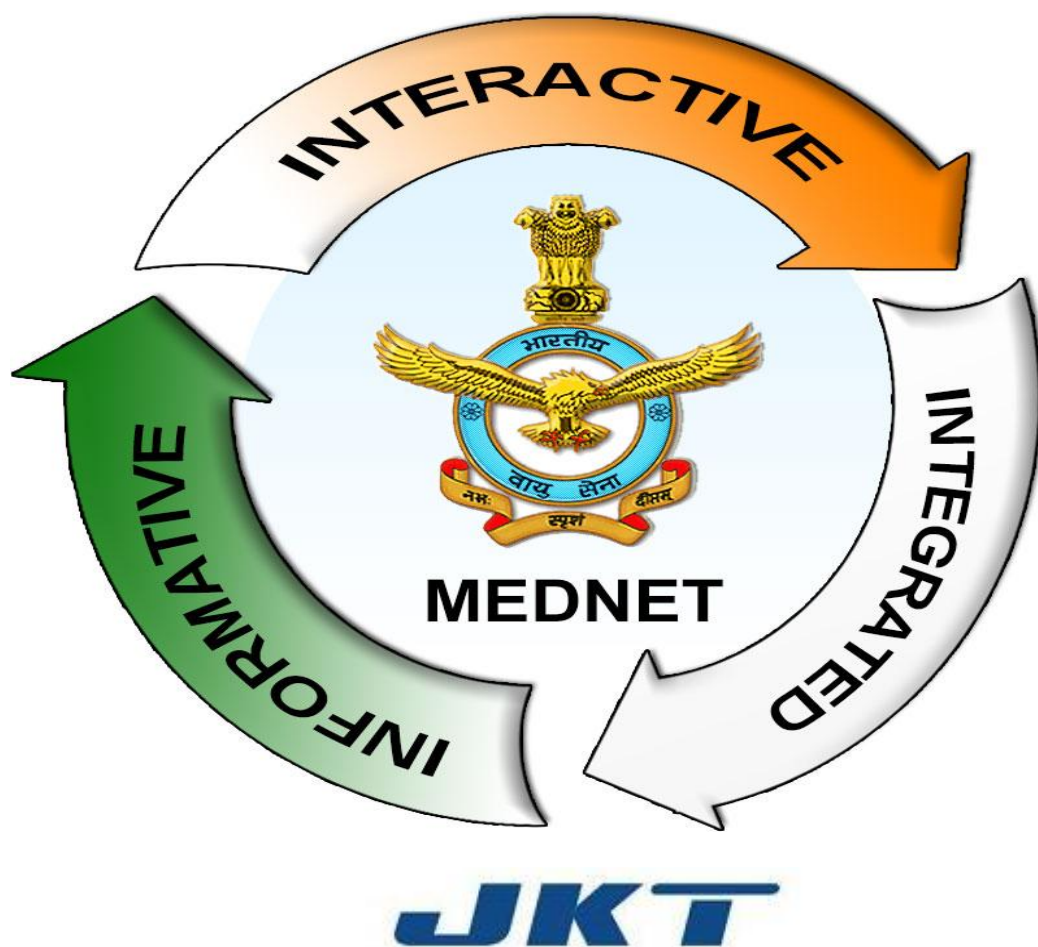


# IAF MEDNET

## Station Medicare Centre

## Dispensary Module

## User Manual



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# Introduction

Station Medicare Centers (SMCs) are the primary Medicare facilities at Air Force Wings and Stations. SMCs are small hospitals. They mainly function as OPD polyclinics with comprehensive lab, and provide physiotherapy, radiology and dental services. Additionally, they have medical admin module meeting stores, dispensary, aviation medicine, medical stats, and medical boards. The inpatient facility is limited.

The requirement is to develop web based application software integrated with existing available and underdevelopment IAF Medicare modules. This software is similar to hospital information system software in terms of generic content but the scope, functionality, presentation and outcomes will be different.

The software is smart, interactive, user friendly with more prompts to assist doctors and paramedics in all respects of medical care. Medical stores module provides for modern inventory control and cost analysis. Medical exam and medical board provides for integration with existing database software (Oracle based) and document management software (Archi doc).

The software is a comprehensive tool not only for quick paperless day to day functioning of the SMC but also provides for data search, analysis of time and trends, across all relevant fields to give meaningful health data for further research, analysis and planning.

## Dispensary Module

The Dispensary Module of Station Medicare Centre covers following activities -

- 1.1. Patient issue against prescription( Online and manual)
- 1.2. Demand raised to Medical store
- 1.3. CIV receipt
- 1.4. Department/Ward/Unit issue
- 1.5. Return to medical store of defective/expiry item
- 1.6. Stock status
- 1.7. Daily expense summary
- 1.8. Stock verification

## Pending Prescription

This screen displays the list of prescriptions pending for medical issue. By default current date prescription will be displayed.

**PENDING PRESCRIPTIONS**

From Date: 02/04/2012 To Date: 02/04/2012 Department: Select

MO: Select

SEARCH PRINT PRESCRIPTION DIRECT PRESCRIPTION

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Prescription No.	Prescription Date	Prescription Time	Service No.	Patient Name	Relation	Rank	Name	Service Type	MO
145	02/04/2012	10:22:44	9200	SHARAD	Father	CPL	GALTAM	Ar Force	N Manikantan
0	02/04/2012	10:27	1218	DINESH SINGH	Self	AC	DINESH SINGH	Ar Force	

**From Date:** It is an enterable field. It cannot have null value.

**To Date:** It is an enterable field. It cannot have null value.

**Department:** This is a list element (Selectable). The values come from Department Master. It cannot have null values.

**MO:** This is a list element (Selectable). The values come from Employee Master. Only doctor name is displayed for login SMC. It can have null values.

**Search:** On click of Search button, prescription list is displayed for the given parameter.

**Patients Prescription Grid:** On click of any grid row, Patient Issue screen is display.

**Grid Values:** These are display fields. It cannot be null.

## Patient Issue

This screen facilitates the user to issue drugs against a prescription. This screen is display on click of pending prescription grid.

**PATIENT ISSUE**

Service No.	727743	Patient Name	RAHIL	Relation	Son
Rank	SGT	Name	RAJARAM	Unit	412 AF STN
Age	11 Years	Gender	Male	MO	P Samal

Prescription Date	04/05/2012	Prescription No.	914
Issue No.	02/12-13	Issue Date	16/05/2012
Prescribed By	select		

SI No.	PVMS.NIV No.	Nomenclature	Barcode	A.U	Batch No.	DOE	Dosage	Frequency	No. of Days	Route	Qty Prescribed
1	012005	Ciprofloxacin 0.3% eye drops c			Select Batch		2	TDS (0600-1	3		18
2	012013	Flurbiprofen sodium ophthalmic			Select Batch		2	TDS (0600-1	3		18

Stock in Dispensary	Qty Issued	Stock in Med Store	Loan Out From Med Store	Qty Loan Out	Mark For LP	Qty LP	Remarks	Add Row
0		450	<input type="checkbox"/>		<input type="checkbox"/>			Add
0		0	<input type="checkbox"/>		<input type="checkbox"/>			Add

SAVE NEXT PRESCRIPTION PRINT PREVIOUS PRESCRIPTION

**Patient Details:** These are display fields. Data is display from prescription table. It cannot have null values.

**Issue No.:** This is the Patient Issue no. The value is Auto generated based on the current financial year. Issue No. Format is 1/11-12. It cannot have null values.

**Issue Date:** It is an enterable field. It has the default value set to the current date. It cannot have null values

### Item Details

**SI No.:** Auto integer display field.

**Grid Values:** Value of all these fields is display from the prescription table. It cannot have null values.

**Stock in Dispensary:** This is a display field. Dispensary stock is display from the stock table.

**Stock in Medical store:** This is a display field. Medical store stock is display from the stock table.

**Issue:** On click of this button a popup screen is display to issue qty. for available batch. Batch no. is display in the ascending order of expiry date. Qty.

issued cannot be more than the qty. prescribed or the stock available in dispensary.

**Qty Issued:** This is a display field. Total qty. issued from pop up screen is display here. It can have null values.

**Loan out from medical store:** This is a selectable field. If stock is available in medical store then user should be allow to select it. After selection of check box, loan out qty. text box should be enabled for entry.

**Loan out Qty:** This is an enterable field. By default this check box is disabled. After selection of Loan out from the medical store check box, this text box is enabled. It can have null values.

**Mark for LP:** This is a selectable field. After selection of check box, LP qty. text box is enabled for entry.

**LP Qty:** This is an enterable field. By default this check box is disabled. After selection of Mark for LP check box, this text box is enabled. It can have null values.

**Remarks:** It is an enterable field. It can have null values.

**Submit & Next prescription:** On click of this button data is saved & the next prescription is displayed for issue.

**Print:** It prints the selected Issue no.

**Search:** It searches the data for the patient issue based on the search criteria. Search is done on the basis of Issue no., issue date and service no.

## Indent To Med Stores

This screen helps the user to enter the Indent to Med Stores.

**INDENT TO MED STORES**

**DETAILS**

Indent No.	33/12-13	Indent Date	02/04/2012
Requested By	Select	Approved By	Select

**INDENT DETAILS**

Sl No.	PVMS/NIV No.	Nomenclature	A/U	Stock in Dispensary	Qty Loaned in	Qty Demanded	Delete
No Data Found							

**Indent No.:** This is the Indent No. The value is Auto generated based on the current financial year. Default value is set to 1/11-12. It cannot have null values.

**Indent Date:** It is an enterable field. It has the default value as the current date. It cannot have null Values.

**Request by:** It is a selectable field. It comes from employee master. It cannot have null value.

**Approved by:** It is a selectable field. It comes from employee master. Request by and approved by cannot be same. It cannot have null value.

### Grid for Indent to Med Stores

**SI No.:** Auto incremented integer no. display.

**Grid Values:** These are display fields.

**ADD:** On click of this button a pop up screen is displayed for item selection. Pop up screen displays the PVMS/NIV no., Nomenclature, A/U, Stock in hand, loan received qty., Qty. demand. Qty. demand is an enterable field. After selecting and closing the pop up screen, item is displayed on the main screen.

**Delete:** On click of this button data is removed from the grid.

**Print:** It prints the selected indent.

**Search:** It searches the indent data based on the search criteria. Search on Indent no., Indent date.



## CIV Receipt Entry

This screen facilitates the user to receipt item against indent.

CIV

CIV No.
Select

CIV Date
14/03/2012

Received By
Select

DETAILS

SINo.	PVMS/NIV No.	Nomenclature	AU	Batch No.	DOM	DOE	Manufacturer	Qty Demanded	Qty Received
No Data Found									

SUBMIT

**CIV No.:** This is a list element (Selectable). The value comes from the Issue table. All CIV no. which are not received by dispensary will be displayed in the combo box. After selection of CIV no., all items in selected CIV are displayed in the Grid. It cannot have null values.

**CIV Date:** It is an enterable field. Its default value is current date. It cannot have null Values.

**Received by:** This is a list element (Selectable). The value comes from the employee table. It cannot have null values.

**Submit:** On click of this all items in the grid are saved and stock is updated.

### Grid for CIV Receipt Entry

**SI No.:** Auto Integer display field.

**Grid Values:** These are display fields. They cannot have null value.

## Department/Unit Issue Entry

This screen helps the user to enter department / ward issue in the SMC. User can also issue to units.

**DEPARTMENT/UNIT ISSUE**

**ISSUE DETAILS**

Dispensary Issue No. 11/12-13 Issue Date 24/05/2012 ☒ Department ☐ Units  
 Select  
 Indent No. Select Indent No Indent Date <sup>A</sup>  
 Issued By <sup>A</sup> Select

**SEARCH**

**ITEM DETAILS**

Sl No.	PVMS/NIV No.	Nomenclature	A/U	Barcode	Batch No.	DOM	DOE	Available Stock
1					Select Batch			

Batch Stock	Qty Demanded	Qty Issued	Balance after Issue		
				Add	Delete

**SAVE**

**Dispensary Issue No.:** This is the Dispensary Issue No. The value is Auto generated based on the current financial year. Default value is 1/11-12. It cannot have null value.

**Issue Date:** It is an enterable field. Its default value is current date. It cannot have null Values.

**Department/Unit Radio Button:** It is a selection option. Department & Unit are displayed in the combo box. If user selects Department then names of all department/Ward in the login SMC are displayed in department combo box for selection. All pending indent no. are displayed in indent no. combo box. If user selects unit then names of all units are displayed in unit name combo box for selection. It cannot have null value.

**Indent No.:** It is a selectable list. Indent no. is displayed based on type and Issue to department selection. It cannot have null values.

**Indent Date:** It is display the indent date according to the indent no. field.

**Issued By:** The Employee who issues the medicines. This is a selectable field. It is fetches from the employee master. It cannot have null values.

**Search:** It searches the items based on the search criteria. Search is conducted on Department/unit and Indent No.

**Submit:** On clicking this all items in the grid are saved and the stock is updated.

## Department Return

This screen helps the user to return expired or defective items to medical store from login department.

**RETURN TO STORE**

**DEPARTMENT RETURN**

Return No.	38/12-13	Return Date	24/05/2012	To Department*	Select
Returned By*	Select	Received By*	Select	Reason	

**DETAILS**

Sl No.	PVMS/NIV No.	Nomenclature	A/U	Barcode	Batch No.	DOM	DOE	Manufacturer	Qty Returned		
1					Select					Add	Delete

**Return No.:** The value is Auto generated based on the current financial year. Default value is 1/11-12. It cannot have a null value.

**Return Date:** It is an enterable field. Its default value is current date. It cannot have null Values.

**Reference No.:** It is an enterable field. It cannot have a null value.

**To Department:** It is a selectable field. Department list comes from department master. It cannot have a null value.

**Returned by:** The Employee who returns the medicines. This is a selectable field. Data is fetched from the employee master. It cannot have null values.

**Received by:** The Employee who receives the medicines. This is a selectable field. This is fetched from the employee master. It cannot have null value.

**Reason:** It is an enterable field. It cannot have a null value.

**Submit:** On clicking this all items in grid are saved and stock is updated.

**Print:** It prints the selected return no.

**Search:** It searches the return data based on the search criteria.. Search is on return no., return date, Department.

## **Grid Data**

**SI No.:** Auto display integer no.

**PVMS/NIV No.:** It is an enterable field. It cannot have null values.

**Nomenclature:** It is an enterable/display field. If PVMS/NIV No. is entered then it is displayed. It cannot have null values.

**A/U:** It is a display field. It cannot have null values.

**Batch No.:** It is a selectable field. All available batch data should be displayed from the stock table. It cannot be null.

**Expiry Date:** Data is displayed based on batch no. selection. It cannot have null values.

**Total qty return:** It is an enterable field. Qty. returned cannot be more than stock qty.

## Reports

1. Actual Stock Report
2. Daily Issue Report
3. Item Receipt Report
4. FSN Analysis Report
5. Drugs Expiry Report
6. Drugs Stock Position in SMC