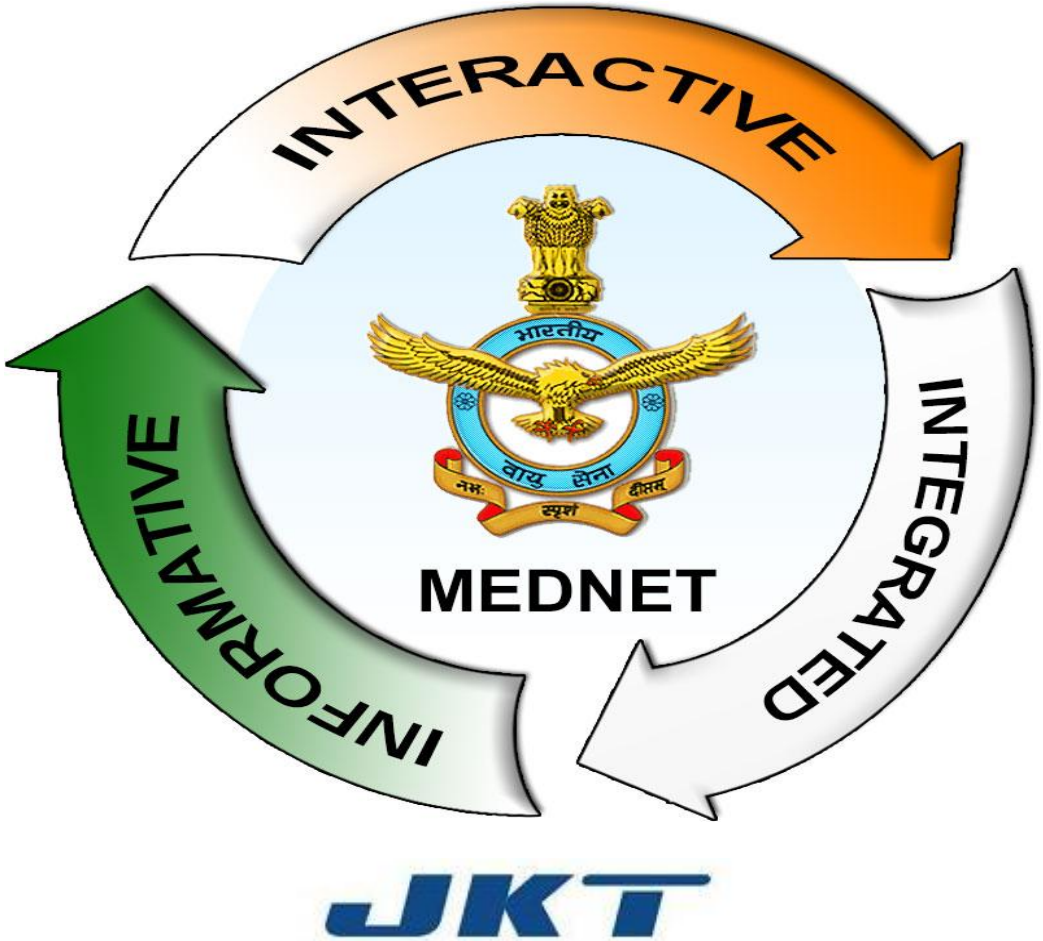
IAF MEDNET

Station Medicare Centre

Dental 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 Dental polyclinics with comprehensive lab, physiotherapy, radiology and dental services. Additionally, they have medical admin modules 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 will be similar to hospital information system software in terms of generic content but the scope, functionality, presentation and outcomes will be different.

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

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

Dental Module

The Dental module helps Medical officers in storing and viewing the patient Dental information. This module facilitate Medical officers to –

- View patient waiting list.
- Call patient by using token no. display facility.
- View previous visit details.
- View previous prescription details.
- View previous investigation details.
- View previous hospitalization details.
- View medical examination details.
- View medical board details.
- Enter Dental Complaints.
- Enter vitals and diagnosis details.
- Enter/ generate prescription and investigation requisitions.
- Enter dental procedure.
- Maintain/ generate Dental statistical records.

Registration

This screen captures the demographic details of the patients and registers the patient.

Every patient will be given a unique number called HIN. It is a combination of Service Type/Service number/ Serial No. /Relation to the service personnel.

This number will remain constant for the lifetime of every patient in the IAF SMCs and will never be re-allotted.

If the Patient is a non-entitled, then the patient registered as a non entitled case and given only OPD treatment.

The name of the patient will be captured in the form of First, middle and last name.

The date of birth is vital information of the patient. If that information is not available, then the approximate age of the patient will be entered.

The Name of spouse or relative name, contact details (address, Phone number) of the patient is captured which helps in getting the information when the Patient gets admitted to the SMC.

At the time of registration, the Patient Status will have the value “Outpatient (OP)”, which will change later, according to the movement of the patient.

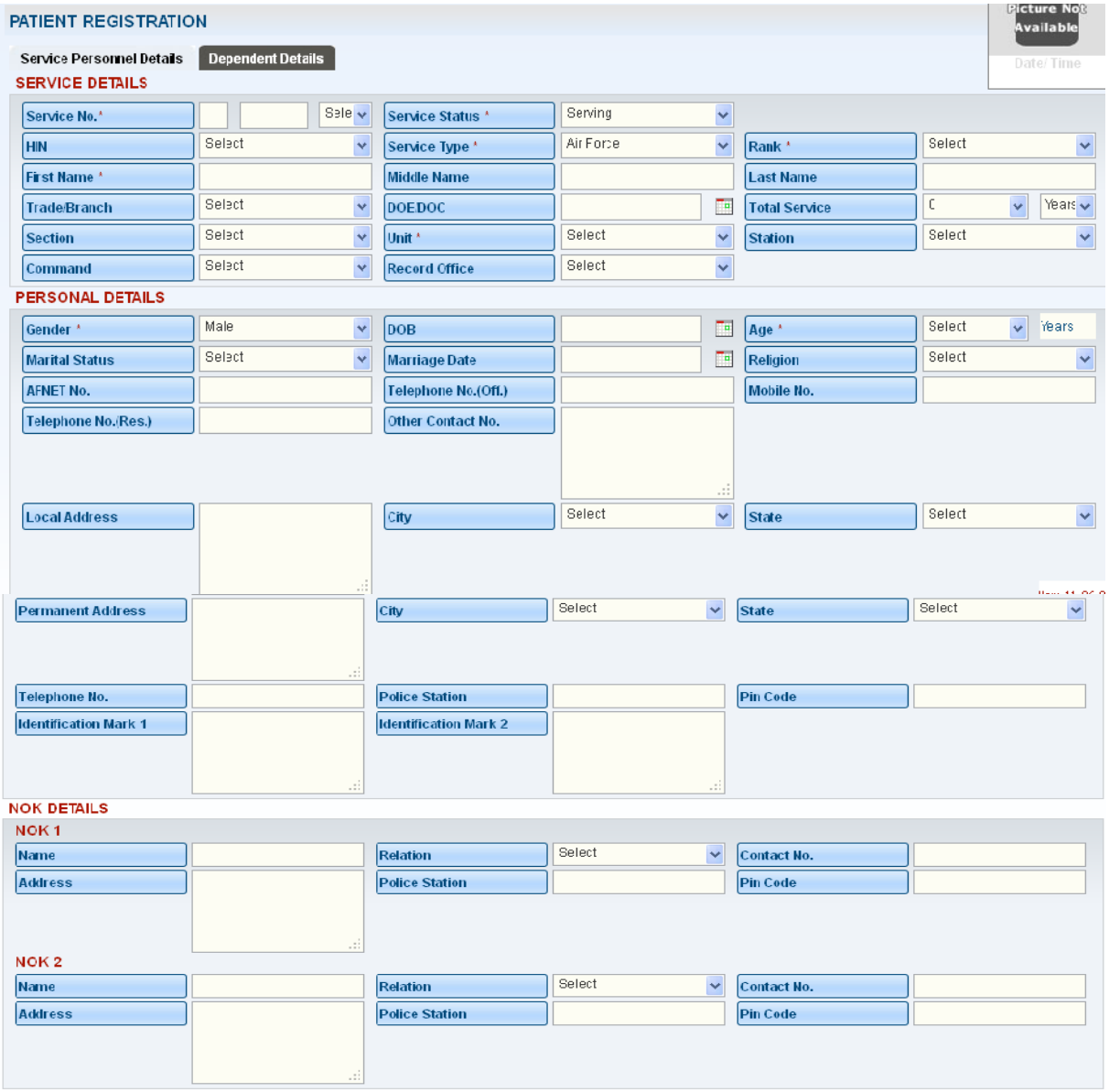
The date and time of registration will be updated automatically with the current server date and time.

If patient will have the HIC card then patient and dependant details will get retrieved from HIC database.

Token Number - The Token Number is generated for each Patient and it is an auto generated number.

There will be facility to print document in each form.

System facilitates users to upload the photo of the service personal in the system.


PATIENT REGISTRATION
Picture Not Available
Date/ Time
Service Personnel Details
Dependent Details
SERVICE DETAILS
Service No.*
Sele
Service Status *
Serving
HIN
Select
Service Type *
Air Force
Rank *
Select
First Name *
Middle Name
Last Name
Trade/Branch
Select
DOE/DOC
Total Service
Years
Section
Select
Unit *
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Station
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Command
Select
Record Office
Select
PERSONAL DETAILS
Gender *
Male
DOB
Age *
Select
Years
Marital Status
Select
Marriage Date
Religion
Select
AFNET No.
Telephone No.(Off.)
Mobile No.
Telephone No.(Res.)
Other Contact No.
Local Address
City
Select
State
Select
Permanent Address
City
Select
State
Select
Telephone No.
Police Station
Pin Code
Identification Mark 1
Identification Mark 2
NOK DETAILS
NOK 1
Name
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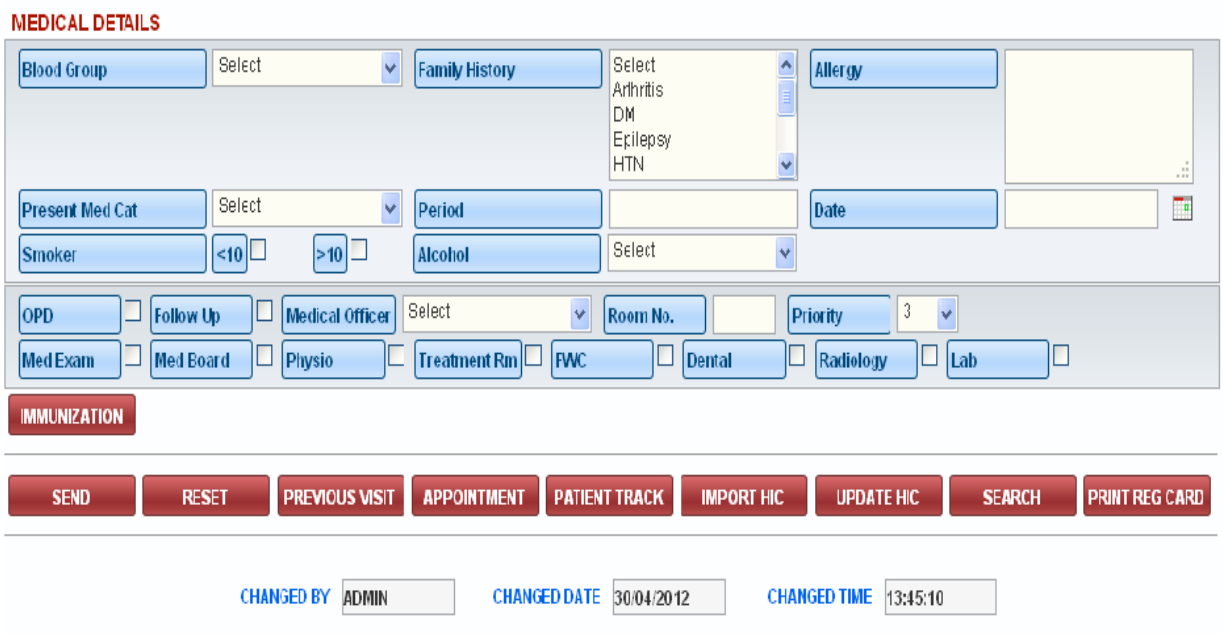


Service No.: It is an enterable field. Here, the service no. of the service personnel should be entered with respective prefix or suffix. It is a unique number assigned to the service personnel. It cannot have null values.

HIN: Hospital Index Number (HIN) combo will populate based on the service no. entered. It is a combination of Service Type/Service status/Service number/ Relation to the service personnel/ Serial No. It will be a unique no for the entire patient care system. This no. gets assigned to the patient at the time of registration and it will be the same for life time for that particular patient.

Service Type: The service type of the service personnel should be entered. It may be Air Force, Navy, Army, etc. This will be a list element (Selectable).In case of Service type “Civilian” Service no., Service personnel name and other service related detail will be disabled. The values will come from Service Type Master. It cannot have null values.

Rank: The Rank of the service personnel. This will be a list element (Selectable). The values will come from Rank Master. It will fetch the record based on the selected service type. It cannot have null values.

First Name: The First Name of the Service Personnel. It is an enterable field. It cannot have null values. It will not take any special characters, numbers or dot.

Middle Name: The Middle Name of the Service Personnel. It is an enterable field. It can have null values. It will not take any special characters, numbers or dot.

Last Name: The Last Name of the Service Personnel. It is an enterable field.It can have null values.It will not take any special characters, numbers or dot.

Trade/Branch: This will be the name of Trade/Branch of the service personnel. The values will come from Trade/Branch master.
It Can have null Values.

DOE/DOC: Date of enrollment/ commission of the service personnel. It is an enterable field. It can have null value. Total Service: Total serving time of the service personnel. It will get calculated as per DOE/DOC entered, user cannot change the value. If DOE/DOC not entered then user can select the total service in years/ months or days. It can have null value.

Section: This will be the name of Section of the service personnel. It will be a list element. The values will come from Section Master. It Can have null values.

Unit: This will be the Unit of the service personnel. It will be a list element. The values will come from Unit master. It can have null values.

Station: This will be the Station of the service personnel. The values will come from Station Master. It can have null Values.

Command: This will be the command name of the service personnel. The values will come from Command Master. It can have null Values.

Record Office: This will be a list element (Selectable). The value will come from Record office master. It can have null values.

Personal Details:

Gender: This will be a list element (Selectable). The value will come from gender master. It cannot have null values.

DOB
(Date of Birth): This is an enterable field in the format of DD/MM/YYYY. It can have null values.

Age: This is an enterable field. The system calculates the approximate age if date of birth has been entered. If DOB is not available, then the approximate age of the patient will be entered. It cannot have null values.
It can have numbers from 18 to 120 years.

Marital Status: This will be the Marital Status of the service personnel. The values will be Unmarried, Married, Divorcee, Separated. It can have null value.

Religion: This will be the Religion of the service personnel. This will be a list element (Selectable). The value will come from Religion master. It can have null value.

AFNET No.: It will be enterable field. It can have null value.

Telephone No. (Office): This will be the Telephone no. (Office) of the service personnel. It is enterable field. It can have null values.

Mobile No: It is the mobile no. of the service personnel. It is enterable field
It can have null values.

Telephone No. (Res.): This will be the Telephone no. (Residence) of the service personnel. It is enterable field. It can have null values.

Local Address: Local address of the service personnel. It will be an enterable field. It can have null value.

City: Local city of the service personnel. It will be a list field. Value will come from city master. It can have null value.

Other Contact Nos.: User can enter multiple contact nos. It is enterable field
It can have null values.

Permanent Address: Permanent address of the service personnel. It will be an enterable field. It can have null value.

City: Permanent city of the service personnel. It will be a list field. Value will come from city master. It can have null value.

Telephone No.: This will be the contact no. (Permanent address) of the service personnel. It is enterable field. It can have null values.

Police Station: It will be enterable field. User can enter local or nearest police station name. It can have null value.

Pin Code: It will be enterable field. User can enter pin code. It can have null value.

NOK Details

NOK1

Name: It is an enterable field. User can enter the first and last name of NOK.
If Patient is dependent then system will display NOK Name as service personnel name. It can have null value.

Relation: It will be a selectable field. User can select the patient's relation with NOK, value will come from relation master. It cannot have null value if NOK name entered.

Contact no.: It will be enterable field. User can enter the contact no. of NOK.
It cannot have null value if NOK name entered.

Address: It will be enterable field. User can enter the address of NOK.
It cannot have null value if NOK name entered.

Police Station: It will be enterable field. User can enter local or nearest police station name. It can have null value.

Pin Code: It will be enterable field. User can enter pin code.
It can have null value.

NOK2

Name: It is an enterable field. User can enter the first and last name of NOK.
If Patient is dependent then system will display NOK Name as service personnel name. It can have null value.

Relation: It will be a selectable field. User can select the patient's relation with NOK, value will come from relation master. It cannot have null value if NOK name entered.

Contact no.: It will be enterable field. User can enter the contact no. of NOK.
It cannot have null value if NOK name entered.

Address: It will be enterable field. User can enter the address of NOK.
It cannot have null value if NOK name entered.

Police Station: It will be enterable field. User can enter local or nearest police station name. It can have null value.

Pin Code: It will be enterable field. User can enter pin code. It can have null value.

Medical Details

Blood group: This will be the Blood Group of the service personnel. This will be a list element (Selectable). The value will come from Blood Group master.
It can have null values.

Family History: It will be a selectable field. User can select complain related family history, if any. It can have null value.

Smoker
<10: It will be logical field. User can check it if patient smokes more than 10 times. It can have null value.

>10: It will be logical field. User can check it if patient smokes less than 10 times. It can have null value.

Alcohol: It will be a selectable element. User can select the value from drop down (Occasional/ Moderate/ Heavy). It can have null value.

Immunization: On click of "Immunization details" a popup will appear having option to enter multiple immunizations details with date.

Allergies: On click of “Allergies” a popup will appear having option to enter multiple allergies with description, type, severity, reaction and since.
The same detail will display at OPD module, and if at OPD module allergies details have entered then it should be display here.

OPD: It will be logical field. User will check it, if it is a fresh visit of the patient. It can have null value.

Follow Up: It will be logical field. User will check it, if it is a follow-up visit of the patient. On check of follow-up, department combo will be enable to select the follow up department. It can have null value.

Doctor (MO): This will be the name of the doctor (MO), selected for fresh visit/ follow-up visit created. The values come from employee master, where employee type = doctor. It cannot have null value if OPD or Follow-up has been checked.

Priority: It will be list element. Based on the condition of the patient user can mark the priority to consult the MO at OPD.
Value will be 1, 2 and 3. By default value will be 3. It cannot have null value.

Med Exam: It will be logical field. User will check it, if service personnel reporting for medical exam. It can have null value.

Med Board: It will be logical field. User will check it if service personnel reporting for medical board. It can have null value.

Physio.: It will be logical field. User will check it, if visit created for physiotherapy. It can have null value.

Treatment Rm: It will be logical field. User will check it, if visit created for treatment room (for minor procedure, injection administration etc.). It can have null value.

FWC: It will be logical field. User will check it, if visit created for Family Welfare Centre. It can have null value.

Dental: It will be logical field. User will check it, if visit created for Dental treatment. It can have null value.

Radiology: It will be logical field. User will check it, if visit created for radiological investigations. It can have null value.

Send: It will allow user to Send/submit record. The data will move to the respective module for which the visit is created. On click of the Send button the patient will get register, if unregistered and HIN will be generate, visit no. and token no. will get generated and the same will get display in OPD waiting list.

Reset: It will clear the existing records of the screen and will allow user to enter the fresh records.

Previous visit: It will facilitate user to view the previous visit details of the patient.

Appointment: It will facilitate user to enter/ view appointment details.

Track Pt: On click of the Track patient button a new screen will display to track the patient visited time to the different department for the date.

Import HIC: It will fetch the service personnel and dependant details from HIC database and will save the data in SMC database at the time of Submitting the record.

Update HIC: System will facilitate to update HIC database from IAF Mednet database.

Search: It will enable user to search service personnel/ patient record using multiple searching criteria.

Print: It will enable user to print the registration card based on the service no. and HIN entered.

Dependant Details Grid: This will display the Name, DOB, and Relation with the service personnel, Income, Employment Status, Age and Gender of dependant along with Date of dependency, authority and date of removal of dependency. If the patient is dependent then on clicking on the particular dependent details system will move to Patient Details screen and the values of name, DOB, relation, age and gender field will get display on the screen automatically.

Dental Waiting List

It shows the list of patient who are waiting for doctor. It will display the value based priority and token no. issued by Reception.

Service No.: It is an enterable field. Here, the service no. of the service personnel should be entered with respective prefix or suffix.
It is a unique number assigned to the service personnel. It cannot have null values.

Patient Name: This will be an enterable field. If patient is registered and HIN selected then it will display the name of the patient. It cannot have null values.

Relation: It will be a selectable field. User can select the patient's relation with NOK, value will come from relation master. It cannot have null value if NOK name entered.

Rank: The Rank of the service personnel. This will be a list element (Selectable). The values will come from Rank Master.
It will fetch the record based on the selected service type. It cannot have null values.

Name: This will be an enterable field. User can enter service personnel name for search. It cannot have null values.

Age: This is an enterable field. The system calculates the approximate age if date of birth has been entered. If DOB is not available, then the approximate age of the patient will be entered. It cannot have null values. It can have numbers from 18 to 120 years.

Gender: This will be a list element (Selectable). The value will come from gender master. It cannot have null values.

Token Display Screen

This screen will display at the patient waiting room. It will display the current token no. and patient name who is consulting now with concerned MO.

Whenever medical officer clicks on the waiting list grid at Dental waiting list to consult the patient, Dental token display screen displays that token no. with patient name.

It helps patients to estimate his turn of consultation.

Room No.	Medical Officer	Patient Name	Token No.
-	Sqn Ldr Sarita Panwar	Air Cmde VISHAL	1
-	Gp Capt N T Manikantan	CPL SURESH KUMAR	2

Room 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.

Medical Officer: It will be a display element. It displays the name of the consultant (Medical officer).

Patient name: It will be a display element. It displays the patient name whose turn has come to consult the concerned consultant (medical officer).

Token No.: It will be a display element. It displays the token no. of patient whose turn has come to consult the concerned consultant (medical officer).

Dental Treatment Screen

When patient has been selected from Dental waiting list grid, Dental main screen will open with service personnel details, patient details, patient's previous medical/ clinical details and option to write complaints/ vitals/ past medical history etc.

With help of the screen MO can advice for investigations/ minor procedures/ physiotherapy/ admission/ MH run, generate prescription, enter diagnosis details etc. Apart of this, screen assist MO with help of Symptom assist, Treatment assist and Diagnosis assist.

In a nut shell, MO can do his regular Dental activities; can view all medical/ clinical details of patient through single screen.

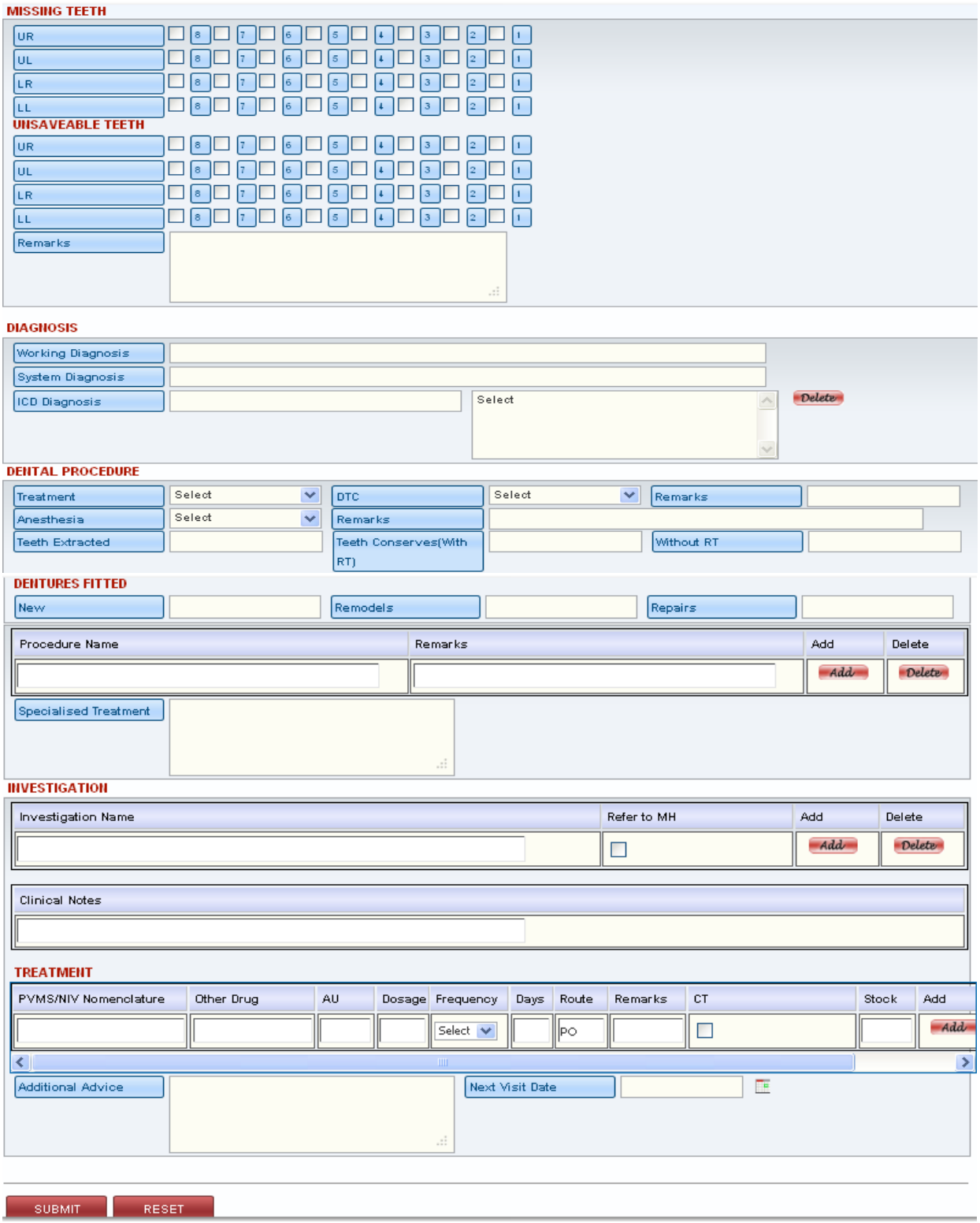

MISSING TEETH
UR
UL
LR
LL
UNSAVEABLE TEETH
UR
UL
LR
LL
Remarks
DIAGNOSIS
Working Diagnosis
System Diagnosis
ICD Diagnosis
Select
Delete
DENTAL PROCEDURE
Treatment
Select
DTC
Select
Remarks
Anesthesia
Select
Remarks
Teeth Extracted
Teeth Conserves(With RT)
Without RT
DENTURES FITTED
New
Remodels
Repairs
Procedure Name
Remarks
Add
Delete
Add
Delete
Specialised Treatment
INVESTIGATION
Investigation Name
Refer to MH
Add
Delete
Add
Delete
Clinical Notes
TREATMENT
PVMS/NIV Nomenclature
Other Drug
AU
Dosage
Frequency
Days
Route
Remarks
CT
Stock
Add
Select
PO
Add
Additional Advice
Next Visit Date
SUBMIT
RESET

Figure: 3

Patient Details: It will display the Patient Name, Relation, Service No, Rank, Name, Unit, Age, Gender and Trade/Branch of the patient. These all will be read only fields.

Patients Complaints

Main Complaint: This combo box contain the problem regarding dental.

Since: It is a enterable field. It contain the No. of Days, Weeks, Months and Year from when the patient have problem.

Remarks: It is an enterable field. User can enter any remarks for that particular problem.

Associated Complaint: This combo box contain the associated problem regarding dental.

Since: It is an enterable field. It contains the No. of Days, Weeks, Months and Year from when the patient have problem.

Remarks: It is an enterable field. User can enter any remarks for that particular problem. Complaint Descriptions: It is an enterable field. It contains the description regarding complaint.

Oral Health Condition and Findings

Total No. of Teeth: Total No. of Teeth of the service personnel. Total No. of Defective Teeth: Total No. of Defective Teeth of the service personnel. Total No. of Dental Points: Total No. of Dental Points of the service personnel.

Total No. of Defective Teeth: Total No. of Defective Teeth of the service personnel.

Total No. of Dental Points: Total No. of Dental Points of the service personnel.

Missing: No. of missing teeth.

Unsaveable: No. of unsaveable teeth.

Condition of Gums: Condition of the gum of the service personnel.

Missing Teeth

Missing UR/UL/LR/LL: Details of missing teeth of service personnel.

Unsaveable UR/UL/LR/LL: Detail of unsaveable teeth of service personnel.

Remarks: Remarks from dentist. It can have null value.

Diagnosis

Working Diagnosis: It is an enterable field. User can enter working diagnosis details of the patient. It can have null value.

System Diagnosis: It is a selectable field. User can select multiple system diagnosis. It should have tooltip of instruction to use multi selection facility.
Data will fetch from system diagnosis master. It can have null value.

ICD Diagnosis: It is an enterable field. User can enter ICD Name. Based on the ICD name entered value will fetch and display in List box. User can select any one. Data will fetch from ICD master. On selection of ICD name value will display in multiple selection list box. Where user can add or delete multiple ICD name. It can have null value.

Dental Procedure

Treatment: This combo box contain PI, PII and PIII value. DTC: This combo box contain PI, PII and PIII value.

DTC: This combo box contain PI, PII and PIII value.

Remarks: Remark from Dentist. It can have Null value.

Anesthesia: It will be an enterable field.

Remarks: It is an enterable Field. Remarks regarding Anesthesia.

Teeth Extracted: This text box contain No. of teeth that are to be extracted. Teeth Conservation(With RT): It is a enterable field. It contain the No. of teeth that are conservated with Root Tip Resection Treatment.

Teeth Conservation (With RT): It is an enterable field. It contains the No. of teeth that are conservated with Root Tip Resection Treatment.

Without RT: It is an enterable field. It contains the No. of teeth that are not conservated with Root Tip Resection Treatment.

Dentures Fitted

New: It is an enterable field. It contains the No. of New Dentures Fitted.

Remodels: It is an enterable field. It contains the No. of remodel Dentures Fitted.

Repairs: It is an enterable field. It contains the No. of New Dentures Fitted.

Procedure Name: It is an enterable field. Dentist can enter Procedure Name.
Remarks: It is an enterable field. Remarks regarding Dentures Fitted.

Remarks: It is an enterable field. Remarks regarding Dentures Fitted.

Add/Delete: User can add or delete the row from the list by clicking on these buttons. Specialized Treatment: It is a enterable field. It contain any other special treatment regarding Dental.

Specialized Treatment: It is an enterable field. It contains any other special treatment regarding Dental.

Investigation

Investigation Name: It is a selectable field. User can enter the investigation name, based on the test name entered the investigation name will appear in list box. User can select the Investigation name. Value will fetch from investigation master. User can add or delete the particular investigation by clicking on add and delete button.

Refer to MH: It will be a logical field.
User can check it, if the test is referred to MH. Referred test will not appear in diagnostic module of Mednet.

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

Clinical Notes: It is an enterable field. User can enter the clinical notes if required for the investigation raised for the patient.

Treatment

Nomenclature: It is a selectable field. User can enter the Drug name, based on the name entered the drug list will appear in list box. User can select the drug name. Value will fetch from medicine master.

Dosages: It will be an enterable field user can enter the dosage for the medicine.

Frequency: It will be a selectable field. User can select the frequency. The value will come from frequency master.

No. of Days: It will be an enterable field user can enter the no of days to take the medicine.

Route: It will be an enterable field. User can enter the route name here in case of injection. Default value should be 'PO'

Remarks: User can enter any remarks for that particular medicine. This will get print on the prescription slip.

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

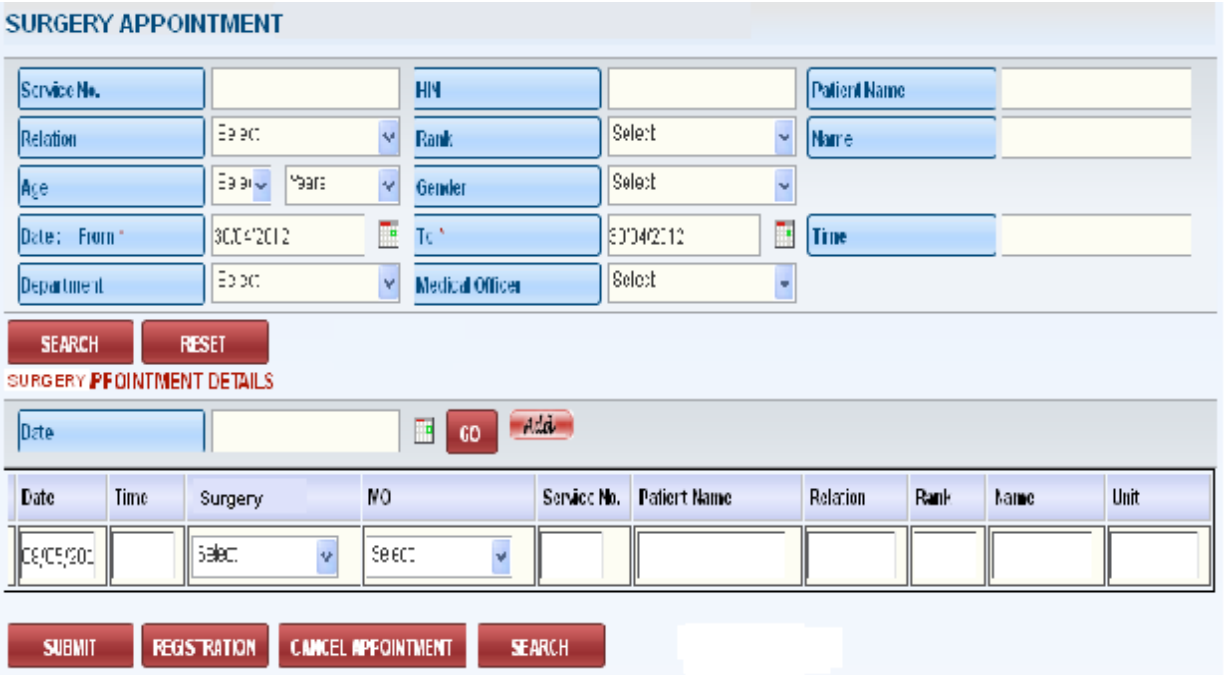
Additional Advice: It is an enterable field. MO can enter additional advice to the patient. It can have null value.

Submit: On click of the button system will submit the records to the database. On submit a message will display to print Case sheet (Referral), Prescription, Investigation slip, Dental case sheet and option to open email on AFNET. If email option clicked, an email box will appear with Dental case sheet as attachment.

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

Surgery Appointment

Appointment details can be entered directly or through registration screen. In case entered through registration screen, patient data will be auto populated. The receptionist will be able to view the other appointment for the doctor/ department on a selected date.



Service No.: It is an enterable field. Here, the service no. of the service personnel can be entered for search purpose. It can have null values.

HIN: This will be a list element. Data will fetch base on the service no. entered. It can have null Values..

Patient Name: This will be an enterable field. If patient is registered and HIN selected then it will display the first name and last name of the patient. It can have null values.

Relation: This will be a selectable field. Data will come from relation master. User can select relation for search. It can have null values.

Rank: This will be a selectable field. Data will come from rank master. User can select rank for search. It can have null values.

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

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

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

Date (From): It will be an enterable field. User can enter 'from date' of appointment for search data. It cannot have null value.

Date (To): It will be an enterable field. User can enter 'to date' of appointment for search data. It cannot have null value.

Time: It will be enterable field. User can enter the time of appointment for search. It will from 0000 hr to 2400 hrs. It can have null values.

Department: This will be the name of the department for which appointment has to be given. This will be a list element (Selectable). Where user can select the department for search the specific record. It can have null values.

Medical Officer: This will be the name of the Medical officer for which appointment search is required. This will be a list element (Selectable). It cannot have null values.

Search: It will enable user to search appointment record using multiple searching criteria.

Reset: It will clear the Existing Record and allow user to enter the new record.

Appointment List Grid: It will display the search result. Based on the given searching criteria it will display the value with radio button and option to add more records.

Date: It will be an enterable field. User can enter date for appointment. It cannot have null value.

Time: It will be enterable field. User can enter the time of appointment. It will from 0000 hr to 2400 hrs. It cannot have null Values

Department: This will be the name of the department for which appointment has to be given. This will be a list element. value will come from a department master table. It can have null values.

Medical Officer: This will be the name of the Medical officer for which appointment has to be given. This will be a list element. It can have null values.

Service No.: It is an enterable field. Here, the service no. of the service personnel can be entered. It cannot have null values

Patient Name: This will be an enterable field. If patient is registered then all registered patient list for service no. entered will display where user can select one name. It cannot have null value.

Relation: Based on the selected patient name it will display the relation

Rank: Based on the entered service no. it will display the rank

Name: Based on the entered service no. it will display service personnel name.

Unit: Based on the entered service no. it will display unit of service personnel

Add/ Delete: With help of the Add/ Delete button, user can add or delete the row.

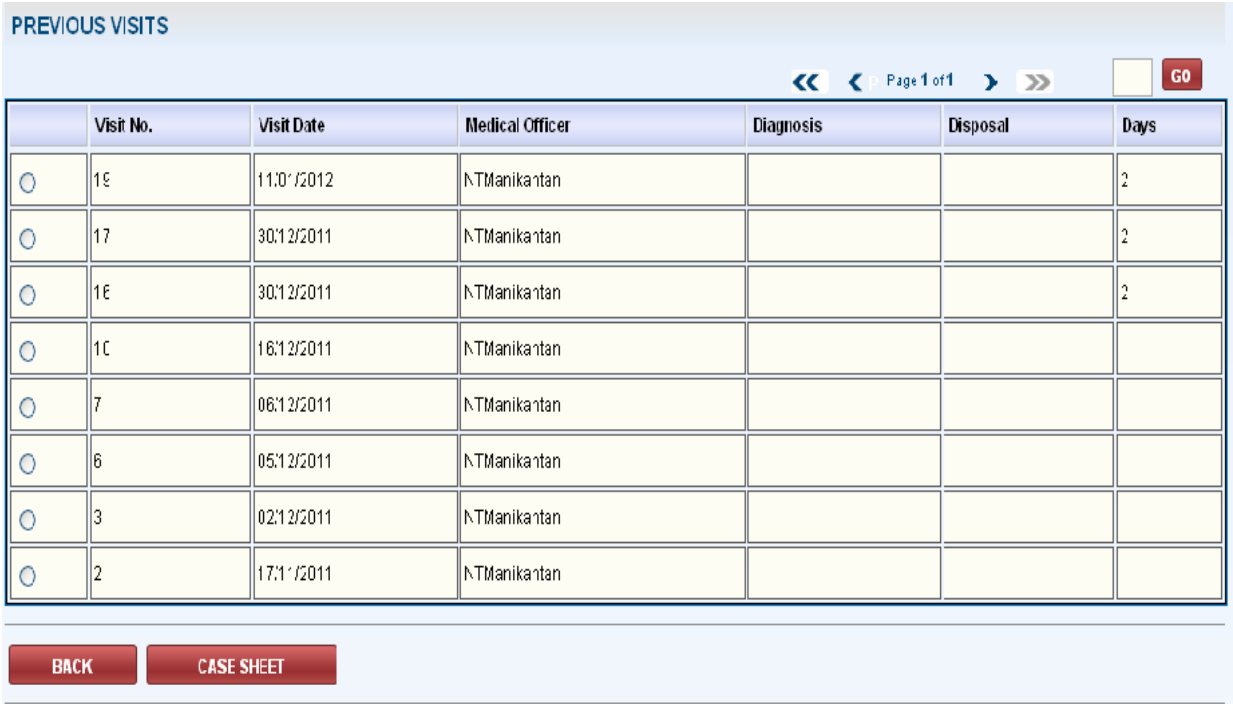
Submit: It will allow user to Submit New Record. It will generate an appointment no. and appointment slip.

Registration: It will navigate the cursor to patient registration screen with related data to create new visit.

Cancel Appointment: It will cancel the selected appointment record.

Previous Visits

When MO will click the previous visits button, system will display the list of the previous visits details of the particular patient in the grid.



	Visit No.	Visit Date	Medical Officer	Diagnosis	Disposal	Days
○	19	11/01/2012	NTManikantan			2
○	17	30/12/2011	NTManikantan			2
○	16	30/12/2011	NTManikantan			2
○	10	16/12/2011	NTManikantan			
○	7	06/12/2011	NTManikantan			
○	6	05/12/2011	NTManikantan			
○	3	02/12/2011	NTManikantan			
○	2	17/11/2011	NTManikantan			

Radio button: User can select it if case sheet for concerned visit needed to view or print.

Visit No.: It will display the visit no. On click of any row label, visit details will display.

Visit Date: It will display date of visit.

Medical Officer: It will display the name of medical officer of that visit. On click of any row label, visit details will display.

Diagnosis: It will display the diagnosis given by MO for that visit. On click of any row label, visit details will display.

Disposal: It will display the disposal of that visit. On click of any row label, visit details will display.

No. of Day(s): It will display no. of days of disposal.

Back: It will navigate the cursor to Dental main screen.

Case Sheet: It will display the case sheet of selected (radio button) visit no. User can view or print case sheet as required.

If medical officer want to view further details of the particular visit then he needs to click on the particular visit record then the system will display the visit details in the following view only format.

Previous: It will display previous visit details in the screen.

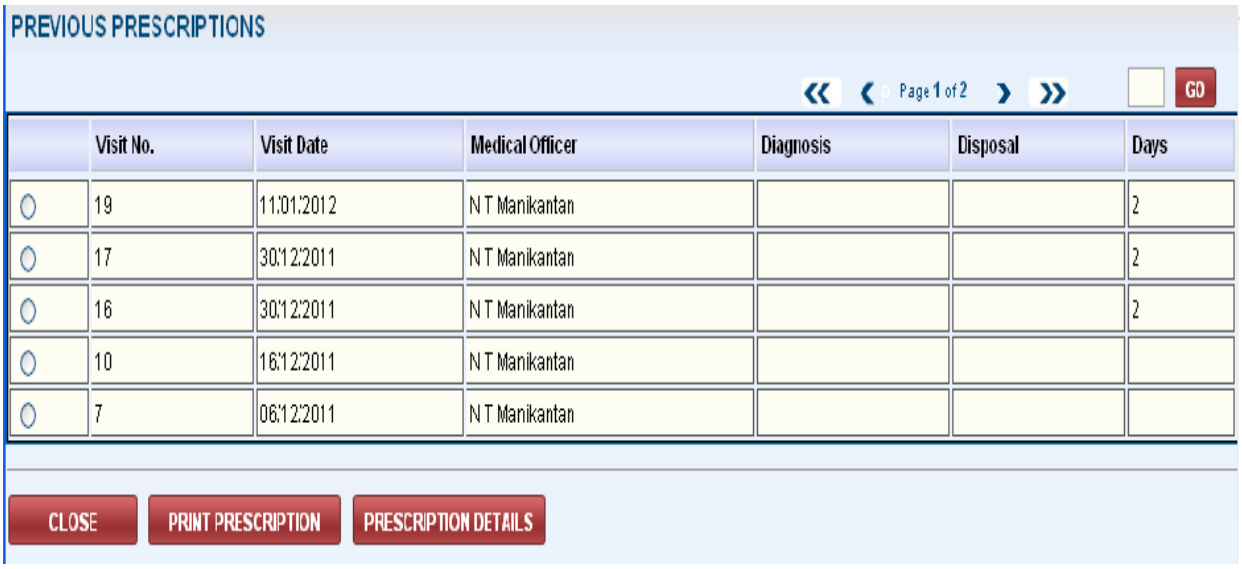
Next: It will display next visit details in the screen.

Back: It will navigate the cursor to previous visit screen.

Case Sheet: It will display the case sheet of that visit user can view or print case sheet as required.

Previous Prescriptions

When MO will click the previous prescriptions button, system will display the list of the previous prescriptions with concerned visit no. in the grid having option to view and print the prescription slip.



	Visit No.	Visit Date	Medical Officer	Diagnosis	Disposal	Days
○	19	11/01/2012	N T Manikantan			2
○	17	30/12/2011	N T Manikantan			2
○	16	30/12/2011	N T Manikantan			2
○	10	16/12/2011	N T Manikantan			
○	7	06/12/2011	N T Manikantan			

Radio button: User can select it if prescription slip for concerned visit needed to view or print.

Visit No.: It will display the visit no. On click of any row label, prescription details will display.

Visit Date: It will display date of visit. On click of any row label, prescription details will display.

Medical Officer: It will display the name of medical officer of that visit. On click of any row label, prescription details will display.

Diagnosis: It will display the diagnosis given by MO for that visit. On click of any row label, prescription details will display.

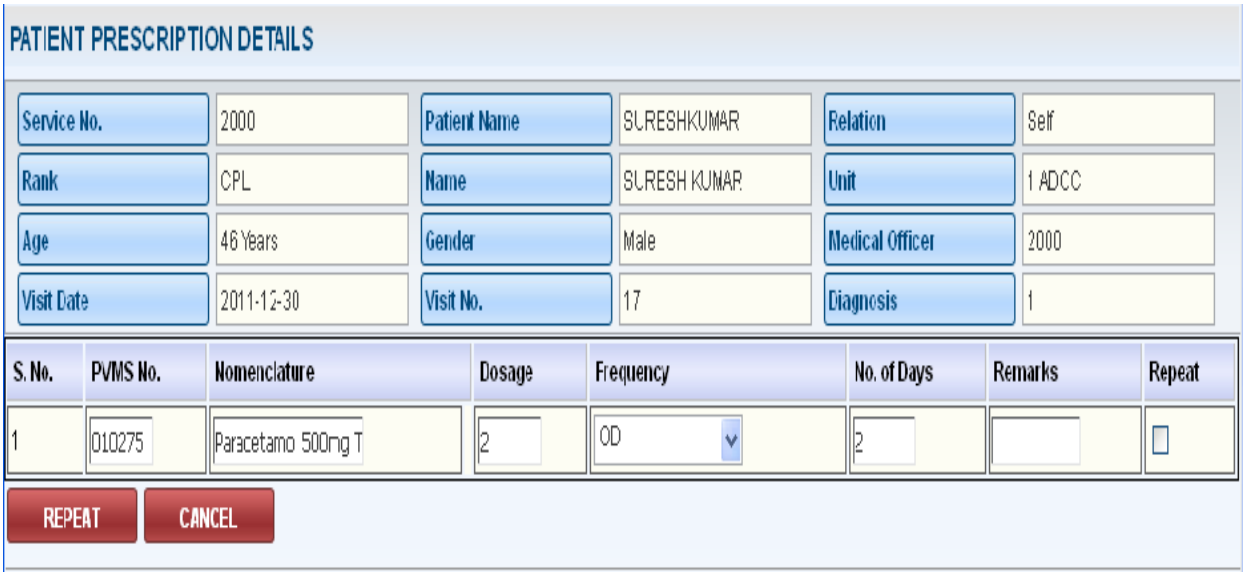
Disposal: It will display the disposal of that visit. On click of any row label, prescription details will display

No. of Day(s): It will display no. of days for the given disposal.

Back: It will navigate the cursor to Dental main screen.

Print Prescription: It will print/ display the prescription slip of selected (radio button) visit no. User can view or print prescription slip as required.

If medical officer want to view further details then he needs to click on the particular visit record then the system will display the prescription details having option to repeat prescription.



Patient details: It will display the demographic/ visit details of the selected patient.

Sl. No.: It will display the serial no. of the drug prescribed.

PVMS No.: It will display the PVMS no. of prescribed drug.

Nomenclature: It will display the name of prescribed drug.

Dosages: It will display the dosage of prescribed drug.

Frequency: It will display the frequency of prescribed drug.

No. o f Days: It will display no. of days of prescribed drug.

Remarks: It will display remarks, if any of prescribed drug.

Repeat: It will be a logical field. User can check it if he wants to repeat selected drug for current visit. After checking it and click on OK button same drug with other row value will appear in the treatment grid of Dental main screen.

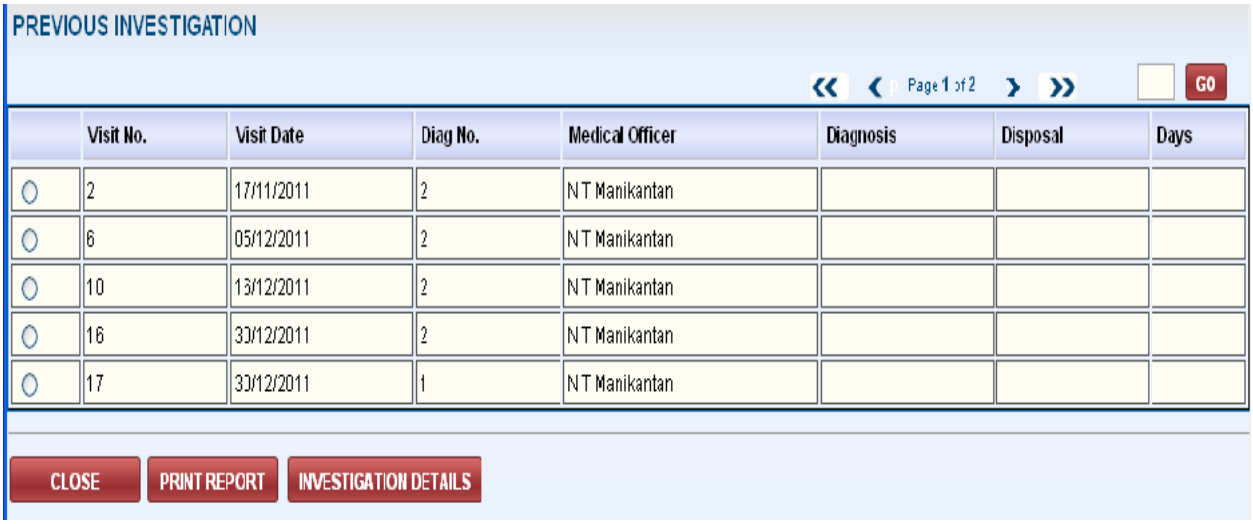
OK: On click of the button, selected drug with other row value will appear in the treatment grid of Dental main screen.

Back: It will navigate the cursor to Dental main screen.

Print Prescription: It will print/ display the prescription slip. User can view or print prescription slip as required.

Previous Investigations

When MO will click the previous investigation button, system will display the list of the previous investigation with concerned visit no. and diagnostics no. in the grid having option to view and print the result.



	Visit No.	Visit Date	Diag No.	Medical Officer	Diagnosis	Disposal	Days
○	2	17/11/2011	2	NT Manikantan			
○	6	05/12/2011	2	NT Manikantan			
○	10	13/12/2011	2	NT Manikantan			
○	16	30/12/2011	2	NT Manikantan			
○	17	30/12/2011	1	NT Manikantan			

Radio button: User can select it if result for concerned visit and diagram. no. needed to view or print.

Visit No.: It will display the visit no. On click of any row label, investigation details will display.

Visit Date: It will display date of visit. On click of any row label, investigation details will display.

Diag. No.: It will display the diagram. no. of the investigation request. Diagram. no. generates at the time of sample collection at diagnostics department. On click of any row label, investigation details will display.

Medical Officer: It will display the name of medical officer of that visit. On click of any row label, investigation details will display.

Diagnosis: It will display the diagnosis given by MO for that visit. On click of any row label, investigation details will display.

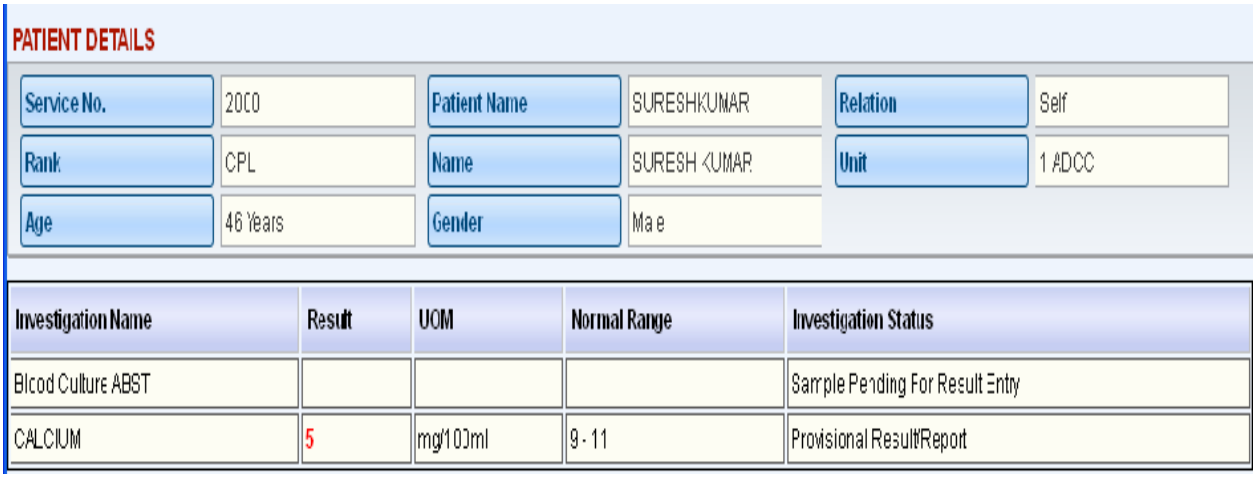
Disposal: It will display the disposal of that visit. On click of any row label, investigation details will display.

No. of Day(s): It will display No. of days of given disposal.

Back: It will navigate the cursor to Dental main screen.

Print Report: It will print/ display the investigation result of selected (radio button) diagram no. User can view or print investigation result as required.

If medical officer want to view further details then he needs to click on the particular visit record then the system will display the prescription details having option to repeat prescription.



PATIENT DETAILS

Service No.	2000	Patient Name	SURESHKUMAR	Relation	Self
Rank	CPL	Name	SURESH KUMAR	Unit	1 ADCC
Age	46 Years	Gender	Male		

Investigation Name	Result	UOM	Normal Range	Investigation Status
Blood Culture ABST				Sample Pending For Result Entry
CALCIUM	5	mg/100ml	9 - 11	Provisional Result/Report

Patient details: It will display the demographic/ visit details of the selected patient.

Clinical Notes: It will display the clinical notes given by MO at the time of investigation requisitions.

Sl No.: It will display the serial no. of the investigation (test) prescribed.

Test Name: It will display test (Investigation) name.

Repeat: It will be a logical field. User can check it if he wants to repeat selected investigation for current visit. After checking it and click on OK button same investigation (test) will appear in the investigation grid of Dental main screen.

Result: On click of the button, result of concerned test will display.

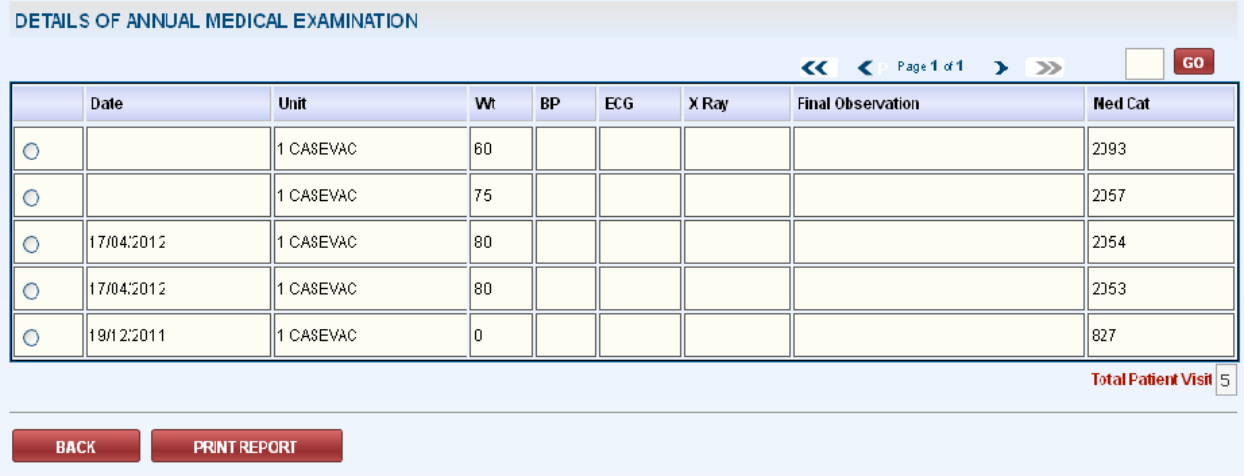
OK: On click of the button, selected test name will appear in the treatment grid of Dental main screen.

Back: It will navigate the cursor to Dental main screen.

Print Result: It will print/ display the investigation result. User can view or print it as required.

Previous Medical Exams

The screen facilitates MO to view previous medical examination details of the service personnel.



	Date	Unit	Wt	BP	ECG	X Ray	Final Observation	Med Cat
		1 CASEVAC	60					2093
		1 CASEVAC	75					2057
	17/04/2012	1 CASEVAC	80					2054
	17/04/2012	1 CASEVAC	80					2053
	19/12/2011	1 CASEVAC	0					827

Date: It will display the date of Medical examination held. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

Unit: It will display the unit of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

Wt.: It will display the weight of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

BP: It will display the BP of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

ECG: It will display the result of ECG of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

X-Ray: It will display the result of x-ray of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

Final Observation: It will display the final observation, of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

Med. Cat.: It will display the medical category if any, of service personnel at the time of medical examination. On click of any row label, Annual medical examination detail (AFMSF-3B) will display.

Back: It will navigate the cursor to Dental main screen.

Previous Medical Board:

The screen facilitates MO to view previous medical board details of the service personnel.

Date: It will display the date of Medical board held. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Unit: It will display the unit of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Wt.: It will display the weight of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

BP: It will display the BP of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Med Cat: It will display the medical category of service personnel awarded by the medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Disability %: It will display the disability %, if any, of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Attributability: It will display the final Attributability (Yes/No). On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Aggravation: It will display the final Aggravation (Yes/No). On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Injury Report/ Charter of Duties: It will display the Injury Report status of service personnel at the time of medical board.
Value will be “Yes/No/NA”. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Charter of Duties: It will display the charted of duties of service personnel.
Value will be “Yes/No/NA”. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

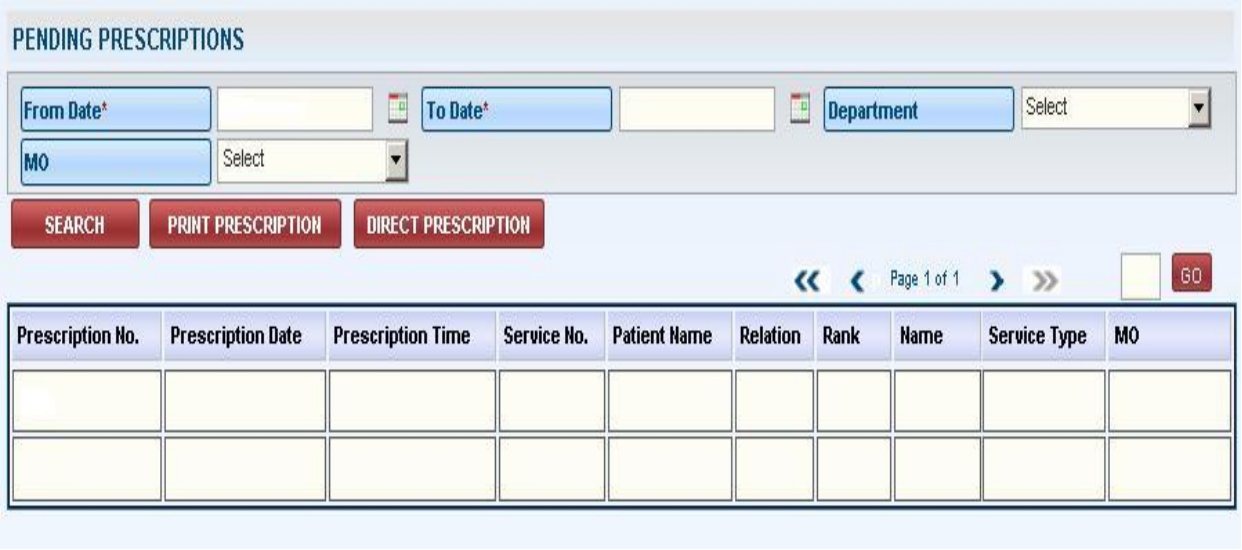
Empl Restrictions: It will display the Employee Restrictions if any, of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Medication: It will display the medication if any, of service personnel at the time of medical board. On click of any row label, Medical board proceeding detail (AFMSF-15) will display.

Back: It will navigate the cursor to Dental main screen.

Pending Prescription

This screen will display the list of prescription pending for medicine issue. By default current date prescription will be displayed.



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 will be a list element (Selectable). The values will come from Department Master. It cannot have null values.

MO: This will be a list element (Selectable). The values will come from Employee Master. Only doctor name should be display for login SMC. It can have null values.

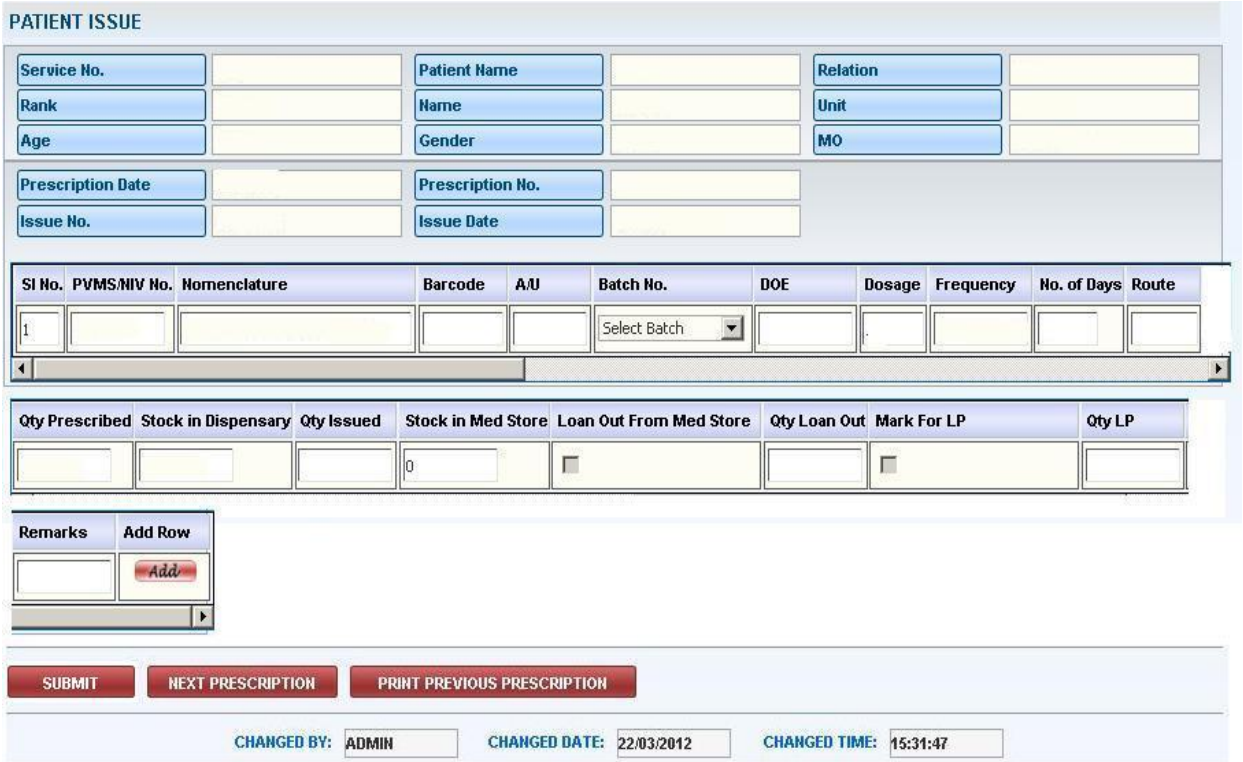
Search: On click of Search button prescription list will be displayed for given parameter.

Patients Prescription Grid: On click of any grid row, Patient Issue screen will be displayed.

Prescription No., Prescription Date, Prescription Time, Service No., Patient Name, Relation, Rank, Name, Service type, MO: These are display fields. It cannot be null.

Patient Issue

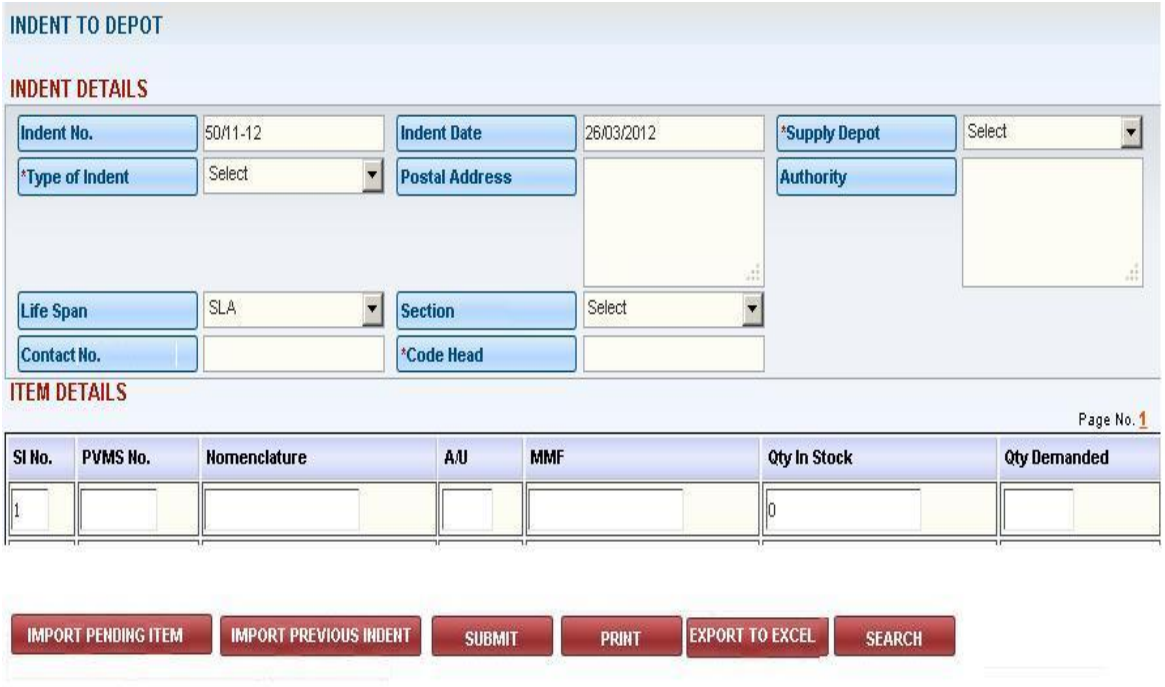
This screen will facilitate the user to issue drugs against prescription. This screen will be displayed on click of pending prescription grid.



Inventory

Indent to Depot

This screen will facilitate the user to generate indent to depot.



Indent No.: The value will be Auto generated based on the current financial year. Indent No. Format will be 1/11-12. It cannot have null values.

Indent Date: It will be an enterable field. It will have the default value as current date. It cannot have null values.

Supply depot: This will be a selectable field. Data will come from depot master. It cannot have null value.

Type of Indent: The type of indent is selected here. This will be a list element.

(Selectable) Elements are:-

1.Emergent

2.Six Monthly

It cannot have null values.

Postal address: This is an enterable field. It cannot have null value.

Authority: This is an enterable field. It cannot have null value.

Life Span: The type of Life Span is selected here. This will be a list element.(Selectable) Elements are:-

1.SL
2.LL
It cannot have null values

Section: This will be a list element(Selectable). Data will be displayed from section master. If section is selected then item of selected section should be displayed. It can have null values.

Contact No.: This is an enterable field. It can have null value.

Code head: This is an enterable field. It cannot have null value.

Submit: It will allow user to Submit New Record. It will generate a new indent No.

Import pending item: It will import all item based on selected life span.

Import previous Indent: It will import the previous indent.

Print: It will print the selected indent.

Export to excel: On click of this button data will be export in excel file.

Grid for Indent to depot:

Sl No.: This is auto generated no.

PVMS No.: This is an enterable/display field. it cannot be null.

Nomenclature: This is an enterable/display field. It cannot be null.

A/U(Accounting Unit): This is display field. It cannot be null.

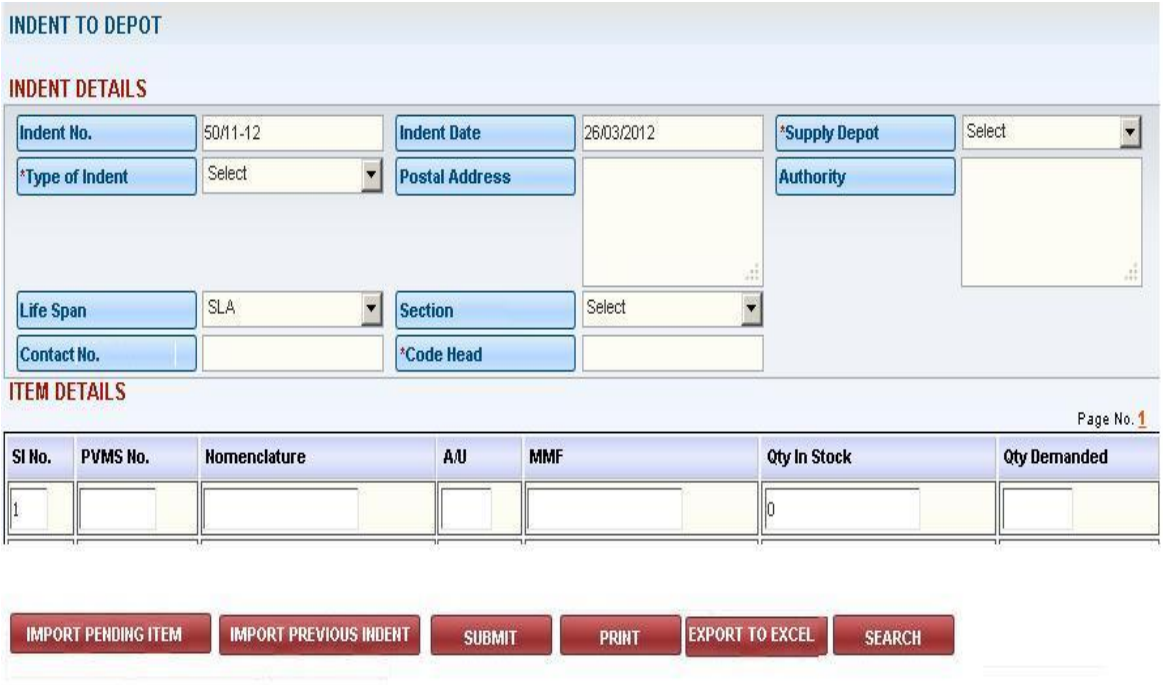
Qty in stock: This is display field. It can be null.

MMF: This is display field. It cannot be null.

Qty Demanded: It is an enterable/display field. It cannot be null.

CRV/RV Entry

This screen will facilitate the user to receive item from AFMSD, Local Purchase, DGAFMS & other sources. If item is received from AFMSD then RV no. is generated. Other than AFMSD, CRV No. is generated.



Source: The Source of the item received is selected here. This will be a list element(Selectable) Elements are:

1. AFMSD
2. Local purchase
3. DGAFMS
4 .Other Sources (CWF, Gift, Others)

It cannot have null values. If source of supply is AFMSD then Depot name will be displayed in combo box for selection. If source of supply is Local Purchase then Vendor name will be displayed in combo box for selection. If source of supply is DGAFMS then Vendor name will be displayed in combo box for selection. Also Text box should be given to enter AT/SO no. If source of supply is Other sources then text box should be displayed for other sources name entry.

CRV/RV No.: This will be a CRV/RV No. The value will be Auto generated based on the current financial year. CRV/RV No. Format will be 1/11-12. It cannot have null values

CRV/RV Date.: The Date of the Certificate of Receipt Voucher/Receipt Voucher. It is an enterable field. It will have the default value as current date. It cannot have null values.

Vendor: The Name of the vendor. This will be a list element (Selectable). The value will come from vendor master. Only active vendor name will be displayed. It can have null values if source of supply is other than local purchase.

SO No.: This will be the Supply Order No. The value will be displayed from SO based on vendor name. Only pending SO No. should be displayed in combo box. A pop up screen will be displayed for item selection for selected SO. It can have null values if source of supply is other than local purchase.

Date Received: The actual date of the receipt of item. It is an enterable field. It will have the default value as current date. It can have null values

Invoice No.: This is the vendor invoice no. /Bill no. This is an enterable field. If source of supply is LP then Invoice no. is mandatory.

Invoice Date: This is the vendor invoice date /Bill date. This is an enterable field. If source of supply is LP then Invoice date is mandatory.

Unpacked/Checked By: The Employee name that will unpack or check the medicines. This will be a selectable field. This will be fetched from the employee master. All active employee of login SMC and Medical store department will be displayed. It can have null values.

Submit: It will allow user to Submit New Record. It will generate a new CRV/RV No.

Search: It will search the data of CRV/RV based on the search criteria. Search will be on CRV/RV No., CRV/RV Date and Vendor Name.

Print: It will print the selected CRV/RV.

CRV /RV Grid: Grid for CRV/RV Details.

Sl No.: Auto increment integer no. display.

PVMS/NIV No.: It is an enterable field. It cannot be null.

Nomenclature: It is an enterable/display field. If PVMS/NIV no. is entered then nomenclature will be displayed. It cannot be null.

A/U: It is display field. It will be displayed based on PVMS/NIV no. It cannot be null.

Serial No.: This is an enterable field. It cannot be null.

Company Name: It will be selectable list. It will come from manufacturer master. It cannot be null.

Quantity Received: This is an enterable field. It cannot be null.

MRP: This is an enterable field. It can be null.

Cost Price: This is an enterable field. It can be null.

Disc.: This is an enterable field. It can be null.

Total: This is calculated field. It can be null.

Reason for demand: This is an enterable field. It can be null.

Manufacturer date: This is an enterable field. It cannot be null.

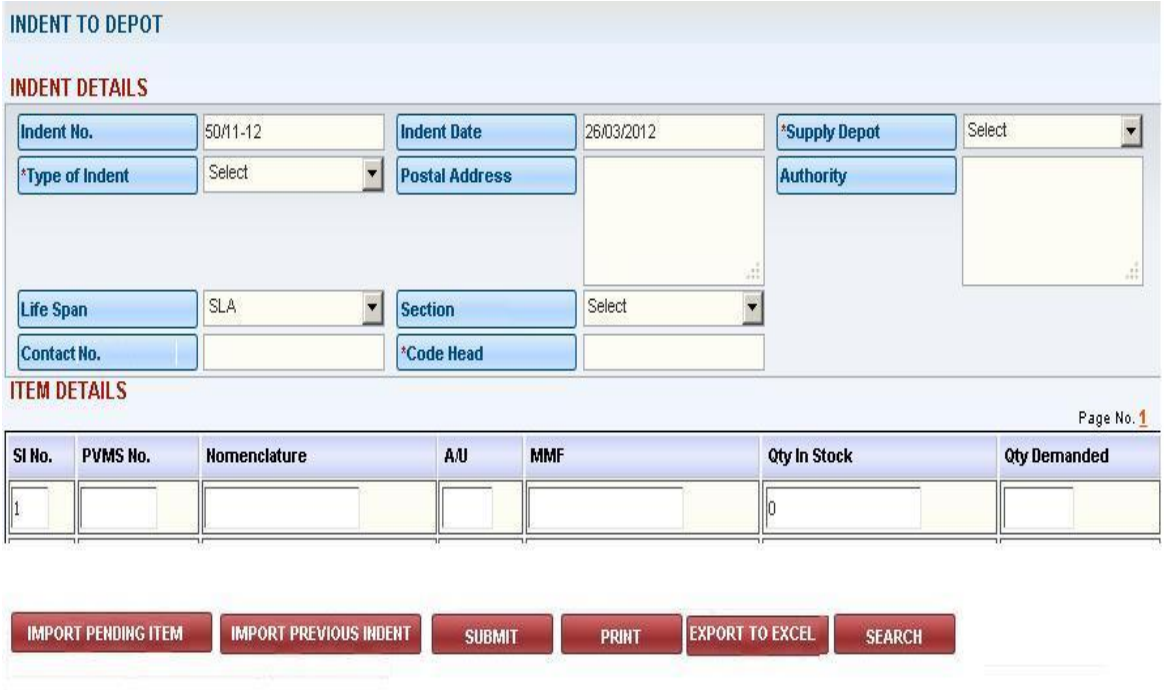
Warranty start date: This is an enterable field. It can be null.

Warranty end date: This is an enterable field. It can be null.

AMC start date: This is an enterable field. It can be null.

Issue to Dispensary (CIV)

This screen will help the medical store user to issue item against demand no. It will first display loan out item taken from medical store.



CIV No.: This is Certificate Issue Voucher (CIV) No. The value will be Auto generated based on the current financial year. CIV No. Format will be 1/11-12. It cannot have null values.

CIV Date: It will have the default value as current date. It cannot have null values.

Issue To: This will be selectable field. This will be fetched from the department master. It cannot have null value.

Indent No.: It will come from the Store Indent Table. Data will be displayed based on Issue to (Department). It is a list (selectable). It cannot have null value.

Indent Date: Based on indent no., indent date will be displayed. It cannot have null value.

Requested by: The Employee who has request the medicines. This will be a selectable field. This will be fetched from the employee master. All active employee of login SMC will be displayed. It can have null values

Issued by: The Employee who will issue the medicines. This will be selectable field. This will be fetched from the employee master. It can have null values

Submit: On click of submit button data will be updated in database.

Search: Search criteria screen will appear to enter search input like CIV No., from date, to date, Issued department.

Issue to dispensary Grid:

Sl. No.: Auto increment integer no. display.

PVMS /NIV No.: This is display field based on indent no. It cannot be null.

Nomenclature: This is display field based on indent no. It cannot be null.

B/G: This is display field based on nomenclature. It cannot be null.

Barcode: It is an enterable/display field. When bar code is entered then batch no, DOE and other data should be displayed automatically. 0It can have null value.

A/U(Accounting Unit): This is display field. It cannot be null.

Batch No.: Data should be displayed based on PVMS/NIV no. Batch no. should be displayed expiry date wise (in ascending order). This will be a list element(Selectable)

If Bar code is entered then Batch no. should be selected automatically from combo box. It cannot be null.

DOM: Data should be displayed based on batch no. it cannot be null

DOE: Data should be displayed based on batch no. it cannot be null.

Source: Data should be displayed based on batch no. It cannot be null

Available Stock: Data should be displayed based on PVMS/NIV no. Sum of all batch stock qty. should be displayed.

Batch Stock: Stock should be displayed based on selected batch no.

Qty Demanded: Data should be displayed based on PVMS/NIV no item from indent table. It cannot be null.

Qty on loan: Data should be displayed based on loan out to selected department against PVMS/NIV no.

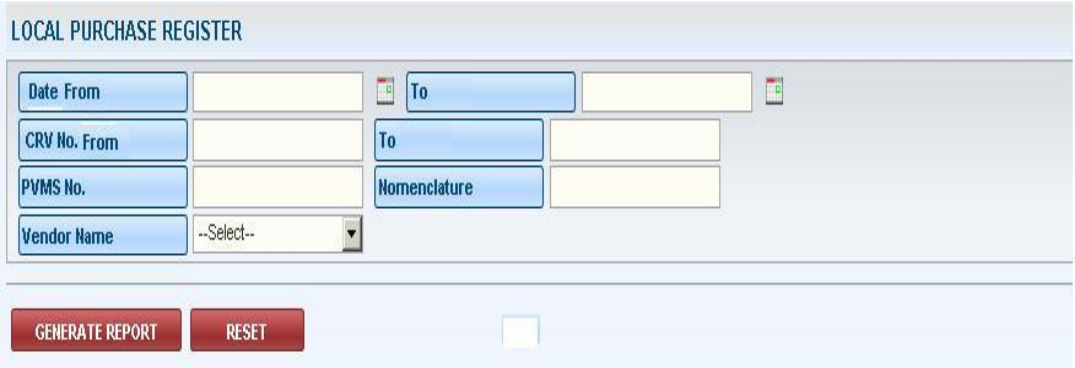
Qty Issued: It is an enterable field. This is actual quantity issued for selected batch no. Qty. cannot be issued more than available batch stock qty. It cannot be null.

Balance after Issue: This is calculated display field. This data should be Available stock – quantity issued.

Add: It will add new row for particular item to issue new batch.

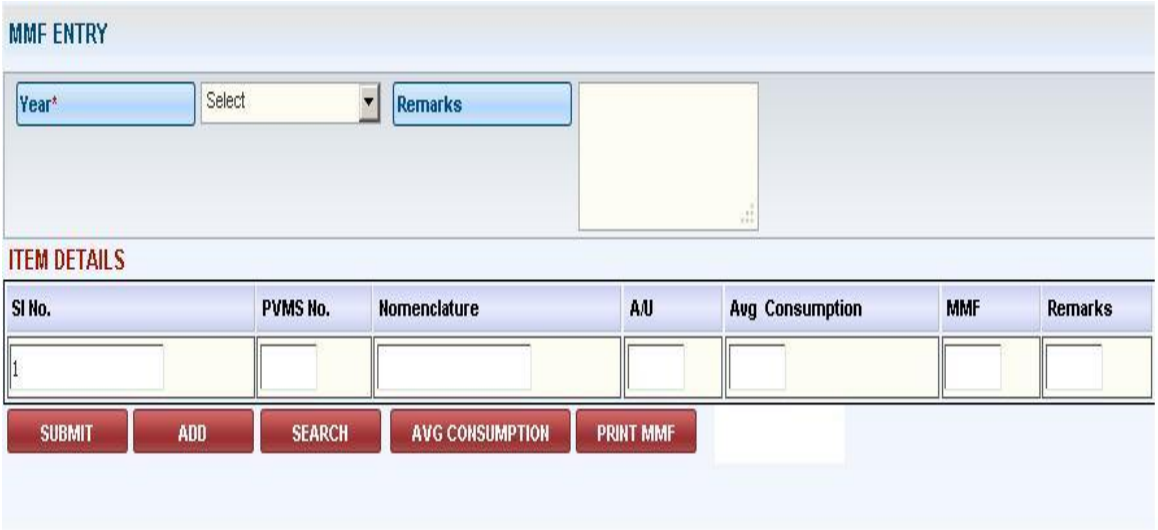
Local Purchase

This screen will display local SO details in given period.



MMF Entry

This screen facilitates the user to enter MMF for selected year. MMF can also be displayed based on consumption in selected period.



Year: This is for selectable field. All previous entered year, current & future year should be displayed. It cannot have null Values.

Remarks: This is an enterable field. It can have null Values.

Submit: It will allow user to Submit New MMF Record.

Print MMF: It will print the selected MMF.

Search: It will search the data of MMF based on the search criteria. Search will be on Year field.

Add: This will display the screen to select the item to add in MMF.

Avg Consumption: This will open a new screen to display item consumption based on given period. User can import MMF based on consumption to save in main screen.

Grid for MMF Entry:

Sl No., PVMS No., Nomenclature, A/U, MMF, Remarks: All these fields data are displayed value.

Reports

1. OPD Case Sheet
2. Prescription
3. Investigation