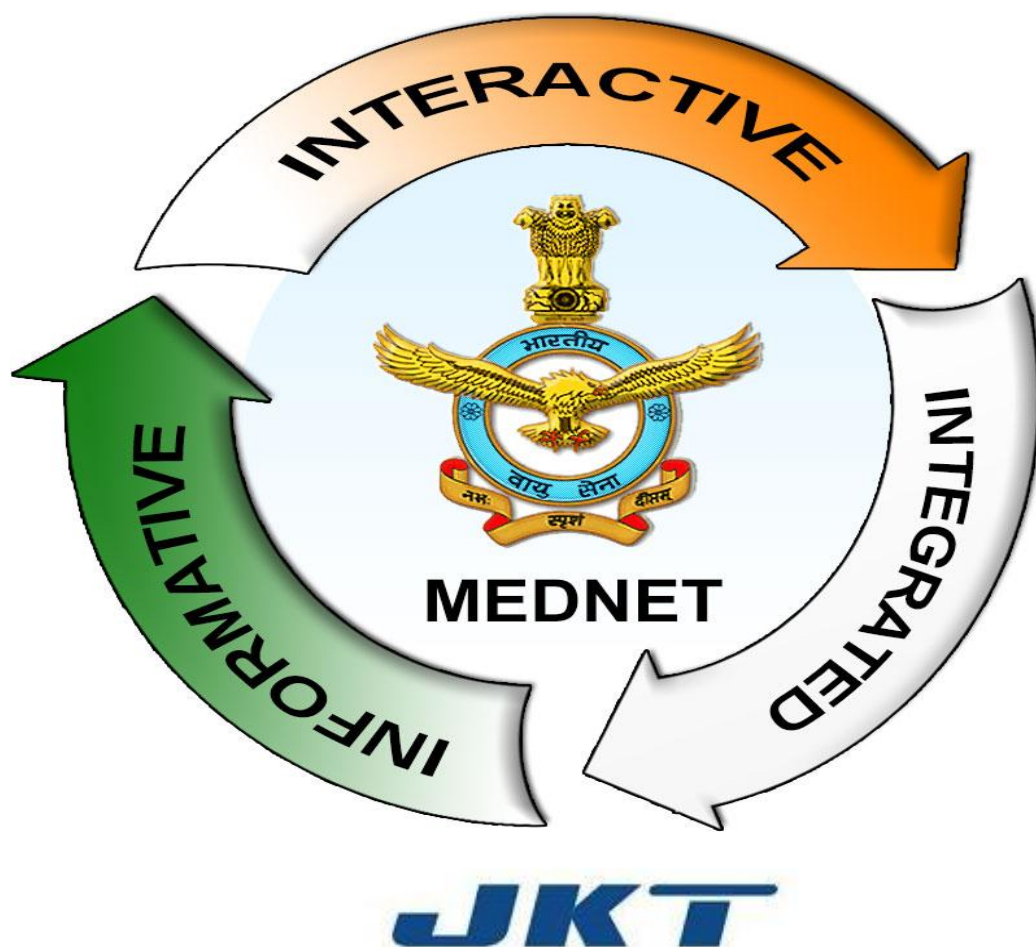


IAF MEDNET

Station Medicare Centre

Physiotherapy 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.

Physiotherapy Module

The Physiotherapy module takes care about the therapy detail activities such as-

- ❖ Therapy scheduling for the therapy requested from OPD and Ward module.
- ❖ Therapy visit data maintenance.
- ❖ Therapy appointment.
- ❖ Therapy visit creation of direct patient.

Therapy Waiting List

It shows the list of patient who are waiting for therapy. It displays the list of patients, for whom therapy requisition has raised and schedules it in the OPD/ Ward module for given date respectively.

User can search data on given searching criteria.

On click of any grid value, therapy visit screen with respective requisition record is displayed.

Therapy scheduling is performed with the help of a given 'Appointment' button for selected row.

Service No.	Patient Name	Relation	Rank	Name	Age	Gender	Flag
687243	S K SINGH	Self	JWO	S K SINGH	42 Years	Male	OPD
719643	ANITA	Wife	SGT	S K PATEL	35 Years	Female	OPD
20045	MK PRASAD	Self	Wg Cdr	MK PRASAD	44 Years	Male	OPD
IC46857	SUKJIT SINGH	Son	Lt Col	U P SINGH	11 Years	Male	OPD
645978	HARI PRASAD	Self	WO	HARI PRASAD	55 Years	Male	OPD

From Date: It is an enterable field. User can enter from date of requisition raised by MO. By default it displays current server date. It cannot have a null value.

To Date: It is an enterable field. User can enter to date of requisition raised by MO. By default it displays the current server date. It cannot have a null value.

Medical Officer: It is a selectable field. User can select MO name from combo box that has raised the requisition for therapy for the given date period. It can have a Null Values.

Therapy Name: It is a selectable field. User can select the therapy name from combo box that has pending for the given date period. It can have Null Values.

Department: It is a selectable field. User can select department type (OP or IP) from combo box whose therapy is pending for the given date period. It can have Null Values.

Fresh/Appointment/Both: User can select the patient type, whether he is fresh (first visit of therapy), scheduled for therapy or both. By default both is selected. It cannot have a null value.

Search: It fetches records matching the given criteria and displays the desired record in the grid.

Grid value: The grid displays the record based on the given searching criteria. On click of any grid value, therapy visit screen appears to enter visit details.

Appointment: On click of appointment button after selection of radio button given at grid, appointment screen displays selected records, where user can schedule for therapy for future date.

Therapy Visit Entry

This screen facilitates the user to enter the patient's visit details for physiotherapy. On click of the grid value at therapy waiting list, the therapy visit screen is displayed. However screen has option for direct entry also.

By default, therapy details are displayed as per the requisition raised by MO, user can add additional therapy details, if needed.

Therapy scheduling can be performed with help of given 'Appointment' button for selected row.

PATIENT DETAILS									
Service No. *	2000	HIN *	020120000102						
Patient Name	RAMESH	Relation	Father	Rank	CPL				
Name	SURESH KUMAR	Gender	Male	Age	70 Years				
Unit	1 ADCC	Section	AFFWA(L)	Trade/Branch	LGS				
Mobile No.	-	Telephone No.	-	Medical Officer					

PHYSIOTHERAPY DETAILS									
Therapy name	Duration	Frequency	No. of Days	Time Begun	Time Completed	Sitting Time	Remarks	Add	Delete
<input type="text"/>	<input type="text"/> Min.	Select <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>	<input type="button" value="Delete"/>

Physiotherapy Completed ☐

Service No.: It is an enterable field. User can enter the service no. for which therapy entry is needed. If screen opens through therapy waiting list, field value is fetched from the waiting list. It cannot have a null value.

HIN: It is a selectable field. User can select HIN, based on service no. entered. If screen opens through therapy waiting list, field value is fetched from the waiting list. It cannot have a null value.

Patient Name: The name of the Patient. It is a combination of Patient's First Name and Last Name. It is a display field. It is displayed on the basis of HIN.

Relation: The Relation to the service personnel. It is a Display field. It is displayed on the basis of HIN.

Rank: The Rank of the service Person. It is a Display field. It is a Displayed on the basis of HIN.

Name: The Name of the service person. It is a combination of Service Person's First Name and Last Name. It is a Display field. It is displayed on the basis of HIN.

Gender: The Gender of the Patient. It is a Display field. It is displayed on the basis of HIN.

Age: The age of the patient. It is a calculated field. The age is calculated on the basis of age entered at the time of registration and current date.
It is a Display Field.

Unit: It is a display field. Unit of the service personnel based on HIN is displayed here.

Section: It is a display field. Section of the service personnel based on HIN is displayed here.

Trade/Branch: It is a display field. Trade/ Branch of the service personnel based on HIN is displayed here.

Mobile No.: It is a display field. Mobile no. of the patient based on HIN is displayed here.

Telephone No.: It is a display field. Telephone no. of the patient based on HIN is displayed here.

Medical Officer: It is a display field. Medical officer who has advised the patient for therapy, his/her name is displayed here

Visit/ A&D No.: It is a display field. Visit No. or A&D No. (If patient is admitted) is displayed here for which therapy is advised.

Diagnosis: It is a display field. Diagnosis given by MO at OPD or ward is displayed here.

Physiotherapy Details

Therapy Name: It displays the therapy name which has been advised by MO at OPD or ward. In case of direct visit creation it is enterable. Value is being fetched from therapy master. It cannot have a null value.

Duration: It displays the duration of therapy advised by MO at OPD or ward. In case of direct visit creation it is enterable. Value is fetched from therapy master. It cannot have a null value.

Frequency: It will display the frequency of therapy advised by MO at OPD or ward. In case of direct visit creation it will be enterable. Value will fetch from therapy master. It cannot have null value.

No. of Days: It is displaying the no. of days for which therapy advised by MO at OPD or ward. In case of direct visit creation it is enterable. Value is fetched from therapy master. It cannot have a null value.

Time Begun: It is an enterable field. User can enter the start time of the therapy. It cannot have a null value.

Time Completed: It is an enterable field. User can enter the completion time of the therapy. It cannot have a null value.

Total Sitting Time: System calculates the time of therapy based on therapy begun time and therapy completion time.

Next Appt. Date: It is a display field. System displays the next appointment (Scheduled) date for the therapy, if appointment is given for the same. It can have a null value.

Next Appt. Time: It is a display field. System displays the next appointment (Scheduled) date for the therapy, if appointment is given for the same. It can have a null value.

Remarks: It is an enterable field. User can enter remarks, if any for the therapy performed. It can have a null value.

ADD/Delete: User can add or delete the row from the list by clicking on these buttons.

Physiotherapy Completed: It is a logical field. User can check it, if he wants to stop the therapy forcefully. By default it will be checked after completion of all sittings (frequency X days).

Submit: On click of the button system submits the records to the database.

Reset: On click of the button system resets the data.

Back: It navigates the cursor to patient waiting list screen.

Appointment: It navigates the cursor to physiotherapy appointment (scheduling) screen having demographic and therapy related records.

Therapy Appointment

The screen facilitates user to give appointment for physiotherapy. Appointment list for selected date is displayed in the grid where user can add more rows to enter new appointment records.

On click of submit button appointment system generates appointment No. and the same record is displayed in the waiting list of the date of appointment given.

It also facilitates user to cancel the appointment.

THERAPY APPOINTMENT

PATIENT DETAILS

Service No.	2000	Patient Name	SURESH KUMAR	Name	SURESH KUMAR
Relation	Self	Rank	CPL	Age	46 Years
Unit	1 ADCC	Branch/Trade	LGS	Medical Officer	
Gender	Male	Diagnosis			

PHYSIOTHERAPY DETAILS

Therapy Name	Duration	Frequency	No. of Days	Remarks
<input checked="" type="checkbox"/> SHOULDER EXERCISE	15 Min.	BD (0600 - 1800 Hrs)	5	
<input type="checkbox"/> PHYSIOTHERAPY EXERCISE	30 Min.	OD	2	

APPOINTMENT LIST

Therapy	Time	Date	Duration
Date *	14/05/2012	GO	

Time	Duration	Therapy Name	Service No	Patient Name	Relation	Rank	Name	
	15	SHOULDER EXERCISE	2000	SURESH KUMAR	Self	CPL	SURESH KUMAR	Delete

SAVE SUBMIT RESET

Service No.: It is an enterable field. User can enter the service no. for which therapy entry is needed. If screen opens through therapy waiting list or therapy visit entry, field value is fetched from the concerned screen. It cannot have a null value.

HIN: It is a selectable field. User can select HIN, based on service no. entered. If screen opens through therapy waiting list or therapy visit entry, field value is fetched from the concerned screen. It cannot have a null value.

Patient Name: The name of the Patient. It is a combination of Patient's First Name and Last Name. It is a display field. It is displayed on the basis of HIN.

Relation: The Relation to the service personnel. It is a Display field. It is displayed on the basis of HIN.

Rank: The Rank of the service Person. It is a Display field. It will be displayed on the basis of HIN.

Name: The Name of the service person. It is a combination of Service Person's First Name and Last Name. It is a Display field. It is displayed on the basis of HIN.

Trade/Branch: The trade/branch of the service personnel. It is a Display field. It is displayed on the basis of HIN.

Unit: The unit of the service personnel. It is a Display field. It is displayed on the basis of HIN.

Gender: The Gender of the Patient. It is a Display field. It is displayed on the basis of HIN.

Age: The age of the patient. It is a calculated field. The age is calculated on the basis of age entered at the time of registration and current date. It is a Display Field.

Medical Officer: It is a calculated field. It is enable only if direct appointment (without requisition from OPD or ward module) has to be given. If requisition given by OPD or ward then it displays MO name from OPD or Ward. Value is fetched from MO master.

Diagnosis: It is an enterable field. It will enable only if direct appointment (without requisition from OPD or ward module) has to be given. If requisition given by OPD or ward then it will be display diagnosis given at OPD or Ward.

Physiotherapy Details

Check box: It is a logical field. On click of the check box the concerned row value displays at the appointment grid, where user can mark the date and time of the available slot.

Therapy Name: It displays the therapy name which has been advised by MO at OPD or ward.

Duration: It displays the duration of therapy advised by MO at OPD or ward.

Frequency: It displays the frequency of therapy advised by MO at OPD or ward.

No. of Days: It displays the no. of days for therapy advised by MO at OPD or ward.

Remarks: It displays the remarks for therapy entered by MO at OPD or ward.

Appointment List

Date: It is an enterable field. User can enter the date for which he wants to view/ enter the appointment details. By default current server date is displayed.

Time: It is an enterable field. User can enter the time of appointment for a patient for selected therapy. It displays the previous appointment records, if any, in display mode.

Duration: It displays the duration of therapy advised by MO at OPD or ward.

Therapy Name: It displays the selected therapy name from physiotherapy details grid.

Service No.: It displays the selected / entered service no. from therapy appointment block.

Patient Name: It displays patient name based on the service no.

Relation: It displays relation of patient to service personnel name based on the service no.

Rank: It displays rank of service personnel based on the service no.

Name: It displays name of service personnel based on the service no.

ADD/Delete: User can add or delete the row from the list by clicking on these buttons.

Submit: On click of the button, system will submit the records to the database.

Reset: On click of the button, system will reset the data.

Back: It navigate the cursor to patient waiting list screen.

Cancel Appointment: On click of the button, after selection the radio button of appointment list row, it will cancel the appointment for selected row.

Reports

1. Treatment Register
2. Appointment Register