

TIPPLUS HOSPITAL INFORMATION MANAGEMENT SYSTEMS

Next Level Of Management



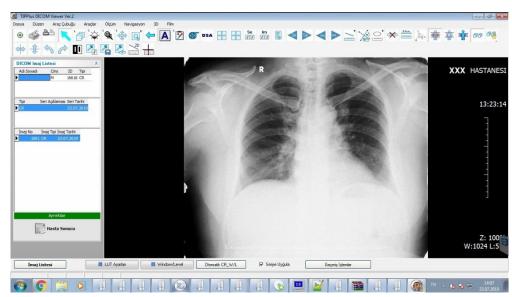
TIPPLUS HIMS

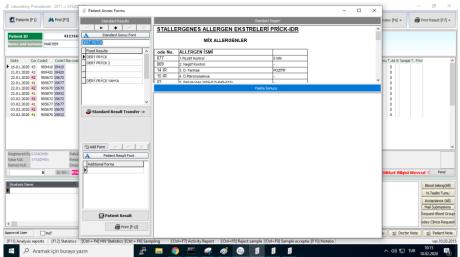
- **TIPPLUS** is brand of our HIMS.
- TIPPLUS has ISO/IEC 15504 SPICE SOFTWARE PROCESS IMPROVEMENT AND CAPABILITY DETERMINATION SPICE (ISO 15504) CERTIFICATE
- TIPPLUS has ISO/IEC 27001 INFORMATION SECURITY MANAGAMENT SYSTEMS CERTIFICATE
- TIPPLUS has ISO/IEC 20000-1:2011 INFORMATION TECHNOLOGY SERVICE MANAGEMENT AND SYSTEM REQUIREMENTS CERTIFICATE
- TIPPLUS has ISO/9001:2008 QUALITY MANAGEMENT SYSTEMS CERTIFICATE
- TIPPLUS has customers ,they have HIMSS Analytics EMRAM Stage 6 accreditation,
- TIPPLUS is compatible with all of process about HIMSS Analytics EMRAM
- TIPPLUS HIMS, founded in 2004, has been providing the highest quality information systems and management services to the health care industry for more than 15 years. Our active, private ownership has remained focused on the company's guiding principles as we have grown to meet the support service needs of the nation's many medical facilities.
- Our approach is based on forming partnerships with our clients in order to tailor programs and softwares that address the unique needs of each facility and the priorities of each administration. We proactively manage all HIMS services, equipment, supplies, and staff. This allows our clients to concentrate on their core business: clinical healthcare.
- **Tipplus** HIMS is proud to have earned a reputation for excellence by consistently delivering resources and results that exceed our partners' expectations. We believe it is because of this commitment to quality that most of our business continues to come from referrals, the heart of any good business. We pledge to uphold this tradition by providing the highest quality hospital information and management services and by growing one satisfied customer at a time.

LINKAGE OF SYSTEM COMPONENTS CAPABILITY

- More than 400+ different brand and model laboratory equipment is integrated with the Tipplus LIS (Laboratory Information System).
- Tipplus LIS is a computer information system that manages laboratory information for all the laboratory disciplines such as clinical chemistry, hematology and microbiology.
- Laboratory Information Systems provide modules for sending laboratory tests order to the instruments through its multiple instrument interfaces, some are known as to have as many as five hundred, track those orders and then capturing the results as soon as they become available. The result can then be analysed and a report the generated from it.
- This report can be sent off for printing at a specific point, sent off to other systems either to be added to patient's electronic medical record or for billing.
- Tipplus RIS (Radiology Information System) compatible with all DICOM 3.0 compliance device.
- Tipplus RIS includes PACS server and PACS viewer.Radiology,Doctor Polyclinic and Inpatient Modules includes PACS viewer.
- Tipplus HIMS has integrated with many brand phoropters, refractors, audiometers.
- Tipplus HIMS is a fully integrated Hospital Information System designed to provide a virtually paperless work environment in every department of your hospital.
- Tipplus HIMS also supported and collected a whole range of data in comprehensive or summary form, including demographics, medical history, medication and allergies, immunization status, laboratory test results, radiology images, vital signs, personal stats like age and weight, and billing information, etc..All Modules can view this informations, such as Doctor Polyclinic and Inpatient Module

LINKAGE OF SYSTEM COMPONENTS CAPABILITY





COMPATIBILITY



Tipplus HIMS supports standart international codes

 Some of the standart international codes to be used are ICD Classification of Disease) ICD 10, CPT (Physician Current Procedural Terminology) HCPCS (HCFA Common Procedure Coding System) and (National Uniform Billing Committees) and SNOMED

Multilanguage ability

- Tipplus HIMS is supports Turkish, English, Romanian, Albenian, Russian, Arabic
- This languages translated and ready.
- Tipplus HIMS is support translate and use...
- Users can be works different language same time.
- Practically all the translations can be done through the HIS Settings Module.
- Tipplus HIMS is supports HL7
- Tipplus HIMS supports HL7 V3.0 and V2.5, V2.0

CONFIGURATION OF ACCESS AUTHORITY



- Security is central to any information system and are no different in hospitals.
- Tipplus HIMS has multiple layers of security to ensure that the assets of your organisation are well protected from intruders and unauthorised access to your data.
- Users only Access authenticated modules
- Tipplus HIMS has 200+ parameters about module based access level security
- All of system activity logged.(Date,Time,Ip address,User,Machine Hw ID.)
- Any of the data is deleted, the database is automatically copied to another table
- Tipplus HIMS has Logs Module for view and report system activity for Supervisors and System Administrators.

- 24 x 7 vigil on hospital data security
- Recording of Workstations and menu activities
- Login attempts recorded to trace users
- User groups for ease of assigning permissions
- Voucher approval limit for supervisors
- Change log maintained for financial transactions
- Automatic system idle locking

REPORTING FUNCTIONS

- Tipplus HIMS supports data cube technology. Data cubes are commonly used for easy interpretation of data. It is used to represent data along with dimensions as some measures of business needs. Each dimension of the cube represents some attribute of the database. E.g Sales per day, month or year.
- Building adhoc reports without programming has never been easier for hospitals. The key to flexibility in Tipplus HIMS solution is the versatile report builder module which has an innovative (patent pending) reporting engine.
- The reporting engine also has a WYSIWYG editor (as in ms-word), a query builder and an input parser. Users generates own reports. Tipplus HIMS has 300+ static reports.

- Ad hoc reporting in minutes.
- No technical hands require
- WYSISWYG editor for professional formats
- Convert data into professional charts
- Drill down reporting
- Live reporting
- Graphic and text printing
- Export of report formats to Pdf,Word,Excel or Text
- Barcode printing
- Search within report view
- Archival of reports (cold reporting)



FINANCIAL, GENERAL LEDGER

Financial discipline is key to success of any organisation and the Financial integration module of Tipplus HIMS assists in easy management of accounts payable, accounts receivable, purchases, sales etc.

- Monitoring department and doctor profitability
- Balance sheet to voucher drill down
- Transaction locking to secure balances
- Instant supplier bills outstanding statements
- Consolidation of account balances from all departments
- Budgeting / Variance analysis for expense control
- Online bills tracking for debtors and creditors
- Multiple books of accounts for cash, cheque and credit
- Ledger printing (xls,PDF,Word format)
- Online printing of receipt and payment vouchers
- Cheque printing templates
- Bank reconciliation and reporting
- VAT and TDS statements for efiling
- And a lot more features

ACCOUNTS PAYABLE, ACCOUNTS RECEIVABLE



- This is the central billing system of the Tipplus HIS, controlling all cash transactions of the organisation. Multiple counters can be configured for various physical locations and point of sale counters to reduce patient wait time.
- The central cashier system of Tipplus HIMS improves financial discipline, effectively introduces check and balances to manage all cash related receipts and petty payments thus avoiding chances of financial manipulation in your hospital.

• Features:

- Measure and improve on patient wait time
- Heuristic billing pattern search for common groups
- Peak time hospital billing efficiency matrices
- Single menu for all hospital billing activities
- Special schemes for insurance billing in hospitals
- Maintain billing categories such as cash, cheque, account and credit card
- Create tariff plans depending on the day of the week and time
- Group products and services according to cost centres and departments
- Specify plans for shareholders, employees and corporate houses
- Define group concessions and exceptions
- Integrated with payment counter and accounts
- Centralized view and settlement of all in-patient and out-patient bills
- Display of pending and received bills
- Manage petty cash expenses and other income
- View opening & closing cash balances
- Statement of pending bills for a selected patient
- Conversion of bills to patient debit & patient debit settlement.

PAYROLL

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- Module enables employment history and performance appraisal management of hospital employees
- Features:
- Improve on hospital HR practices
- Increase employee retention
- Periodic employee appraisal parameters
- Employee confidential report
- Generate letter of appointment
- Security clearance Form
- Issue experience certificate
- Staff Joining Report
- Print employee id card
- And a lot more features

PURCHASING

- Tipplus HIMS has integrated purchasing module
- Fixed assets
- The fixed asset module of Tipplus HIMS provides comprehensive recording, tracking and analyzing capabilities for all equipments of the hospital.
- Features:
- Savings through prompt renewal of insurance and warranty contracts
- Minimizes the time and cost in maintenance of fixed assets
- Bring about accountability in your equipment inventory
- Improve control of planning and replacement costs of hospital assets
- Depreciation chart calculation for asset (Fixed and diminishing method)
- Facilitates easy tracking of locations of hospital equipments
- Maintenance of manufacturer and supplier details
- Tracking frequent breakdowns
- Measurement of equipment repair costs
- RFID integration for tracking assets



TELEPHONE TRACKING AND BILLING

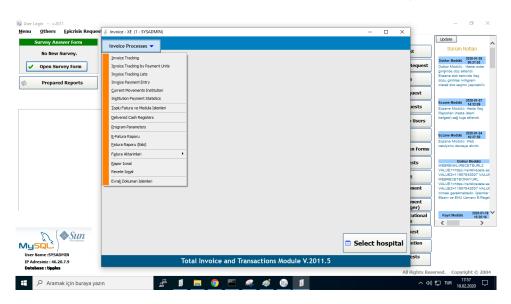
- Tipplus HIMS has integrated with many PBX systems.
- Tipplus HIMS IVR is working with Dialogic, Diva, etc.. IVR Hardware
- Patient Billing, Third Party Payers
- Telephone Directory
- Tipplus HIMS included Telephone Directory. Grouped by General, Patients, Doctors, Personnels, Firms

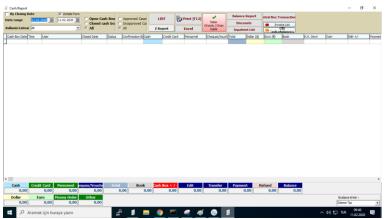




- Third Party Payers
- This is the central billing system of the Tipplus HIMS, controlling all cash transactions of the organisation. Multiple counters can be configured for various physical locations and point of sale counters to reduce patient wait time.
- Features:
- Measure and improve on patient wait time
- Heuristic billing pattern search for common groups
- Peak time hospital billing efficiency matrices
- Single menu for all hospital billing activities
- Special schemes for insurance billing in hospitals
- Maintain billing categories such as cash, cheque, bond, account and credit card
- Create tariff plans depending on the day of the week and time
- Group products and services according to cost centres and departments
- Specify plans for shareholders, employees and corporate houses
- Define group concessions and exceptions
- Integrated with payment counter and accounts

PATIENT BILLING





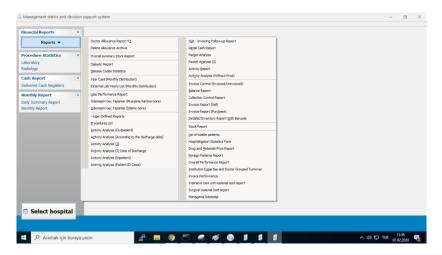


ADMINISTRATION

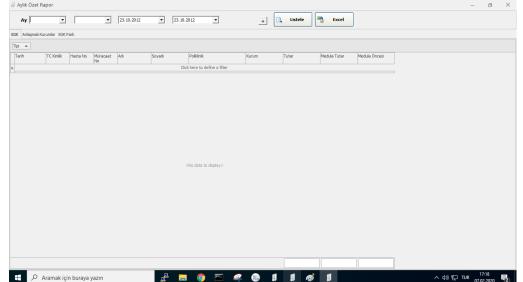
• The Management Information System (MIS) of Tipplus HIMS incorporates data cube technology to consolidate hospital information on critical attributes such as patients, doctors, people, products, departments and vendors. Tipplus HIMS creates an easy to interpret grid based snapshot with up to 10 years of reference data to assist hospital doctor owners take informed decisions.

- View your hospital performance on over 1000 parameters
- A measuring tool for your hospital to improve on cost savings
- Plan products and services based on current and historic data
- Take home analysis information on your laptop while you travel
- Patient wait time and workflow analysis
- Purchase trends and key supplier indicators
- Doctor and department performance matrics
- Room utilisation and revenue management
- Patient loyalty index and spending patterns
- People productivity and efficiency tracking
- Create grid based what if scenarios using click and build queries
- Presentation graphics for management and board meetings
- Export query information to formats such as ms-word, openoffice etc
- Optional integration with SPSS Statistical data

ADMINISTRATION







SCHEDULING AND APPOINTMENTS

- The appointment module is the gateway of Tipplus HIS, allowing easy flow of out patients, managing departments, appointments, doctor schedules, medical records etc. to reduce queuing at the clinics.
- Features:
- Integration of visit information with outpatient consulting
- Synchronise web data with pre-registration module
- Schedule doctor's timings on visit, duration, days and exceptions
- Create fee structures depending on the day, time, visit or physician
- Allocate appointment priorities for emergency cases
- Multiple and cross consultation during visits
- Patient visit validity on parameters such as visit and duration
- Exhaustive query system for easy retrieval of patient information
- SMS enabled patient booking
- Reduce waiting time for patient re visits
- Forecasting of out patients for a given day
- Booking for consultation and utility services.
- Enables telephone and SMS booking facility.
- Doctor / department wise booking of patients.
- Assign doctor wise booking limit for a day
- SMS alerts to doctors on booking information
- Block the booking of a doctor when out of station
- Collect booking fee at the time of booking or registration.
- Option to assign starting token numbers for each doctor



PERSONNEL



 Module enables employment history and performance appraisal management of hospital employees

- Improve on hospital HR practices
- Increase employee retention
- Periodic employee appraisal parameters
- Employee confidential report
- Generate letter of appointment
- Security clearance Form
- Issue experience certificate
- Staff Joining Report
- Print employee id card
- Support diffent brand Time Attendance Hardware (Granding Based)
- And a lot more features

TIME ATTENDANCE

- Tipplus HIMS supports Time Attendance Hardware
- Finger Print Device
- Mifare or Proxmity Card reader



ASSET MAINTENANCE MANAGEMENT

• Tipplus HIMS has Asset Maintenance Management Module



- Savings through prompt renewal of insurance and warranty contracts
- Minimizes the time and cost in maintenance of fixed assets
- Bring about accountability in your equipment inventory
- Improve control of planning and replacement costs of hospital assets
- Depreciation chart calculation for asset (Fixed and diminishing method)
- Facilitates easy tracking of locations of hospital equipments
- Maintenance of manufacturer and supplier details
- Tracking frequent breakdowns
- Measurement of equipment repair costs

MEDICAL LIBRARY

The electronic medical records module of Tipplus HIMS binds with the front office, patient care, laboratory, out patient consulting, laboratory, utility services and clinical departments to give the doctors and other service providers concise medical information.

- Patient medical information stored in database
- Exhaustive patient query system
- International Disease Code classification (ICD 10)
- DRG/DRG2 classification
- Templates for statutory reporting
- Professional format prescription printing
- Physical medical record file tracking



ADMISSION, DISCHARGE AND TRANSFER



- Professional looking patient discharge summary reports would help your hospital stand out from the crowd.
- The module in Tipplus HIMS allows creation, archival and retrieval of patient discharge summary records of all inpatients.
- Integrated with key supporting departments for single point reference to patient information.

- Improve patient satisfaction through quicker hospital discharges
- Ready to use templates for discharge summary
- Choice of general and customised reporting
- Access to hospital discharge information from doctors workstation
- Laboratory investigation link to discharge summary
- Prescribed medicine report in patient discharge summary
- WYSIWYG formatting features included
- Search and print previous discharge summaries
- Export discharge summary to word / pdf formats
- Supports ms-word and open office formats



NURSING

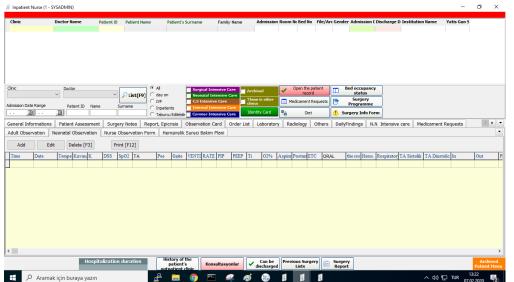
The patient care module of Tipplus HIMS efficiently tracks the endto-end requirements of admitted patients of the hospital to provide better patient experience.

- Create treatment packages to suite changing market requirements
- Define rate slabs for products and services depending on the time of the day
- Link physicians and para medics to wards
- Input daily progress card
- Automatic patient discharge summary
- Consolidation of billing information from various departments
- Credit limit for admitted patients
- Monitor inpatient dues and send payment requests
- and lot more



NURSING

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SURGERY

The operation theater module, part of Tipplus HIMS allows efficient allocation of various resources required to perform surgeries in different operation theaters of the hospital.

- Keeps track of expensive theatre consumables
- Improve patient safety through safe procedures
- Bill of materials reduces inventory and helps purchase planning
- Doctor wise surgery Scheduling to improve theater utilisation
- Surgical operational checklist for the day
- Operation theater equipment details
- Previous surgery records
- Scheduled theatre maintenance
- Theatre equipment inventory control
- And more



EMERGENCY

The emergency module of Tipplus HIMS is an innovative approach for doctors to handle their day to day emergency patients. The module interacts with various linking departments such as laboratory, pharmacy and front office for billing purposes, to reduce queing at various billing points and improve on patient wait time.

- Drastic improvement in patient experience
- Improves department billing collections
- Interactive entry of patient information
- View previous visit details
- Check availability of medicines / alternate medicines
- Create prescriptions for a patient
- Clinical decision support system interface
- Prepare laboratory test and X-ray requests
- And lot more

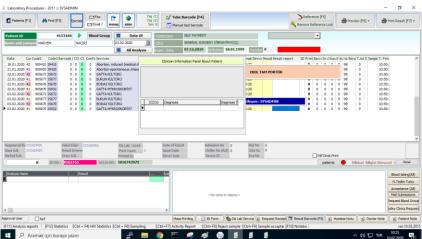


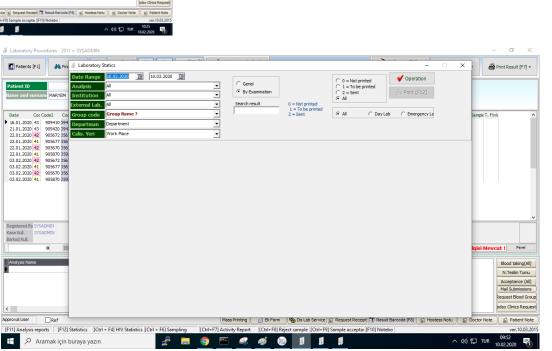


This is a comprehensive module to handle laboratory billing, reporting and reagent inventories. Talks directly with industry standard auto analysers and are integrated with out patient consulting and in patient billing modules of the Tipplus HIMS.

- Linked with central billing to prevent financial leakage
- Drastic reduction in kit and reagent wastage
- Third party tests for services which are done by external agencies
- Define duration for different tests and procedures to eliminate wait period
- Schedule laboratory services according to priority
- Work schedule for laboratory tests
- Integration with out patient consulting and ward billing
- Purchase orders for internal consumption
- Reduction in patient wait time at the laboratory









• TIPPLUS HIMS has 68 modules for managing all hospital processes







- Appointment and Booking Module
- Registration Module
- Outpatient Nurse Module
- Inpatient Nurse Module
- Doctor Polyclinic Module
- Laboratory Module
- Doctor laboratory Module
- Histopathology Module
- Genetics Laboratory Module
- Nuclear Medicine Module
- Radiology Module (CT,MR,XRAY,USG,DOPPLER)
- Audiology Module



- Pharmacy Module
- EMG-EEG Module
- Effort Module
- Hemodialysis Module
- Operation Theatre Module
- Supply management Module
- Sub Depot Module
- Purchasing Module
- Purchasing Request Module
- Pre-accountancy Module
- Accounting Module
- Finance Invoice Module





- Human Resources Module
- Payroll Module
- Settings and Parameters Module
- Managing Director Module
- Main Depot Module
- Statistics Module
- Logs &Security Module
- Dicom Server Module
- Dicom CD Module
- Dicom Viewer Module
- Multiple Text Messaging SMS Module
- Device tracking and technical service Module
- Integrated Personnel Time Attendance Monitoring System
- Laboratory Patient Line Management Module



- Radiology Patient Line Management Module
- ICU Information Module
- Emergency information Module
- DRG Module Diagnosis related groups
- Auto Faximile Module
- Auto Mail Module
- Auto SMS Module
- Training Module
- Blood Bank and Transfusion Center Module
- Tissue Bank Module
- Patient Archive Module
- Fixed Asset Tracking Module





- Sterilization Module
- Interactive Booking Module (Voice Response)(Hardware Required)
- Information / Desk Module
- Waste Management Module
- Document Management Module
- Kiosk Module
- Medical Reports Module
- Cafeteria Management Module
- Web Pathology Module
- Web Payroll Module
- Web DICOM Viewer Tele-radiology Module



- Web based e-booking Module
- Web based laboratory results module
- Web based purchasing module
- Web based Human resources and CV collecting
- Web based Personnel portal
- Web based Patient portal
- Web based Decision support system module (For managers)



SOME REFERENCES

TUZLA PUBLIC&GOVERMENT HOSPITAL ISTANBUL/TURKEY

• Speciality: General Hospital

o Doctors: 132

o Beds: 400 Beds+35 ICU Beds + 26 Palliative

Care Beds

• Branch: 4

• Clients: 500 Clients /PC

• Stuff: 1800

• Revenue: 1.4 Million USD/Month

• Patients: 5000-6500 Outpatients/Day



TUZLA PUBLIC&GOVERMENT HOSPITAL ISTANBUL/TURKEY





İNEGÖL PUBLIC&GOVERMENT HOSPITAL BURSA/TURKEY

Speciality: General Hospital

o Doctors: 140

• Beds: 300 Beds+30 ICU Beds + 18 Palliative Care Beds

• Branch:

• Clients: 400 Clients /PC

• Stuff: 1200

• Revenue: 1.2 Million USD/Month

• Patients: 4000-5500 Outpatients /Day



İNEGÖL PUBLIC&GOVERMENT HOSPITAL BURSA/TURKEY





ALI OSMAN SÖNMEZ ONCOLOGY HOSPITAL BURSA/TURKEY

Speciality: Oncology Hospital

o Doctors: 140

o Beds: 280 Beds+11 Palliative care Beds+24 ICU Beds

• Branch: 3

• Clients: 400 Clients /PC

• Stuff: 1300

• Revenue: 1.6 Million USD/Month

• Patients: 2000 Outpatients /Day



ALI OSMAN SÖNMEZ ONCOLOGY HOSPITAL BURSA/TURKEY





Qualimed Hospital Iloilo philippines

• Speciality: Genaral Hospital

o Doctors: 60

o Beds: 180 Beds+11 Palliative care Beds+14 ICU Beds

• Branch: 10

• Clients: 200 Clients /PC

• Stuff: 400

• Patients: 200 Outpatients /Day



Qualimed Hospital Iloilo philippines





Sf.-Maria-childrens-hopsital MOLDOVA

Speciality: Children Hospital

o Doctors: 50

• Beds: 214 Beds+10 Palliative care Beds+30 ICU Beds

o Clients: 180 Clients /PC

• Stuff: 214

• Patients: 140 Outpatients /Day



Sf.-Maria-childrens-hopsital MOLDOVA





SUDAN UHG Hospital

Speciality: General Hospital

o Doctors: 92

• Beds: 450 Beds+27 ICU Beds + 12 Palliative Care Beds

• Branch:

• Clients: 375 Clients /PC

• Stuff: 800

• Patients: 2500-3000 Outpatients /Day



SUDAN UHG Hospital





KOSOVO Medicine hospital

• Speciality: General Hospital

o Doctors: 35

• Beds: 60 Beds+5 ICU Beds + 4 Palliative Care Beds

• Clients: 52 Clients /PC

• Stuff: 70

• Patients: 400 - 600 Outpatients /Day



KOSOVO Medicine hospital

