



Dotmark Medical Solutions (DMS) Pharmacy Manual

"Easy, Quick and Efficient"

At DMS we strive to facilitate and streamline all your enterprise needs to achieve excellent care delivery and clinical productivity.

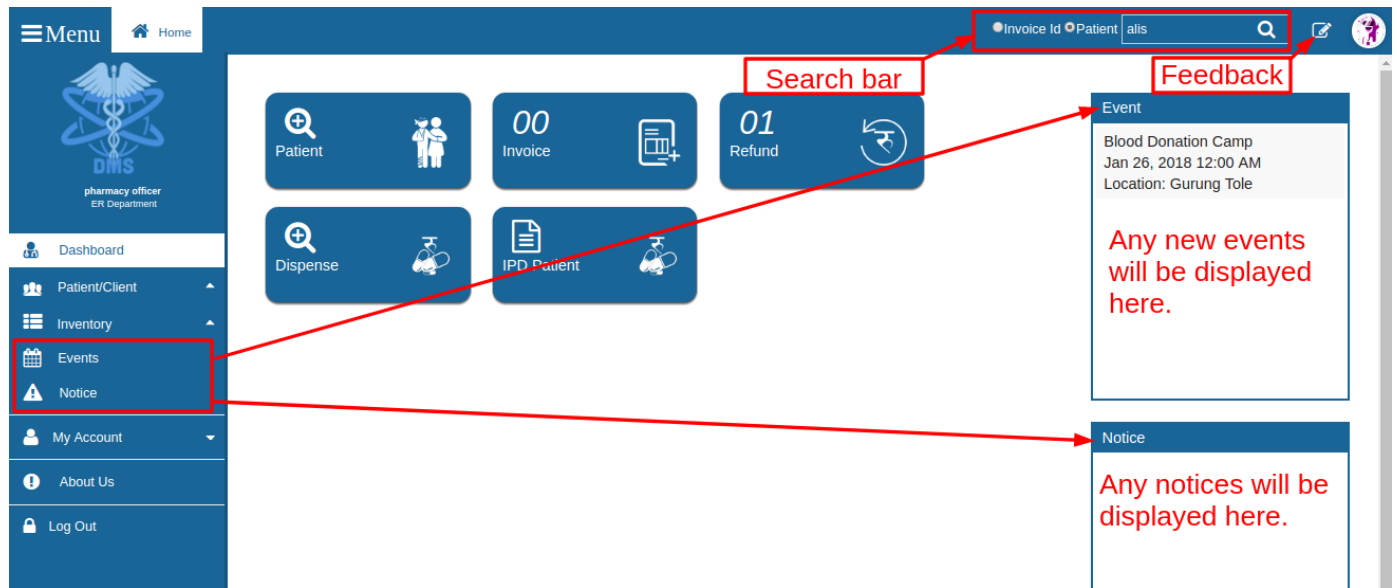
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Introduction

After logging in, you will be navigated to the DMS dashboard. DMS dashboard contains tools that can be used for many purposes. These all will be individually discussed in this manual.

Pharmacy can scan NFC card directly to view the patient details from this screen. NFC card won't work on other screens.



Click on the icon on the top-right corner of the screen to view options related to the user account.

Clicking log out will sign you off from the session and redirect you to the log in page.



Feedbacks

Feedbacks for improving DMS system, error reporting and additional comments can be sent. Press feedback icon on the top right corner next to the Search bar and fill up the form.

Feedbacks

Name

Feedback Type

Please Select

Feedback

Your Feedback

Save

Cancel

Events and Notices

Upcoming events and notices can be easily added to the dashboard. On the side bar scroll down, find Events and Notice. Click on them and fill up the form as required and post it on the dashboard.

NOTE: Every account holder can view this on their dashboard and could be super useful, so it should be properly utilized.

Add Events

Start Time

End time

Venue

Description

Add Event

List of Events

Start time	Venue	Description	End Date	Action
No data available in table				

Add Notice

From

Start Time

To

End Time

Description

Add Notice

List of Notice

Start time	Venue	Description	End Date	Action
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These messages will be posted for certain time only. From and To indicates start date and end date respectively of that message .

Searching an Existing Patient/Payments

Search patient using their patient name or an invoice id. Click on the patient to view the patient's detail as shown in the image below.

Invoice Id

Patient

alis

Q

Alis Khadka

Prescriptions (collapse)

View Printable Version HTML

Order List

Check All

Clear All

Drug	Created Date	Changed Date	Dosage	Qty.	Unit	Provider
<input checked="" type="checkbox"/> Drug One	2018-02-13	2018-02-13		120	2	Animesh
<input checked="" type="checkbox"/> THREE WAY STOPCOCK	2018-02-13	2018-02-13	2	2	1	Animesh

Drug Sales (collapse)

Drug	Quantity	Fee	Sale Date
None			

Allergies (collapse)

Title	Begin	End	Coding (click for education)	Status	Occurrence	Referred By	Modify Date
iodine	2018-02-21		ICD9:250.30 (Diabetes with other coma, type II or unspecified type, not stated as uncontrolled)	Active	Early Recurrence (<2 Mo)	Hives	2018-02-13 01:08:30
codeine	2018-02-21		ICD9:600.01 (Hypertrophy (benign) of prostate with urinary obstruction and other lower urinary tract symptoms (LUTS))	Active	First	Nausea	2018-02-13 01:09:02

Medical Problems (collapse)

Title	Begin	End	Coding (click for education)	Status	Occurrence	Referred By	Modify Date
asthma	2018-02-06		ICD9:E000.1 (Military activity)	Active	Late Recurrence (2-12 Mo)	Dr. Philip	2018-02-13 01:09:40

Medications (collapse)

In the image below, Check All | Clear All on top of the screen, checks all or clears all the drugs. These selected drugs can be now printed out using View Printable Version HTML button.

Alis Khadka

Prescriptions (collapse)

View Printable Version HTML

Order List

Check All

Clear All

Drug	Created Date	Changed Date	Dosage	Qty.	Unit	Provider
<input checked="" type="checkbox"/> Drug One	2018-02-13	2018-02-13		120	2	Animesh
<input checked="" type="checkbox"/> THREE WAY STOPCOCK	2018-02-13	2018-02-13	2	2	1	Animesh

Drug Sales (expand)

"Check All" example

Allergies (expand)

Title	Begin	End	Coding (click for education)	Status	Occurrence	Referred By	Modify Date
iodine	2018-02-21		ICD9:250.30 (Diabetes with other coma, type II or unspecified type, not stated as uncontrolled)	Active	Early Recurrence (<2 Mo)	Hives	2018-02-13 01:08:30
codeine	2018-02-21		ICD9:600.01 (Hypertrophy (benign) of prostate with urinary obstruction and other lower urinary tract symptoms (LUTS))	Active	First	Nausea	2018-02-13 01:09:02

Medical Problems (collapse)

Title	Begin	End	Coding (click for education)	Status	Occurrence	Referred By	Modify Date
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The Order List option will display all the pending payments of the patient's prescriptions. It can also be used to add new drugs or delete drugs. In addition, payment can also be done for the pending drugs using Dispense button.

All Sale Drugs								
	S.N	Sale Id	Inventory Id	Drug Name	Quantity	Fee	Tax Rate	Sale Price
<input type="checkbox"/>	1	77	579	Drug One	120	5400.00	2%	5508
							Total	5508
<div><div>Add Drugs</div><div>Delete Drugs</div><div>Dispense</div><div>Back</div></div>								

Any drug shown in this list requires a payment which can be paid from Dispense button.

Press Add Drug shown in the above image to add new item on the list. Adding a drug requires user to fill in all the details regarding that drug. Press Submit when done.

New Order Sale																						
Starting Date	<input type="text" value="13"/>	<input type="text" value="02"/>	<input type="text" value="2018"/>																			
	Day	Month	Year																			
Drug Name	<input type="text" value="Drug name"/>																					
Select WareHouse	<input type="text"/>																					
Quantity	<input type="text" value="1"/>																					
Medicine Units	<input type="text" value="500"/>	<input type="text" value="mg"/>																				
	<input type="text"/>	in	<input type="text"/>																			
Take	<input type="text" value="Per Nostril"/> <input type="text" value="p.c."/>																					
Refills	<input type="text" value="01"/>	# of tablets:	<input type="text" value="1"/>																			
Notes	<input type="text"/>																					
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>																						

The image below shows the list of drugs that has been prescribed to the patient. Click on a drug to proceed with the payment.

Alis Khadka

Prescriptions (collapse) [View Printable Version HTML](#) [Order List](#) [Check All](#) | [Clear All](#)

Drug	Created Date	Changed Date	Dosage	Qty.	Unit	Provider
<input checked="" type="checkbox"/> Drug One	2018-02-13	2018-02-13		120	2	Animesh
<input checked="" type="checkbox"/> THREE WAY STOPCOCK	2018-02-13	2018-02-13	2	2	1	Animesh

Drug Sales (collapse) **Select one to view the detail page, check the details and press "Save".**

Drug	Quantity	Fee	Sale Date
Drug One	120	5400.00	2018-02-13
Drug One	120	5400.00	2018-02-13

Allergies (collapse)

Title	Begin	End	Coding (click for education)	Status	Occurrence	Referred By	Modify Date
iodine	2018-02-21		ICD9:250.30 (Diabetes with other coma, type II or unspecified type, not stated as uncontrolled)	Active	Early Recurrence (<2 Mo)	Hives	2018-02-13 01:08:30
codeine	2018-02-21		ICD9:600.01 (Hypertrophy (benign) of prostate with urinary obstruction and other lower urinary tract symptoms (LUTS))	Active	First	Nausea	2018-02-13 01:09:02

Clicking on Save will deduct the quantity of sold drugs from the inventory. Press Dispense to proceed with the payment.

Sale Drugs

Drug	Quantity	Lot Numbers	Medicine Units	Take	Refills	Action
Drug One	<input type="text" value="12"/>		<input type="text" value="400"/> <input type="text" value="mg/"/>	<input type="text" value=""/> in <input type="text" value=""/> Per Oris <input type="text" value=""/>	<input type="text" value="00"/> # of tablets : <input type="text" value="12"/>	Save
THREE WAY STOPCOCK	<input type="text" value="2"/>		<input type="text" value="400"/> <input type="text" value=""/>	<input type="text" value=""/> in <input type="text" value=""/> <input type="text" value=""/> a.m <input type="text" value=""/>	<input type="text" value="00"/> # of tablets : <input type="text" value="2"/>	Save

Dispense

In case, the drug is out of stock in the system then the following message will be displayed. This message will be different for different situations which will be clearly described in the red marking as shown below.

Sale Drugs

Drug	Quantity	Lot	Per Ons	# of tablets :	Action
Drug One	120				Save
THREE WAY STOPCOCK	2	400	in	00 2	Save

Dispense

Error Message ✕

All lots are expired for this drug.

Close

If the drug is available then press Dispense, this will navigate to the following screen, where a patient can make the payment.

Click on Pay. You can also remove drugs from here. Check on the drug that you want to remove and click Delete Drug.

All Sale Drugs

Delete Drugs Back

Patient Name: Alis Khadka

Add additional drugs from here

Drug	Quantity	Medicine Units	Take	Refills	Action
			in	00 # of :	Save

S.N	Sale Id	Inventory Id	Drug Name	Quantity	Fee	Tax Rate	Sale Price
1	77	579	Drug One	120	5400.00		45.00
Total							45.00

Pay

Dashboard

Pharmacy cannot view patient demographics page. Patient selection from Patient won't be accessible. Please only use "Search Bar" on the top of the screen to view patient's prescriptions status.

○ Patient

This will show list of all the patients. Please note that to view patient's details page, use Search Bar.

Patient Search				
Show 10 entries		Search all columns:		
Full Name	Home Phone	Citizenship/Passport number	Date of Birth	External ID
0 0 0			2018-02-02	111200000078
1 1 1			2018-02-03	111200000070
2 2 2			2018-02-05	111200000076
admin admin admin	3534534	23434234	1993-10-22	111200000095
Alis Khadka		6523525	1993-01-23	111200000067
Alish Giri		123467	1991-05-25	111200000011
alu tama			1995-01-28	111200000039
Ankita Sigdel			2003-01-24	111200000031
Anup Jung Belbase	01-895623	1265/7	1981-12-14	111200000001
asdasd asdasd asdadadasd	4456456		2018-02-11	111200000108
Showing 1 to 10 of 131 entries				
Previous Next				

○ Invoice

- Invoice stores all the payment history of a patient. Payment is done through the Dispense section.
- Invoice can be Printed or Exported as CSV from here. CSV basically means in Microsoft Excel format.
- Invoice id is used in the Refund.
- Select a date range and press Submit to view history of that date.

Invoice									
		Submit		Print	CSV Export	Search:		Show 10 entries	
S.N	Invoice Id	Patient Id	Sub Total	Tax	Tax Rate	Discount Amount	Discount Type	Total	Action
1	8	111200000132	70.00	2.80	5	14.00	percentage	58.80	
2	9	111200000134	400.00	20.00	5	0.00	amount	420.00	
Showing 1 to 2 of 2 entries									
Previous Next									

○ Refund

Enter the invoice id and press Submit to proceed with the refund process for that invoice.

Make sure to enter correct return quantity and amount that needs to be refunded.

Select the Payment Method and press Refund.

Refund

Invoice Id: 7

Submit

Invoice : 7

Date : 2018-02-12 06:25:12

Tax Rate: 2

Discount: 5440.50

Check	Name	Dosage	Qty	Return Qty	Rate	Paid Amount	Return Amount
<input type="checkbox"/>	Drug One		1 157	<input type="text"/>	45.00	6994.13	<input type="text"/>
<input type="checkbox"/>	Drug One		1 152	<input type="text"/>	45.00	6771.39	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>
<input type="checkbox"/>	Drug One		1 150	<input type="text"/>	45.00	6682.29	<input type="text"/>

Payment Method:

Cash

Return Amount

0.00

Refund

cancel

○ Dispense

This section is used for third party patients who may visit the pharmacy to buy their required medication. This section should not be used for I.P.D or O.P.D patients.

○ IPD Patient

This will show the user the list of all the patient prescriptions assigned by the Cardex department. Select the required patient and follow the same steps for the payment discussed in Search an Existing Patient/Payments.

Patient/Client

- Patient: This will show list of all patients. Please note that to view patient's details page, use Search Bar.
- Patient Education: Search any information on the web from here.

Web Search - Patient Education Materials

Search in Medline Generic category of the search.

search bar Submit

Please input search criteria above, and click Submit to view results. (Results will be displayed in a pop up window)

- Chart Tracker

Track patients with this function. Enter the Patient ID to view the information.

Inventory

Inventory contains all the information regarding drugs that the pharmacy owns. All the new arrived or damaged drugs should be updated here. This will keep track of all the items and keeps user notified about the item's status like out-of-stock or about to finish or other.

Management

This section updates the inventory of the pharmacy. All the drug details can be added and edited here.

Type a drug name in the search bar and click Search to view the list of related drugs.

Name	Act	NDC	Form	Size	Unit	Lot	Warehouse	QOH	Expires
drug five	Yes	3456789	solution	1	mg/1cc	New 789784564	On Site	1000	2017-02-15
Drug Four	No	342564323	ml	1000	mg	New 454343434	On Site	3000	2018-02-28
Drug One	Yes	1111111	tablet	250	mg/1cc	New 12121212	On Site	3905	2019-03-29
Drug Three	Yes	5432423	ml	750	grams	New			1969-12-31
Drug Two	Yes	2222222	capsule	400	mg	New 323212	On Site	9950	2019-02-28

Click on the Lot number as shown in the image above and click Destroy to move that item in the Destroyed section.

New

Lot Number :	<input type="text" value="789784564"/>
Manufacturer :	<input type="text" value="dsfgfh fhfgh"/>
Expiration :	<input type="text" value="2017-02-15"/>
Vendor :	<input type="text" value="Unassigned"/> ▼
Warehouse :	<input type="text" value="On Site"/> ▼
On Hand :	1000
Is Active :	<input checked="" type="checkbox"/>
Is Deleted :	<input type="checkbox"/>
Tax Rates :	<input checked="" type="radio"/> HST <input type="radio"/> TINC <input type="radio"/> VAT
Transaction :	<input type="text" value="None"/> ▼

Save
Destroy...
Cancel

Click on Add Drug is used to add new drug in the list of items. This will navigate to a drug details form. Fill up the form correctly with all the necessary details and press save to create a new entry on the system.

Add Drug

Name :	<input type="text" value="New Drug"/>				
Active :	<input checked="" type="checkbox"/>				
Allow :	<input checked="" type="checkbox"/> Multiple Lots <input type="checkbox"/> Combining Lots				
NDC Number :	<input type="text"/>				
On Order :	<input type="text" value="0"/>				
Limits :	Global	On Site			
Min	<input type="text" value="0"/>	<input type="text" value="0"/>			
Max	<input type="text" value="0"/>	<input type="text" value="0"/>			
Form :	<input type="text" value="tablet"/> ▼				
Pill Size :	<input type="text"/>				
Units :	<input type="text" value="mg"/> ▼				
Route :	<input type="text" value="Per Oris"/> ▼				
Relate To :	<input type="text"/>				

Templates :	Name	Schedule	Interval	Qty	Refills
	<input type="text"/>	<input type="text"/>	<input type="text" value="q.3h"/> ▼	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text" value="q.3h"/> ▼	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text" value="q.3h"/> ▼	<input type="text"/>	<input type="text"/>

Save
Cancel

- Destroyed

Select a time range and click Submit to view drugs that has been sent to the destroyed list.

Drugs are sent here, from the Management section as explained above.

All the expired or damaged drugs will be listed here.

Destroyed Drugs							
From:		2018-01-01	To:		2018-03-05	Submit	Print
Drug Name	NDC	Lot	Qty	Date Destroyed	Method	Witness	Notes
Drug Three	5432423	524743	30999	2018-02-21	bhjbhji	hugbgi	hello

Click on Lot number, in the above image, to add full description on how the drug ended here.

Lot Number:	524743
Manufacturer:	GHIJ company
Quantity On Hand:	30999
Expiration Date:	2018-02-21
Date Destroyed:	2018-02-21
Method of Destruction:	Chemical flush in the hazard ward.
Witness:	Dr. Philip
Notes:	Expired
Submit	Cancel

- Transaction

Transaction stores all the reports regarding drugs usages. Click on a desired report type and a date range to view the transaction history of that type.

Drugs Transaction Reports							
Choose Report Type:	None	From:		To:		Group By: Date: <input checked="" type="radio"/> Drugs: <input type="radio"/>	submit

Transaction can also be printed out. Just click on the Print button.

Drugs Transaction Reports						
<div> Choose Report Type: Purchase From: 2018-01-25 To: 2018-02-17 Group By: Date: <input checked="" type="radio"/> Drugs: <input type="radio"/> submit Print </div>						
				Search: <input type="text"/>	Show 10 entries	
Date	Drug Id	Lot Number	Quantity	Total Cost	Distributor	Source Lot
2018-02-01	578	12121212	5000	150000		0
2018-02-01	579	323212	10000	10000		0
2018-02-01	580	524743	35000	7000000		0
2018-02-11	581	454343434	2000	20000		0
2018-02-11	582	789784564	3000	21000		0
2018-02-13	583	20180212	20000	200000		0
2018-02-13	583	20180219	3000	90000		0
Showing 1 to 7 of 7 entries						Previous Next

Events

This topic is described in General section 1b.

Notice

This topic is described in General section 1b.

My Account

Password: Change your password here.

Password Change

Have you forgotton your password ? Please choose a new one here.

Full Name :	pharmacy officer
Username :	pharmacy
Current Password :	<input type="password"/>
New Password :	<input type="password"/>
Repeat New Password :	<input type="password"/>

Save

Authorizations :

Address Book: Most of the details of different departments in the hospital will be stored here.

Office Notes: Any users can add notes here. These notes will be stored here, and anyone can come here and view these notes.

Configure Tracks: Doctors update this section to keep records of varieties of tests like blood pressure test in different timings, its normal state for person of certain type and other in-depth details for other members to view. These records will be stored in the encounter history. Accessing this information from the Encounters, graph of that record will be displayed. This graph also can be printed if required.

About Us

Provides information about DMS.