INTEGRATED MANAGEMENT SYSTEM MANUAL

V.O.CHIDAMBARANAR PORT TRUST



| PROCESS | MEDICALDEPARTMENT |
|---------|------------------------------|
| SECTION | MANUAL FOR MEDI-CARE SERVICE |

| ISSUE NO | : 00 |
|-------------|--------------------------|
| DATE | : 05.07.17 |
| APPROVED BY | Sd/- (05.07.2017) |
| (WITH SIGN) | Dy.Chief Medical officer |
| | |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

| SI.NO | TITLE | PAGE NO |
|-------|--|---------|
| 1 | Cover Page | 1 |
| 2 | Index | 2 |
| 3 | List of Recipients | 3 |
| 4 | Revision Sheet | 4 |
| 5 | Introduction/Quality Policy & Objectives | 5 |
| 6 | Abbreviation | 7 |
| 7 | SIPOC | 8 |
| 8 | Interested Parties | 9 |
| 9 | List of Benchmark | 10 |
| 10 | Examination and Treatment | 11 |
| 11 | In Patient Treatment & ICCU | 13 |
| 12 | Procedure for referral to investigation & Higher Centres | 14 |
| 13 | Procedure for Procurement of drugs and Surgical items | 15 |
| 14 | Outpatient Treatment for Card Holders | 16 |
| 15 | Treatment for Emergency/Cases referred From Town Dispensary | 17 |
| 16 | Treatment of Accident Private Emergency for CHD | 18 |
| 17 | Treatment of Accident Private Emergency of other than Port Employees | 19 |
| 18 | Treatment of Private Paying patients | 20 |
| 19 | Treatment of retired employees from Dispensary | 21 |
| 20 | To Regulate Civil, Electrical and water Supply of Hospital | 22 |
| 21 | Public Health, Sanitation of Hospital, Premises and Security | 23 |
| 22 | Medical Facility to the Port Employees Residing at town | 24 |
| 23 | Organisation Chart | 25 |
| 24 | Risk Assessment and Risk Treatment | 26 |
| 25 | Key Performance Indicator | 26 |
| 26 | Action to Address Risk and Opportunities | 26 |
| 27 | Hazard Identification, Risk Assessment and Controls | 27 |
| 28 | List of Registers, Forms | 28 |
| 29 | List of Equipments | 32 |
| 30 | Common-Follow up action on Internal Audit and NCR, Follow up action on External Audit. | |

INDEX

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

LIST OF RECIPIENTS

| SI.NO | NAME OF THE RECIPIENTS | CONTROLLED COPY NO |
|-------|------------------------|--------------------|
| 1. | Nurse | 1 |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

REVISION SHEET

1. ISSUE STATUS :

| SI.NO | ISSUE NO | DATE | REASON FOR REVISION |
|-------|----------|------------|---|
| 1 | 1 | 05.07.2017 | Upgradation& Integration of QMS(9001:2015),EMS(14001:2015),OHSAS(18001:2007) |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

SCOPE

The Medicare services comprises mainly of the following services:-

- (1) Out Patient Department & Town Dispensary
- (2) In Patient Services
- (3) Pharmacy
- (4) Public Health & Sanitation
- (5) Medical Administrative Office

IMS POLICY OF THE PORT

We are committed to provide seaport facilities and related support services for seaborne transport facilities by –

- Ensuring quality service to EXIM Trade, by adhering all legal requirements.
- Protecting the environment including prevention of pollution.
- Ensuring safety by preventing injury and ill health.
- Continually improving the overall effectiveness of IMS through

Employee motivation and empowerment with social responsibility towards the progress of the Nation.

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

IMS OBJECTIVE OF THE DEPARTMENT

QMS

Core Objective of this department is to provide comprehensive medical care to the full satisfaction of the Port employees and their family members, the retired employees and their spouses, the CISF and others registered with this department.

EMS

To ensure reduction of paper and to conserve energy **OHSAS**

To ensure prevention of ill health and injury.

IMS OBJECTIVE OF THE SECTION

QMS

To provide comprehensive medical careto the satisfaction of the patients.

.EMS

To ensure reduction of paper and to conserve energy.

OHSAS

To ensure prevention of ill health and injury.

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| ABBREVIATIONS | | |
|---------------|---|--|
| СМО | Chief Medical Officer | |
| Sr.Dy. CMO | Senior Deputy Chief Medical Officer | |
| Dy. CMO | Deputy Chief Medical Officer | |
| SMO | Senior Medical Officer | |
| MO | Medical Officer | |
| OPD | Out Patients Department | |
| BP | Blood Pressure | |
| CISF | Central Industrial Security Force | |
| CECRI | Central Electro Chemical Research Institute | |
| MCS | Medicare Services | |
| IPS | In Patient Services | |
| PHR | Pharmacy | |
| MAO | Medical Administrative Office | |
| PHS | Public Health & Sanitation | |
| HEM | Hospital Equipment Maintenance | |
| HIM | Hospital Infrastructure Maintenance | |
| ICCU | Intensive Coronary Care Unit | |
| ECG | Electro Cardio Gram | |
| AS | Assistant Secretary | |
| FA&CAO | Financial Adviser & Chief Accounts Officer | |
| AO(M) | Accounts Officer (Materials) | |
| LDC | Lower Division Clerk | |
| JHI | Junior Health Inspector | |
| AMC | Annual Maintenance Contract | |
| TNPCB | Tamil Nadu Pollution Control Board | |
| СРСВ | Central Pollution Control Board | |
| МНО | Municipal Health Officer | |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

SIPOC

| | | SIPOC | | Rev No : 00 Rev Date : |
|-----------------------------------|---|---|---|--------------------------------------|
| ess Name: MEDICAL-N | IEDICARE SERVICES Process Owner | смо | Date: | 25.07.2017 |
| Source of Inputs (S) | Inputs (I) | Process / Activity (P) | Outputs (O) | Receiver of Output / Customer (C) |
| | | | | |
| 1. Patients | Card | Examination and treatment | Traetment | Patients |
| 2. Patients | Case sheets | Inpatient treatment & ICCU | Admit in bed and get treatment | Patients |
| 3. Hospital 3. Attendant/Nurse | Reference form | Procedure for referral to investigations & higher centres | Verify and cross check the details and forward for approval Urugs selection | Patients |
| 4. head | Calls for suggestions of list of drugs and surgical items | Procedure for procurement of drugs and surgical items | committee finalise and forward for approval and place the quotation and receive drugs | Pharmacists |
| 5. Patients | Card | Outpatient treatment for card holders. | Treatment | Patients |
| 6. Patients | Referral letter from dispensary | Treatment for Emergency / Cases referred from Town Dispensary. | Treatment | Patients |
| 7. Patients,Patients attendant | APE slip | Treatment of accident private emergency for CHD | Treatment | Patients |
| Patients,Patients 8. attendant | APE Slip | Treatment of accident private emergency of other than Port employees | Treatment | Patients |
| 9. Patients | Private paying register | Treatment of Private Paying patients | Treatment | Patients |
| 10. Patients | RE slip | Treatment of retired employees from Dispensary | Treatment | Patients |
| 5. | ll | l] | [] | |
| | | <u>KPI</u> | | |
| | | | | |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| V.O.CHIDAMBARANAR Port Format No. VOC/IP, Issue No: 01, Date: 05.07.2017 | | |
|--|---|--|
| Interested Parties | | |
| 4.2 Understanding the requirements of the Interested parties | | |
| Interested Parties | Requirements | |
| Patients | Treatment | |
| Pharmacists | Drugs slip | |
| Section head | Procurement of drugs and surgical items | |

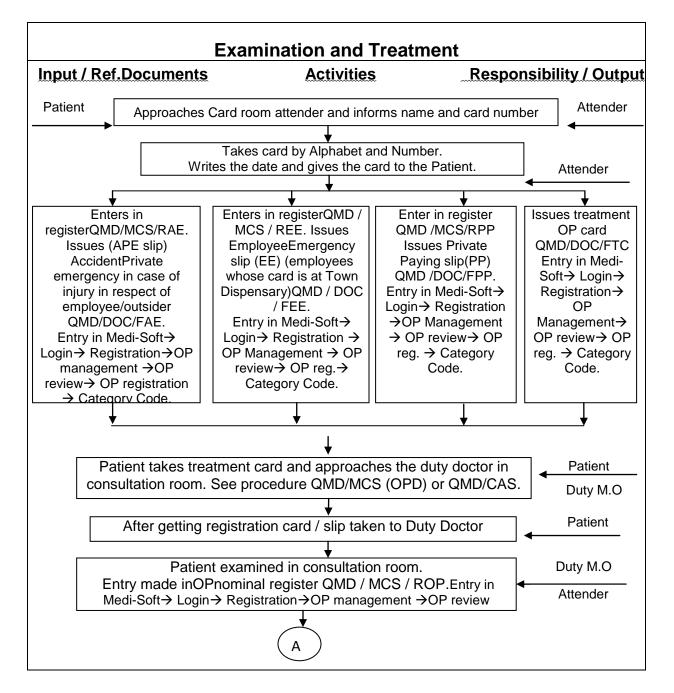
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

INTEGRATED MANAGEMENT SYSTEM MANUAL

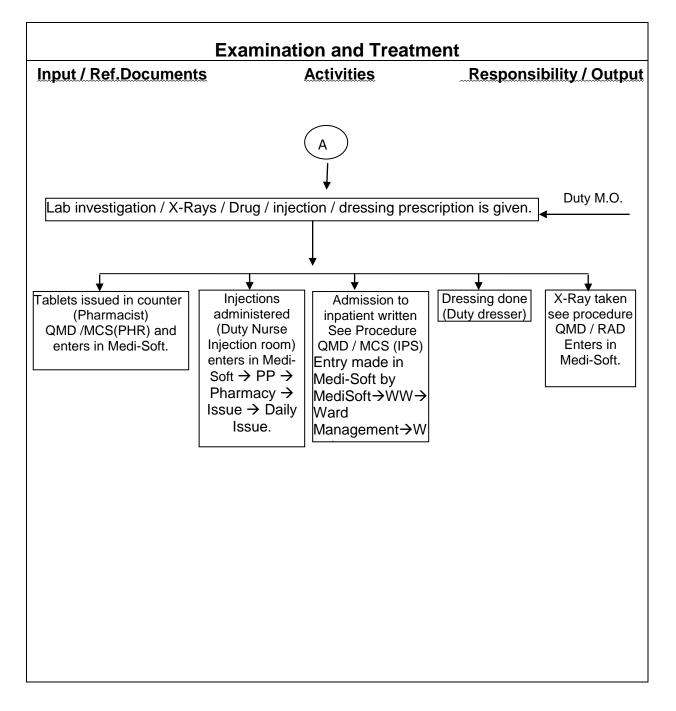
BENCH MARK

| OPD & PTD | Doctor's consultation and advice shall be given on the same day. |
|--------------|--|
| IPS | Treatment shall be started as soon as the patient is received in the ward and ICU. |
| SOT | To ensure for infection free surgeries in minor and major ones. Preparedness to handle any emergency surgery within a short time of notice. |
| PHR | Dispensing of medicines within 9 minutes on receipt of drug slip from patient. |
| PHS | Cleaning of all over head tanks, wards and whole of hospital – once in two months. |
| HIM | Civil, electrical and water supply problems to be intimated to the concerned departments – one working day. |
| MAO | Bills speciality hospitals shall be processed in 15 working days. Tenders for purchase of medicines and equipments shall be processed within 50 working days. Initiating the proposals for AMC/calibration – 2 months prior to the end |
| | Initiating the proposals for AMC/calibration – 2 months profite the end of previous AMC or warranty period. Issue of work order in 2 working days. |

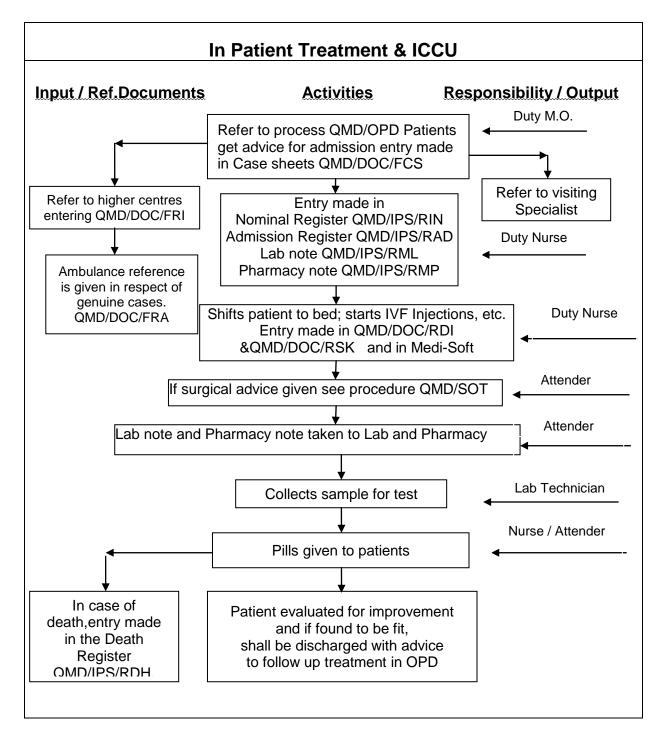
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



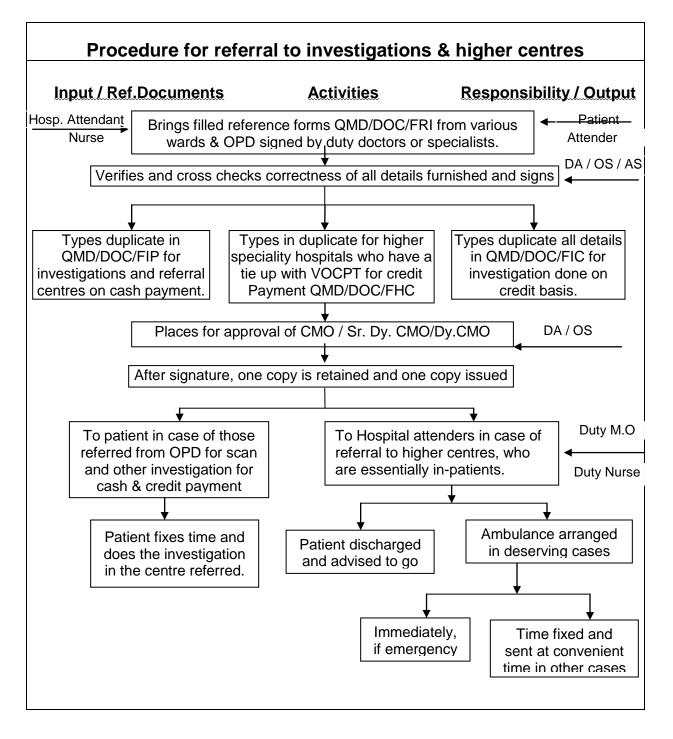
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



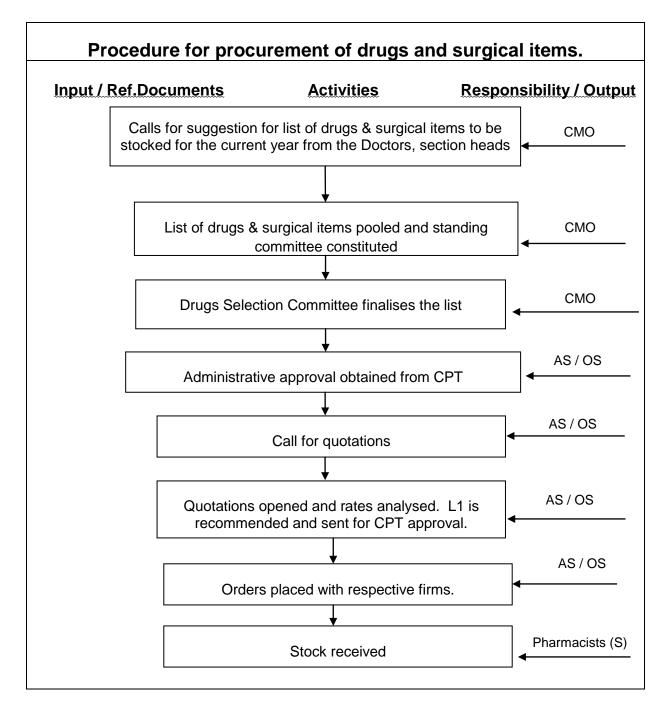
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



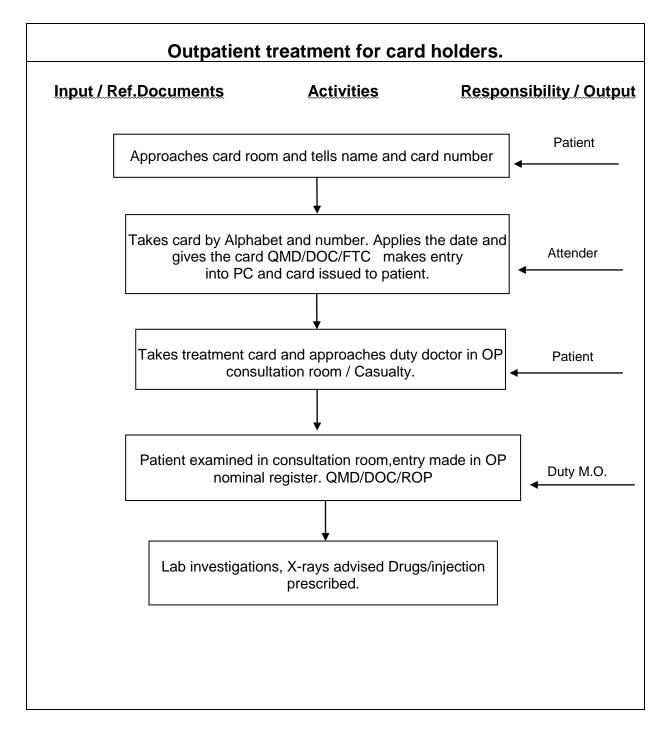
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



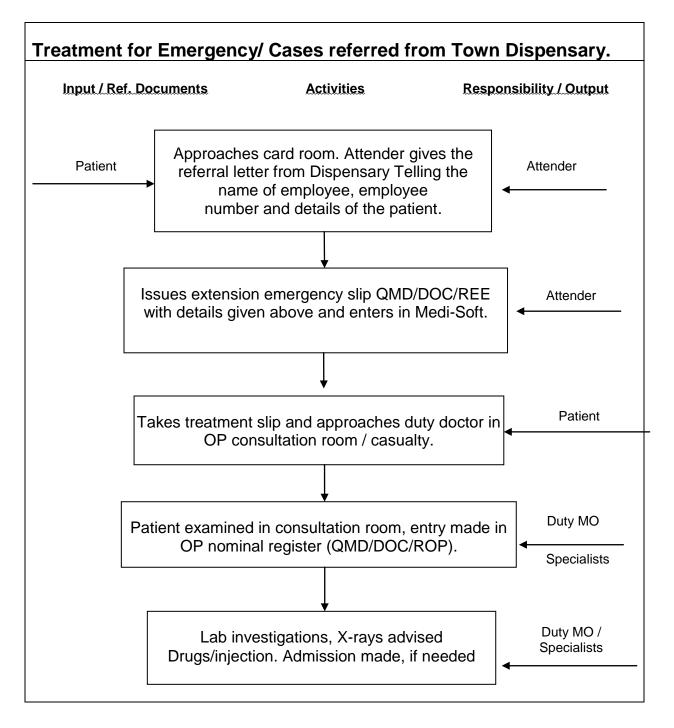
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



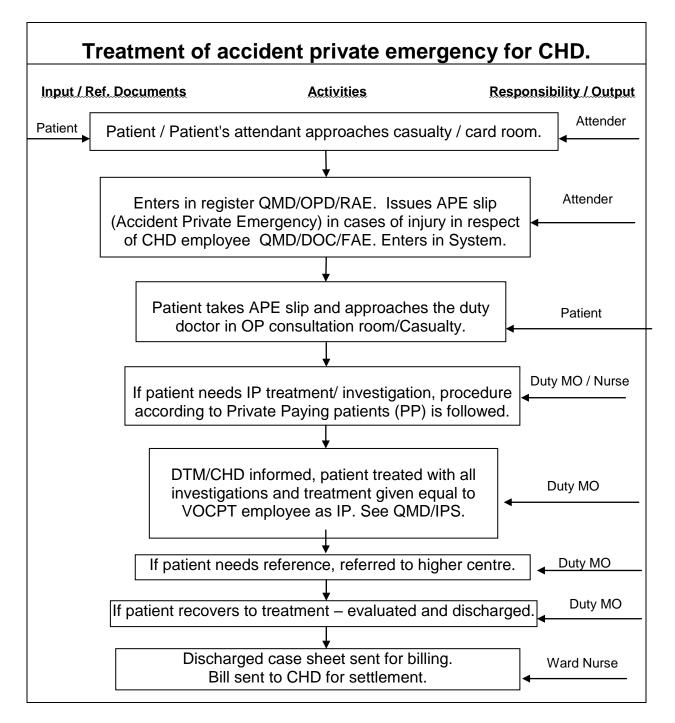
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



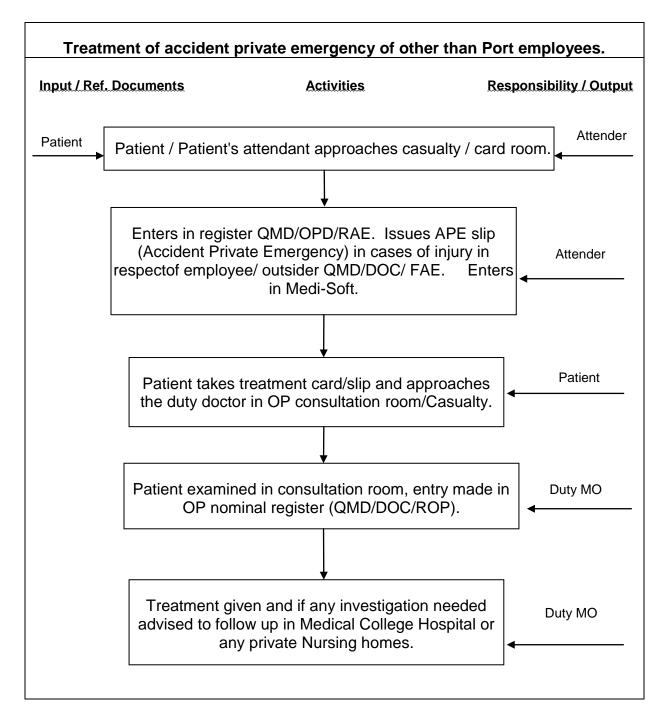
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



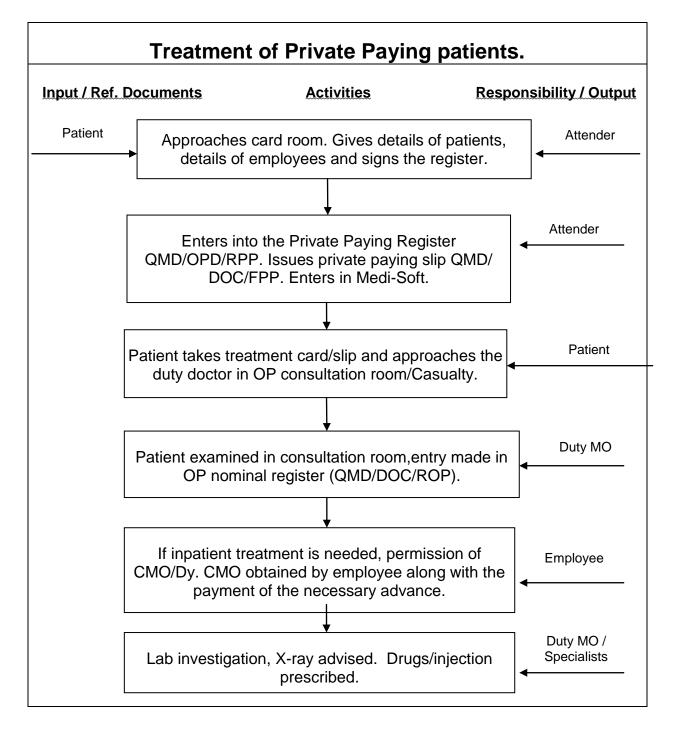
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



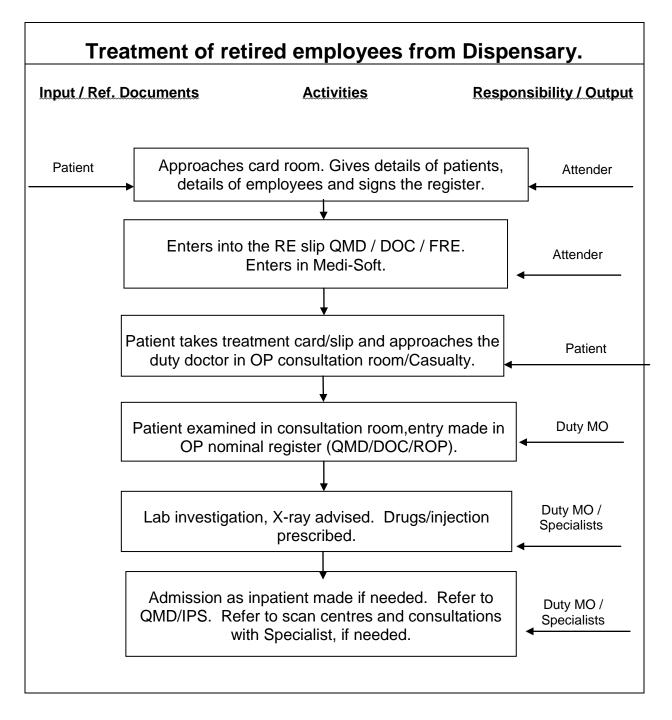
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



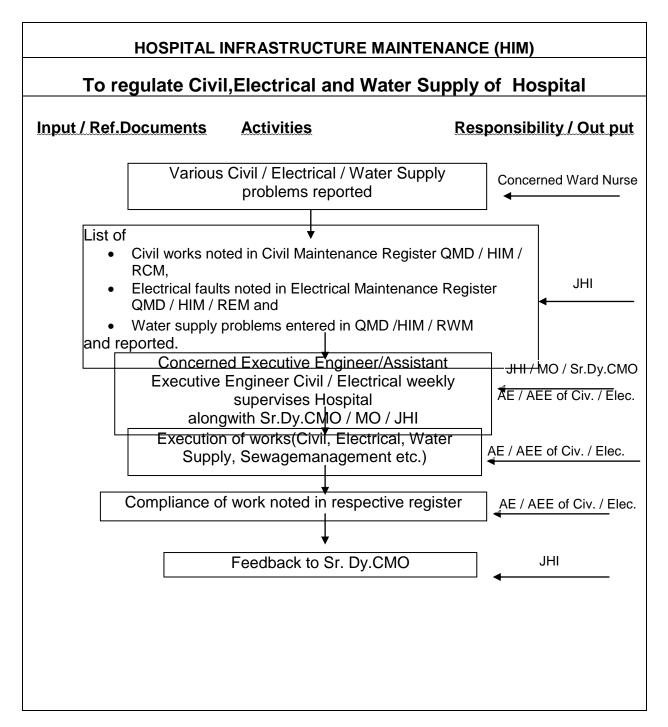
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



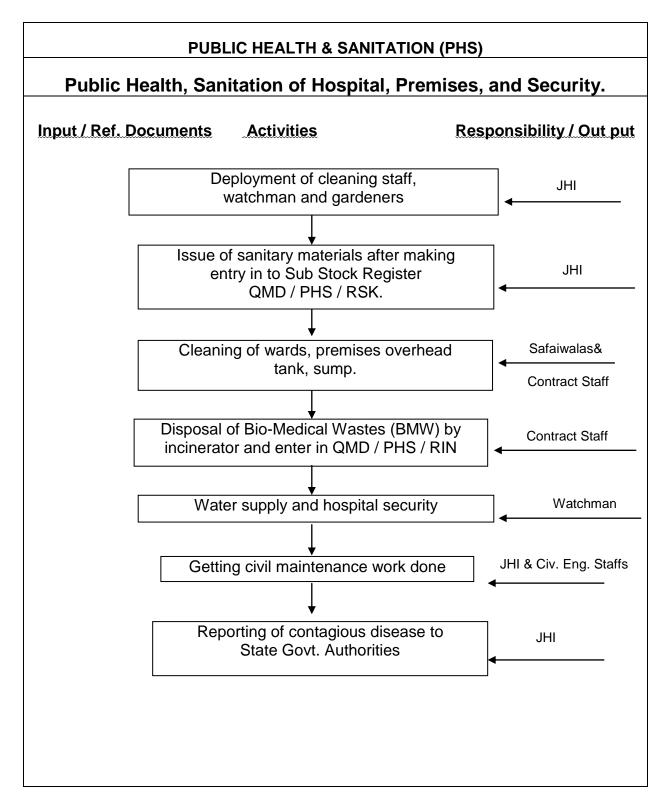
| ISSUE NO: 00 | APPROVED BY | |
|----------------|--------------------------|--|
| DATE: 05.07.17 | Dy.Chief Medical officer | |



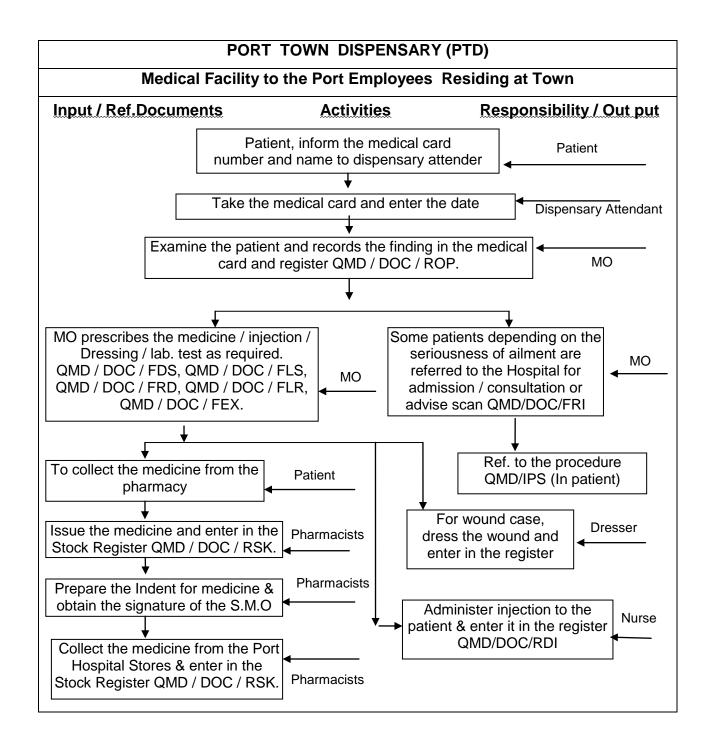
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



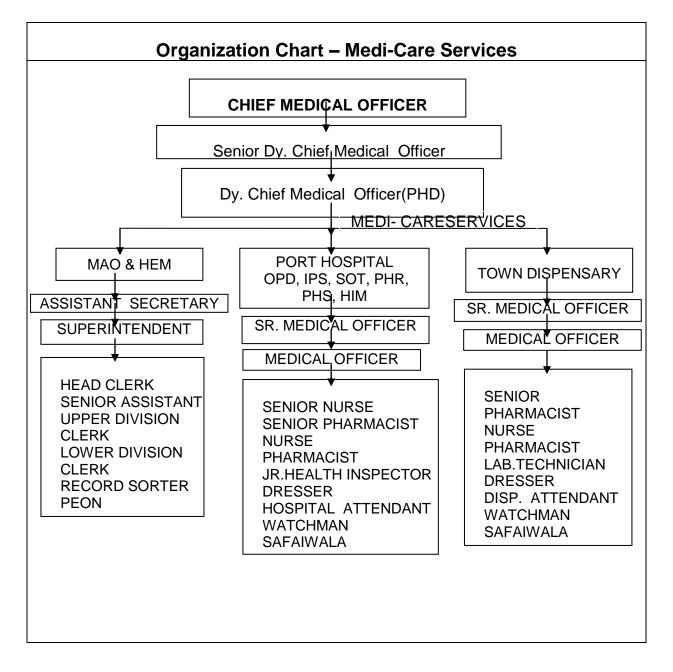
| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |



| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| 1550L NO. 00 | AFFROVED DI |
| DATE: 05.07.17 | Dy.Chief Medical officer |



| ISSUE NO: 00 | APPROVED BY | |
|----------------|--------------------------|--|
| DATE: 05.07.17 | Dy.Chief Medical officer | |

INTEGRATED MANAGEMENT SYSTEM MANUAL

RISK ASSESSMENT AND RISK TREATMENT

| RISK | CONTROL METHOD/PROCESS | |
|------------------------------------|---------------------------------|--|
| Card misplacement | Proper Instructions to be given | |
| Shortage of records | Proper procurement to be given | |
| No proper guidance to new patients | Proper display should be kept | |

KEY PERFORMANCE INDICATOR:

To provide comprehensive medical careto the satisfaction of the patients

ACTION TO ADDRESS RISK AND OPPORTUNITIES

We determined the risks and opportunities related to its environmental aspects (see 10.2), compliance obligations (see 10.4) and other issues and requirements,

| | | • | |
|----------|--|-------------------|-------------------|
| SI NO | ASPECT | IMPACT | CONTROL METHOD |
| 1 | Generation of dust and garbage | Land pollution | SEA/12OCP/10 |
| 2 | Spillage of oil & Bleaching powder | Land pollution | SEA/13OCP/09 |
| 3 | Disposal of Liquid effluents from various sections of hospital | Land pollution | SEA/14OCP/08 |
| 4 | Emission of odour / gases | Air pollution | SEA/15OCP/08 |

Reference Standard Requirement

ISO 14001:2015, Clause: 6.1.1

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| SI NO | HAZARD | RISK | CONTROL METHOD |
|----------|---|---------------------------------------|-------------------|
| 1 | Waste sharp needles syringes, scalpels, blades and glass | Accidental injury | SOP/6 |
| 2 | Solid waste items contaminated with blood and body fluids including cotton dressings. | Infection | SOP/6 |
| 3 | Solid waste generated from disposable items such as tubing, catheter. IV sets | Infection | SOP/6 |
| 4 | Disposal of collected vomits, urine, stool, and blood samples body fluids | Infectious disease | SOP/6 |
| 5 | Generation of dressing material soaked with blood and body fluids suture needles scalpels, blades, left over suture material removed POP casting. | Skin disorder accidental injury | SOP/6 |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| | LIST OF REGISTERS | | |
|--------------|-------------------------------------|-----------------|-------------------------|
| S.No. | REGISTERS | CODE | RETENTION PERIOD |
| OPD : | | | |
| | stration Room | | |
| 1) | Employees Emergency register | QMD / OPD / REE | 3 Years |
| 2) | Accident Private Emergency register | QMD / OPD / RAE | 3 Years |
| 3) | Private Paying register | QMD / OPD / RPP | 3 Years |
| B) <u>Co</u> | onsultation Room | | |
| 4) | Nominal OP Registers | QMD / DOC / ROP | 3 Years |
| IPS: | | | |
| 5) | I.P. Nominal register | QMD / IPS / RIN | 3 Years |
| 6) | Death register | QMD / IPS / RDH | Permanent |
| 7) | Admission discharge register | QMD / IPS / RAD | 3 Years |
| 8) | Sub stock register | QMD / DOC / RSK | 10 Years |
| 9) | Daily issue register | QMD / DOC / RDI | 3 Years |
| 10) | Pharmacy Register | QMD / IPS / RMP | 3 Years |
| 11) | Lab. Register | QMD / IPS / RML | 3 Years |
| <u>SOT :</u> | | | |
| 12) | Sub Stock Register | QMD / SOT / RSK | 10 years |
| 13) | DDA Register | QMD/ SOT/ RDD | permanent |
| 14) | Daily Issue Register | QMD / DOC/ RDI | 3 years |
| 15) | Surgeon's Register | QMD / SOT / RSS | 3 years |
| 16) | Anaesthetist Register | QMD / SOT / RAT | 3 years |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| LIST OF REGISTERS | | | |
|-------------------|--------------------------------------|-----------------|------------------|
| S.No. | REGISTERS | CODE | RETENTION PERIOD |
| | | <u>PHR :</u> | |
| 17) | Sub stock register | QMD / DOC / RSK | 5 Years |
| 18) | Daily issue register | QMD / DOC / RDI | 3 Years |
| 19) | Indent for medicine register | QMD / DOC / FIT | 5 years |
| 20) | Available medicine register | QMD / PHR / AMR | 3 years |
| 21) | Medical Gas Register | QMD / PHR / RMG | Permanent |
| 22) | Local Purchase Register | QMD / PHR / RLP | 5 years |
| | PHS : | | |
| 23) | Sub Stock Register | QMD / DOC / RSK | 10 Years |
| | | <u>HIM :</u> | |
| 24) | Civil Maintenance Register | QMD / HIM / RCM | 3 Years |
| 25) | Electrical Maintenance Register | QMD / HIM / REM | 3Years |
| 26) | Water Supply Maintenance Register | QMD / HIM / RWM | 3Years |
| | | <u>MAO :</u> | |
| 27) | Tender Opening Register | QMD / MAO / RTO | 3 Years |
| 28) | Payment Register | QMD / MAO / RPY | Permanent |
| | HEM : | | |
| 29) | Equipments Maintenance Register | QMD / HEM / REM | 5 Years |
| | TOWN | I DISPENSARY: | |
| 30) | O.P. Nominal Register | QMD / DOC / ROP | 3 Years |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| | LIST OF FORMS | | |
|--------|------------------------------------|-----------------|------------------|
| SI.No. | FORMS | CODE | RETENTION PERIOD |
| | <u>c</u> | <u>)PD :</u> | |
| 1. | Drug Slip | QMD / DOC / FDS | 3 years |
| 2. | Injection Slip | QMD / DOC / FIS | 3 years |
| 3. | Dressing Slip | QMD / DOC / FRD | 3 years |
| 4. | ECG & X Ray Order Form | QMD / DOC / FEX | 3 years |
| 5. | Laboratory Requisition Slip | QMD / DOC / FLR | 3 years |
| 6. | Medical Leave Form | QMD / DOC / FML | 3 years |
| 7. | Fitness Certificate Form | QMD / DOC / FFC | 3 years |
| 8. | OP Treatment Card | QMD / DOC / FTC | 3 years |
| 9. | Local purchase slip | QMD / DOC / FLP | 3 years |
| 10. | Form for Indent for medicine | QMD / DOC / FIT | 5 years |
| 11. | Employees Emergency Chit | QMD / DOC / FEE | 3 years |
| 12. | Accident Private Emergency Chit | QMD / DOC / FAE | 3 years |
| 13. | Private Paying Patients Chit | QMD / DOC / FPP | 3 years |
| 14. | Form for Referral | QMD / DOC / FRI | 3 years |
| | <u>IPS :</u> | | |
| 15. | Inpatient Case Sheet | QMD / DOC / FCS | 3 years |
| 16. | Discharge Certificate | QMD / DOC / FAD | 3 years |
| 17. | ECG & X Ray Order Form | QMD / DOC / FEX | 3 years |
| 18. | Laboratory Requisition Slip | QMD / DOC / FLR | 3 years |
| 19. | Local Purchase Slip | QMD / DOC / FLP | 3 years |
| 20. | Indent for Medicine | QMD / DOC / FIT | 5 years |
| 21. | Form for Referral | QMD / DOC / FRI | 3 years |
| 22. | Ambulance reference form | QMD/DOC/FRA | 3 years |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| | LIST OF FORMS | | |
|-------|--|-----------------|------------------|
| SI.No | FORMS | CODE | RETENTION PERIOD |
| | S | ю т : | |
| 23.3 | Form for referral | QMD / DOC / FRI | 3 years |
| | <u> </u> | | |
| 24. | Drug Slip | QMD / DOC / FDS | 3 years |
| 25. | Indent for Medicine | QMD / DOC / FIT | 5 years |
| 26. | Local Purchase Slip | QMD / DOC / FLP | 3 years |
| | Ν | IAO : | |
| 27. | Forms for referral to higher centres. | QMD/DOC/FHC | 3 years |
| 28. | Forms for referral to centres on credit basis | QMD/DOC/FIC | 3 years |
| 29. | Forms for referral to centres on payment basis | QMD/DOC/FIP | 3 years |
| | P | TD : | |
| 30. | Drug Slip | QMD / DOC / FDS | 3 Years |
| 31. | Injection Slip | QMD / DOC / FIS | 3 Years |
| 32. | Dressing Slip | QMD / DOC / FRD | 3 Years |
| 33. | X Ray and ECG Form | QMD / DOC / FEX | 3 Years |
| 34. | Lab. Requisition Form | QMD / DOC / FLR | 3 Years |
| 35. | Indent Form | QMD / DOC / FIT | 5 Years |
| 36. | Local Purchase Slip / White | QMD / DOC / FLP | 3 Years |
| 37. | Private Paying Slip | QMD / DOC / FPP | 3 Years |
| 38. | OP Treatment Card | QMD / DOC / FTC | 3 Years |
| 39. | Requisition form for reference | QMD / DOC / FRI | 3 Years |

| ISSUE NO: 00 | APPROVED BY |
|----------------|--------------------------|
| DATE: 05.07.17 | Dy.Chief Medical officer |

| INTEGRATED MANAGEMENT | SYSTEM MANUAL |
|-----------------------|---------------|
|-----------------------|---------------|

| LIST OF MEDICAL EQUIPMENT | | | |
|---------------------------|-----------------------|-----------|---------------|
| SI.No. | Name of the equipment | Location | Identity Code |
| 1 | Multipara monitor | MW / ICCU | MDE-5 |
| 2 | Multipara Monitor | FW | MDE-6 |
| 3 | Multipara Monitor | SOT | MDE-8 |
| 4 | Cardiac defibrillator | MW / ICCU | MDE -7 |
| 5 | BP apparatus | MW | MDE- 10 |
| 6 | BP apparatus | FW | MDE-11 |
| 7 | BP apparatus | SOT | MDE- 12 |

| ISSUE NO: 00 | APPROVED BY | |
|----------------|--------------------------|--|
| DATE: 05.07.17 | Dy.Chief Medical officer | |