Specialist, Dermatology

Date: 3-November-2025  
Episode: 14

Patient Name: **MOST HALIMA AKTER** MRN: 119329 GENDER: F AGE: 33 Y 6 M 20 D

H(CM): . W(KG): 72 BMI: INF Pulse: BP: /0 Temp(F): 97.2 SPO2: RR:

**CLINICAL DETAILS**

**DIAGNOSIS**  
TINEA CRURIS

**MEDICATION ADVISE**

1. Cefaclav (Cefuroxime 500 mg + Clavulanic Acid 125 mg Tablet)  
1+0+1, 7 days
2. Fenadin 180(Fexofenadine 180mg Tablet)  
1+0+0, 1MONTH
3. Telfin(Terbinafine Hydrochloride 1%)  
APPLY LOCALLY TWICE DAILY, 1MONTH *২০০০*
4. Roxyzin (Hydroxyzine 10mg Tablet)  
0+0+1, 1 month,
5. CANDIFAST SB(Itraconazole Super bioavailable 65MG Capsule)  
1+0+1, 1 month,
6. Mycofast (Sertaconazole 2%)  
apply twice daily on affected area, 1 month, *২০০০*

Name: *Tamil sharif* Age: 307 Sex: M Date: 29.10.20

*Tingling & hands  
Pain heel 4*

*Q.14*

*Bizoran 5/20*

*E. aspin*

*by viz*

*110/90*

*Rx 1) Tab. Losita 10  
1+0+0 = 2000*

*2) Tab. Temil 3  
0+0+2 = 2000*

*3) Tab. Bush  
1+0+2 = 3000*

*20/10/20*

Adv. Blood-CBC, RBS, HbA1c, Blood C/S  
S. Creatinine, S. Lipid Profile, CXR, ECG  
ECHO, US of W/A, Urine RE/ME/CS  
CT Scan, MRI  
Others: *5/5/5*

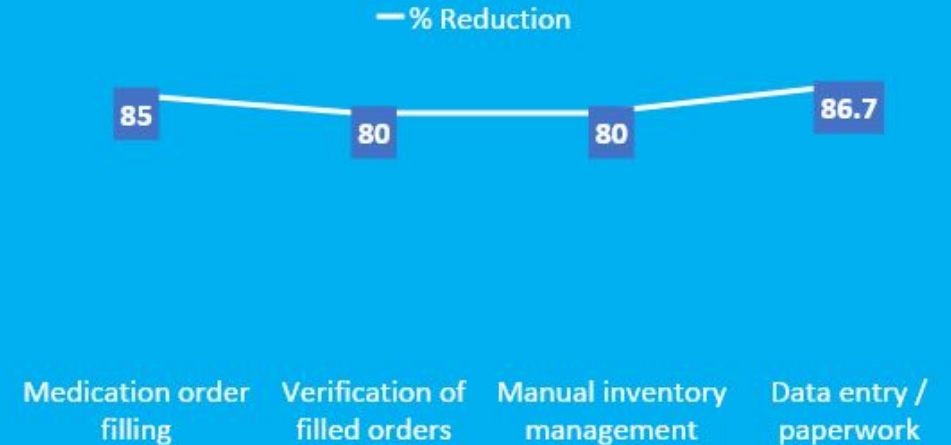
## PMS generated Prescription

2

3

80% reduction in manual tasks


## % Reduction in manual task




10 th Edition

CAH TECH 2025







Available Generic  
(1426)




ipd  
(77)




OPD Sale




Expired Medicine  
(2642)




OT  
(448)




Add Supplier




Slow Moving Medicine  
(631)




OT  
(12)




Add Stock




Low Stock Items  
(350)



Pending Request  
(250)



Scan Prescription



1

Route

Instruction

4

Change Medicine Type(if Require)

-Select-

-Select-

Reuse

SOS

00:00

01:00

02:00

03:00

04:00

05:00

06:00

07:00

08:00

09:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

21:00

22:00

23:00

ADD

ADD SET

S.No	Patient's Name	MRN	Doctor's Name	Admission Date	Room No	Bed No	Days Staying	Medicine	Special	Careshop	Dis Medi	Stock Use
1	MIROZ SHEKH	469508	Dr. Mohammad Arifur Rahman Nayeem	11/06/2025	CARDIAC HIGH DEPENDENCY UNIT-2	CARDIAC HIGH DEPENDENCY UNIT-2	+0 days	Medi	Special	Careshop	Discharge Note Not Confirmed	Stock Use
2	MD SHAHADAT HOSSAIN	121322	Dr. Mohammad Arifur Rahman Nayeem	11/06/2025	CARDIAC HIGH DEPENDENCY UNIT-3	CARDIAC HIGH DEPENDENCY UNIT-3	+3 days	Medi	Special	Careshop	Discharge Note Not Confirmed	Stock Use
3	milon mollah	447438	Dr. M.M Sunny	11/06/2025	CARDIAC OBSERVATION UNIT-1	CARDIAC OBSERVATION UNIT-1	+0 days	Medi	Special	Careshop	Discharge Note Not Confirmed	Stock Use
4	ISRAT JAHAN FARIBA	381522	Dr. Shabnam Rahman	11/05/2025	DMND (B)	6B18A	+1 days	Medi	Special	Careshop	Discharge Note Not Confirmed	Stock Use

Age:

26 Y 5 M 25 D

Admission Date:

09/11/2025 10:15:02

Gender:

F

Phone NO:

1770095780

Room Type:

MS(MATERNITY SUITE)

Bed No:

4C06

Medication Form

Date

11/09/2025

Medication

Acyclovir 200mg Tablet

Route

Oral

Instruction

Caution

☐ Regular

☒ High Alert Medication

Time

10:00

Quantity

10

Confirm

Doctors's Name :

Dr. Md. Shariful Islam

Patient's Name :

RUNA

Patient's MRN:

470455

Patient's Episode:

1

Medication Form

Medicine

Frequency

Tapering Doasge

Duration

Food Relation

1+1+1 for 3 days

1/2+1/2+1/2 for next 2 days

0+0+1/2 for nocy 2 days |

ADD

ADD SET

S.No

MEDICINE NAME

Instruction

DELETE

Details

1

ESITA 10 (Escitalopram 10mg Tablet)

১/২ + ০ + ০ (৪ দিন তারপর ) (১ + ০ + ০ - ৬ মাস ) E

DELETE

Details

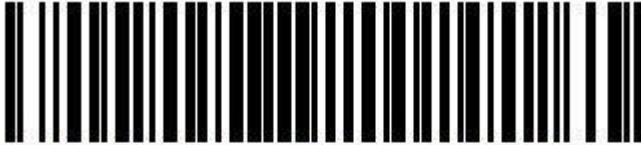
2

Losectil MUPS (Omeprazole 20 mg mups tablet)

১ + ০ + ১ (১ মাস) () E

DELETE

Details




1014782931

10/11/25(23:00)

MRN: 363775

Batch: ANW5025

Flucloxacillin 500 mg injection



10 th Edition

CAHTECH

2025

Patient Details Information

Name - ABDUL KARIM

MRN - 470615

Admit Under - Dr. Mohammad Arifur Rahman Nayeem

Bed - CARDIAC OBSERVATION UNIT-2

Medicine				
#	Medicine	Dose	Time	Route
1	<div><div><div></div></div>Salbutamol 2.5mg + Ipratropium 0.5mg Neb/Soln1026883260</div>	TDS	08:00	Nebulizer
2	<div><div><div></div></div>Ceftriaxone 1gm IV Injection1026883258</div>	slowly, BD(SF-10/11/2025)	09:00	Intravenous
3	<div><div><div></div></div>Calcium Gluconate 10 % Injection1026883294</div>	STAT	09:00	Intravenous
4	<div><div><div></div></div>Dextrose 25% 100 ml infusion1026883295</div>	STAT	09:00	Intravenous
5	<div><div><div></div></div>Insulin (Human) R 100U/ml 10 ML VIAL1026883296</div>	10 unit STAT	09:00	Intravenous
6	<div><div><div></div></div>Salbutamol 2.5mg + Ipratropium 0.5mg Neb/Soln1026883261</div>	TDS	14:00	Nebulizer
7	<div><div><div></div></div>Ceftriaxone 1gm IV Injection1026883259</div>	slowly, BD(SF-10/11/2025)	21:00	Intravenous
8	<div><div><div></div></div>Salbutamol 2.5mg + Ipratropium 0.5mg Neb/Soln1026883262</div>	TDS	22:00	Nebulizer
9	<div><div><div></div></div>Pethidine 100mg/2ml Injection</div>	25mg sos	SOS	Intravenous

MEDICATION RFID Scan

RFID: 

Scan RFID

Served Medicine From Pharmacy				
#	Medicine	Dose	Time	Route
1	<div><div><div></div></div>Enoxaparin 60mg/0.6ml injection1049133122</div>	1 PFS S/C BD	01:00	Sub Cutaneous
2	<div><div><div></div></div>Sodium chloride 0.9% IV Infusion 1000ml1056833216</div>	sos	04:00	Intravenous
3	<div><div><div></div></div>Sodium chloride 0.9% IV Infusion 1000ml1056833217</div>	sos	04:00	Intravenous
4	<div><div><div></div></div>Norepinephrine Tartrate 2 mg/ ml IV infusion1056833219</div>	Acc. to BP	04:00	Intravenous
5	<div><div><div></div></div>Dopamine Hydrochloride 200mg/5ml IV Injection1056833220</div>	Acc. to BP	04:00	Intravenous
6	<div><div><div></div></div>Pantoprazole 40mg Injection1049133124</div>	BD	06:00	Intravenous
7	<div><div><div></div></div>Enoxaparin 60mg/0.6ml injection1049133123</div>	1 PFS S/C BD	13:00	Sub Cutaneous
8	<div><div><div></div></div>Clopidogrel Bisulphate 75 mg Tablet1049133117</div>	0+1+0,AM	14:00	Oral
9	<div><div><div></div></div>Atorvastatin 20 mg Tablet1049133118</div>	0+0+1,BM	20:00	Oral
10	<div><div><div></div></div>Pantoprazole 40mg Injection1049133125</div>	BD	20:00	Intravenous

Patient Details Information

Name - JHORNA SARKAR

MRN - 470616

Admit Under - Dr. K M Adnan Bulbul

Bed - 5A11

Medicine				
#	Medicine	Dose	Time	Date
1	<div><div><div></div></div>Betahistine 8 mg Tablet</div>	1+1+1	15:00	2025-11-10
2	<div><div><div></div></div>Betahistine 8 mg Tablet</div>	1+1+1	23:00	2025-11-10
3	<div><div><div></div></div>Palonosetron 0.25mg Injection</div>	sos ans od	SOS	2025-11-10
4	<div><div><div></div></div>Palonosetron 0.25mg Injection</div>	sos ans od	07:00	2025-11-10
5	<div><div><div></div></div>Esomeprazole 40 IV/IM Injection</div>	bd	22:00	2025-11-10
6	<div><div><div></div></div>Meclizine 50mg Tablet</div>	1+0+1	20:00	2025-11-10
7	<div><div><div></div></div>Cinarizine 20mg + Dimenhydrinate 40mg Tablet</div>	1+0+1	21:00	2025-11-10

MEDICATION RFID Scan

RFID: 

Scan RFID

Served Medicine From Pharmacy				
#	Medicine	Dose	Time	Date
1	<div><div><div></div></div>Palonosetron 0.25mg Injection</div>	OD AND SOS	SOS	2025-11-09
2	<div><div><div></div></div>Prochlorperazine 12.5mg/ml</div>	TDS	22:00	2025-11-09

Patient Details Information

Name - ABDUL KARIM

MRN - 470615

Admit Under - Dr. Mohammad Arifur Rahman Nayeem

Bed - CARDIAC OBSERVATION UNIT-2

Medicine By Doctor				
#	Medicine	Dose	Time	Route
1	<div><div><div></div></div>Enoxaparin 60mg/0.6ml injection1049133122</div>	1 PFS S/C BD	01:00	Sub Cutaneous
2	<div><div><div></div></div>Sodium chloride 0.9% IV Infusion 1000ml1056833216</div>	sos	04:00	Intravenous
3	<div><div><div></div></div>Sodium chloride 0.9% IV Infusion 1000ml1056833217</div>	sos	04:00	Intravenous
4	<div><div><div></div></div>Norepinephrine Tartrate 2 mg/ ml IV infusion1056833219</div>	Acc. to BP	04:00	Intravenous
5	<div><div><div></div></div>Dopamine Hydrochloride 200mg/5ml Injection1056833220</div>	Acc. to BP	04:00	Intravenous
6	<div><div><div></div></div>Salbutamol 2.5mg + Ipratropium 0.5mg Neb/Soln1026883260</div>	TDS	06:00	Nebulizer
7	<div><div><div></div></div>Ceftriaxone 1gm IV Injection1026883258</div>	slowly, BD(SF-10/11/2025)	09:00	Intravenous
8	<div><div><div></div></div>Calcium Gluconate 10 % Injection1026883294</div>	STAT	09:00	Intravenous
9	<div><div><div></div></div>Dextrose 25% 100 ml Infusion1026883295</div>	STAT	09:00	Intravenous
10	<div><div><div></div></div>Insulin (Human) R 100U/ml 10 ML VIAL1026883296</div>	10 unit STAT	09:00	Intravenous
11	<div><div><div></div></div>Enoxaparin 60mg/0.6ml injection1049133123</div>	1 PFS S/C BD	13:00	Sub Cutaneous
12	<div><div><div></div></div>Clopidogrel Bisulphate 75 mg Tablet1049133117</div>	0+1+0,AM	14:00	Oral
13	<div><div><div></div></div>Salbutamol 2.5mg + Ipratropium 0.5mg Neb/Soln1026883261</div>	TDS	14:00	Nebulizer
14	<div><div><div></div></div>Atorvastatin 20 mg Tablet1049133118</div>	0+0+1,BM	20:00	Oral

MEDICATION RFID Scan

RFID: 

Scan RFID

Medicine Given to Patient				
#	Medicine	Dose	Time	Route
1	<div><div><div></div></div>Pantoprazole 40mg Injection1049133124</div>	BD	06:00	Intravenous

Pharmacy Stock			
S.No	Medicine Code	Medicine Name	Stock Table
1	51840001	Domperidone 10mg Tablet	3546
2	51840002	Aluminium Hydroxide 200mg +	96
3	51840003	Aluminium Hydroxide 425.53mg	332
4	51840006	Amoxicillin 125mg/5ml PFS	10
5	51840008	Amoxicillin 500 mg Capsule	36
6	51840009	Amoxicillin 500mg + Clavulanic	667
7	51840010	Aminocaproic Acid 2gm/2ml	136

## ***SCALABILITY & EXPANSION***

- **Multi-Location Support** – Centralized database for chain pharmacies.
- **Modular Architecture** – Add features like telemedicine.
- **Cloud-Based Flexibility** – Scale storage and users as needed.
- **Interoperability** – Seamless integration with billing and inventory systems.

## ***RELIABILITY***

- **>99.9% Uptime:** Cloud redundancy ensures we are always open for business.
- **Data Security & Integrity:** Automated, encrypted backups and strict access controls protect patient data.
- **Rapid Disaster Recovery:** Guaranteed business continuity with minimal downtime.
- **Proactive Monitoring:** 24/7 system health checks prevent issues before they start.

**SO PATIENTS AND STAFFS CAN ALWAYS DEPEND ON OUR SYSTEM**

*“Efficient patient care begins with unified teamwork and seamless*

## *collaboration”* **(Upcoming)**

**Introduction of AI in the medication alarm process when medication is due beyond the assigned schedule**

**Introduction of PUSH NOTIFICATION in the nurses panel and assigned cell phones if medication is due beyond the assigned schedule**

## **Expected Outcomes:**

**Robust, Data-Driven Operations**

**Higher Efficiency**

**Enhanced Patient Care & Satisfaction**

**The KPJ – PMS is not just a software,  
it's our strategic commitment to *Organizational Excellence*.**