The LekhiSoft

We are the pioneers in Software development in healthcare domain. We are specialized for the Medical Fraternity and Hospital Management System.

We are a well-knit team of twenty qualified and experienced Software Professionals. Our Software services are based on Detailed Study i.e. (System requirements, System design, Software development and system integration).

We take this opportunity to introduce ourselves as dedicated software developers for Medical Practitioners & Hospitals. Medical professionals considering the requirements of any Hospital have designed this software. We have set high standards with not only our Software Solutions but also by the after Sales Support Service given to our valued clients. Software is developed using client/server technologies. We have both single user and multi-user software that cater to needs of different clients in single-user environment and multi-user environment.

We also have a Panel of Senior Medical Professionals and Functional Specialists for interacting on Functional Specification with our Computer Specialists. **Product Development & Installation**

We have huge Network of clients all over India. We provide a **Complete ophthalmic hospital management software with EMR and Paperless solution**

**Consultant Support**

We have developed Software under guidance & support of **Dr Rajesh Lekhi**

**The Salient Feathers of Software**

- Paper less working
- No need of files & registers
- Minimum typing
- User friendly
- Maximum security
- EMR -electronic medical record

**The Leading Software For Eye care India wide**

Connecting Eye care Professionals is Our Business

With over 10 years of experience in the ophthalmic Industry, the LekhiSoft Team has demonstrated the Dedication and commitment to the eye care Professional. Let us connect you to the
information technology world for eye care.

**Connecting You to the Future with Software Solutions**

Electronic medical records have gained Monumental importance in just the last few years. Each day new advances are made, new standards and expectations are set for Record keeping, tracking and sharing Information. You will need to computerize your practice sooner or later – industry Standards, insurance companies, and government regulations are demanding it. Wouldn't it benefit you to be prepared for the future?

**LekhiSoft Image**

The “LekhiSoft Image” is the key feature of our software. LekhiSoft allows you to make drawing on stored pictures. Use a mouse or pen mouse and draw your findings.

**“LekhiSoft Help & Template” The User Interface**

LekhiSoft Help’ unique Help list user interface ensures fast and simple data entry. Data entry is done by help list. All data; history, findings, refractions, visual acuity, physician impressions, treatment plans, and more are quickly entered, captured and displayed using user-defined Help list Screens and forms.

**LekhiSoft Graph**

LekhiSoft electronic medical record browser automatically generates a graphic trend report.

**Digital Imaging**

The LekhiSoft system has the capability of storing any type of image. Your Fundus camera/digital camera and web cam can become an input device to the medical record. These images can be called to the screen, printed, or even merged into a reports.

**Electronic Medical Record Software Services (EMR)**

Composing a comprehensive report of a patient's medical history or going through the medical details of a patient is one of the most tedious and time consuming tasks that a healthcare physician has to go thorough. Creating a treatment plan, writing down the process for transcription and finally proofreading it for mistakes are some of the other tiresome and monotonous tasks that a physician has to perform.

We have the perfect health care software that can handle all these tedious tasks and help you concentrate more on patient care. Our EMR software is medical healthcare management software that can enable you to manage your patient charts in a simple and easy manner.

With our stringent processes, in-depth knowledge and technology skills we can provide you with high-quality and technology-driven EMR software that can meet your requirements.
By using EMR software, your healthcare physicians need not use manually created charts or data on any other incongruent system.

We develop EMR software based on the experiences of healthcare physicians. EMR software based on medical practices, integrations and practice management systems. We effectively combine our knowledge, skill, experience and the latest technology to create proficient electronic medical record software that will competently meet your needs.

**Key Modules of Electronic Health Record Software.**

1. **Patient Registration Module**

   A user can insert/edit the personal details of a patient with ease. The date of birth, name, age, social security number, address, insurance details, pharmacy details and guarantor details can easily be entered. This module makes it easier to access details to be used in billing and clinical modules.

2. **Appointment Scheduling Module**

   The user can handle patient appointments with ease and also effectively manage provider schedules. Views (daily, weekly and monthly), visit profiles and scheduling templates are some of the other attractive features of this EMR software package.

3. **Medical Billing Module**

   Users of our software can effectively perform medical billing options as this module has the features of medical billing software. Users can manage and print super bills. Charge entry, payments, using this module can perform complete collections and claims processing.

4. **Administration/Security Module**

   The user can setup the practice along with the required master data. Different user accounts can be created. Configurations of the software can be customized for the working of the application at a user level or at a practice level.

5. **Reports Module**

   In this module, you can view the system reports display default reports. Users can configure and customize reports based on the access level. Physicians manage their time well and allow them to devote better time to their main concern - their patients.

**Software Benefits**

Our expert medical software team ensures that all aspects of a medical practice are integrated into our comprehensive package. This makes workflows more efficient, processes simpler and the medical practice more effective. Our EMR software aims at empowering doctors to serve their patients better by reducing their administrative workload, streamlining their work flows and freeing up their time to attend to their concern – their patients.

- Improved administration in medical facilities
- More responsive healthcare practices
- Improved medical practice workflow
- Enhanced patient experience because of process efficiencies
- Streamlined documentation, medical records and patient charts
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Module name</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Registration Module</td>
<td>Patient Registration&lt;br&gt;Fresh + Review&lt;br&gt;Registration Billing&lt;br&gt;OPD Billing</td>
</tr>
<tr>
<td>2</td>
<td>OPD Module</td>
<td>OPD Discount&lt;br&gt;OPD Bill Recovery&lt;br&gt;OPD Refund</td>
</tr>
<tr>
<td>3</td>
<td>IPD Module</td>
<td>IPD Registration&lt;br&gt;IPD Advance (Fitness Amount + Patient Deposit)&lt;br&gt;IPD Billing</td>
</tr>
<tr>
<td>4</td>
<td>Ward Management Module</td>
<td><strong>Nursing Station (charge sheet)</strong>&lt;br&gt;Nursing Charges&lt;br&gt;Dr Visit Charges</td>
</tr>
<tr>
<td>5</td>
<td>Surgical Mgmt Module</td>
<td>OT Booking (Counseling + Direct)&lt;br&gt;Pre-Operative Sheet&lt;br&gt;Pre-Operative Sheet (Optometrist Workup)&lt;br&gt;OT Record&lt;br&gt;OT Record (Eye Injury Reg.+ LA + GA + SICS)&lt;br&gt;OT Sheet As Per Operation Type&lt;br&gt;OT Station (Charge sheet)</td>
</tr>
<tr>
<td>6</td>
<td>Diagnostic Module</td>
<td>Multi User (Integrated)&lt;br&gt;Pathology Mgmt&lt;br&gt;Radiology Mgmt, Cardiology Mgmt, CT Scan, MRI, U/S</td>
</tr>
<tr>
<td>7</td>
<td>Medical Record Module</td>
<td>OPD Medical Record Module&lt;br&gt;Case Paper / History/Diagnosis&lt;br&gt;Prescription&lt;br&gt;Examination&lt;br&gt;Investigation&lt;br&gt;IPD Medical Record Module&lt;br&gt;Case Paper / History/Diagnosis IPD Wise&lt;br&gt;Doctor Sheet&lt;br&gt;Nursing Sheet&lt;br&gt;Nursing Chart&lt;br&gt;Discharge Summary&lt;br&gt;Discharge Ticket (Treatment, Diagnosis, Investigation, Follow)</td>
</tr>
<tr>
<td>9</td>
<td>MLC Record</td>
<td>(Integrated)</td>
</tr>
<tr>
<td>10</td>
<td>Inventory Management Module</td>
<td>(Integrated)</td>
</tr>
</tbody>
</table>
| 11    | Financial & General Hospital Accounts module | CAMP<br>  
  
  
  
  Mobile Van Unit<br>Mobile Van Unit Master<br>Mobile Van Unit Detail<br>School Screening<br>CEHW Record<br>Teacher’s Training |
| 12    | Out Reach Module            | (Integrated)                                                              |
| 13    | Donation Management Module  | Donor Master<br>Donor Registration<br>One Time Donation<br>Tithi Wise Donation<br>Monthly Donation<br>Donor Transaction<br>Donor Reports |
| 14    | Staff Management Module     | Employee Registration<br>Employee In Out Record On Line<br>Duty Chart |
| 15    | Reports & Analysis          | Administrative, Medical, SSI, ORBIS, NABH Corresponding                     |
AUTO REFRACTION

WORKUP - FORM

- **Undilated & Dilated.**
  - Undilated – Spl, Cyl And Axis For Right & Left Eyes.
  - Undilated – Cyl, VD, PD.
- Dilated – Spl, Cyl, And Axis For Right & Left Eyes.
- Dilated – Cyl, VD, PD

In Auto Refraction also Template Help for Fast Data Entry.

OPTOMETRIST

WORKUP - FORM

- **Case Paper 1**
  - (Last three Visit Data, Pres. Complaints, Ocular History, Family History, Surgery History, Allergy, Systematic Disease, and old Glasses Record.
- **Case Paper 2**
  - Vision (Unaided, With Glass, With Pinhole, Best Correct.)
- **Image Workup for Retinoscopy and Amsler Grid Test.**

OPTOMETRIST SPECIAL WORKUP

1. **A-Scan**
   - In A-Scan (K1, K2, AL, PC, AC For Right & Left Eye.)
   - IOL Calculation (Formula, A Constant Emmetropia, Ammetropia.)
2. **IOL POWER**
   - K1 Reading, K2 Reading, Axial Length, A-Constant, Power AC/PC Type of IOL Company Model, OP. Size, Plano/Bio For Right And Left Eye.
3. **IOP Record**
   - In IOP Contain (Time, Weight, Reading, Value And Remarks For Right & Left Eye.)
4. **Optic test (WDT, Die-Urinal Variation)**
   - WDT Test Time, Value For Right & Left Eyes.
   - Die-Urinal Variation Test Time, Value For Right & Left Eyes.
   - HB Test, Speed, Duchrome Test, WFDT Test, Synaptophore Exam.
   - Color Vision Test, Amsler Grid Test.
5. **Squint Detail**
   - In Squint Exotropia (Near Distance), Esotropia (Near Distance), Diplopia Detail, PBCT, Hyper And Hypo Tropia, paralysis, Fixes, Reefer's to Fixes.
6. Contact Lens
   Present Glass No. For Right & Left Eye.
   K Reading, Best Correct, TINT Diameter, TRIAL C.L. No., On TOP Correction + V/A With CL,
   Final CL Power, BC Series.

7. Low Vision Detail
   In Low Vision Contain (Present Distance Correction RE, LE, Near Vision Aid.)
   Color Vision, Binocular Vision, Light Adaptation, Trial of Telescope, Contrast Sensitivity,
   Diagnosis Ateiology, Fixation.

8. B-Scan
   In B-Scan (K1, K2, AL, PC, AC For Right & Left Eye.) IOL Calculation (Formula, A Constant
   Emmetropia, Ammetropia.)

EYE EXAMINATION WORKUP

WORKUP - FORM

Include Last Three Visit Data of Patient (UCVA, BCVA, With Glass, IOP Value)
Complaint and Surgical History prepared by Optometrist auto come in Doctor Screen.
Ocular Medication and Previous Investigation Also Listed in Screen.

◆ EYE Examination
   Eye Examination Contain (Lid, Adnexa, Conjunctiva, Cornea, Ant. Chamber, Sclera, iris, pupil,
   Lens, Vitreous, Optic Nerve, Retina, Tension, Syringing, Fundus.) Ocular Movement, Final
   Diagnosis Procedure Advised.

◆ Investigation
   Prescribe Investigation in Hospital Or Out Side Of The Hospital.

◆ Extra Findings
   Extra Findings can be use for Extra Examination (which not Present in Examination).

◆ Prescription
   Prescribe Medicine.
   (Doctor Remark, Suggested Eye + Surgery, Test, Diabetic Status & Review Days)

- Template Help For Save Time and Smoothness for Consultant.
- Image Workup with every examination-Detail
- Treatment Plan & Comment Included.
1.01 **Lid Detail**
This Form include information about (Eye Brow, Upper Lid, Lower Lid And Image Work-up For Both Eyes.)

1.02 **Adnexa**
This Form include information about (Lacrimal Gland, Pucta, Sac, NLD, Orbit, Comment’s And Image Work-up For Both Eyes.)

1.03 **Conjunctiva**
This Form include information about (Palperbral upper, Palperbral Lower Bulbar Upper, Bulbar Lower Inner Conthus, Outer Conthus, Coruncle And Image Work-up For Both Eyes.)

1.04 **Cornea**
This Form include information about (In General (Vessels, Hemorrhages), In Epithelium (Dendrite, Defect, Foreign Body, SPK, Opacity, Bullas, Pteregium), In Endothelium (Cells, Gut tats, KP’s, Plgiment, Comments), In Stroma (Ulcer, Panneus, infiltates, Oedema, Ecstatic, Lacerated, S/P PK, S/P Lasik), In Corneal Investigation () And Image Work-up For Both Eyes.)

1.05 **Ant. Chamber**
This Form include information about (Depth, Contents, Cells Aqueous Flare, Comments And Image Work-up For Both Eyes.)

1.06 **Sclera**
This Form include information about (Color, Inflammation And Image Work-up For Both Eyes.)

1.07 **Iris**
This Form include information about (Color, Surface And Image Work-up For Both Eyes.)

1.08 **Pupil**
This Form include information about (Color, Contour, Reactions, Comment’s And Image Work-up For Both Eyes.)

1.09 **Lens**
This Form include information about (Position, Shape, Capsular Opening Pseudoexfoliation, Opacification, Variant’s, Pigment, Phacogenic Glaucoma Developmental Cataract, Anterior polar Cataract, Anterior cortical Cataract, Posterior Cortical Cataract, Posterior Sub capsular Cataract, Nuclear Cataract, Traumatic Cataract, Congenital Cataract, Posterior Cataract And Image Work-up For Both Eyes.)

1.10 **Vitreous**
This Form include information about (Asteroid Hylosis, Traction, Lens, IOL, Synch sis Scintillans, Detachment And Image Workup For Both Eyes.)

1.11 **Retina**
This Form include information about (Vessels, AV Crossings, Hemorrhages, Exudates, Macula, General Fundus, Retinal Detachments, Tumors And Image Work-up For Both Eyes.)
1.12 Tension
This Form include information about (Normal Tension And Image Work-up For Both Eyes.)

1.13 Syringing
This Form include information about (Syringing Detail And Image Work-up For Both Eyes.)

1.14 Fundus
This Form include information about (Normal Fundus And Image Work-up For Both Eyes.)

1.15 Optic Nerve
This Form include information about (Optic Nerve Detail And Image Work-up For Both Eyes.)

SPECIAL WORKUP

1. Amblyopia
   This Form include information about (Type of therapy, Remarks For Both Eyes.)

2. Vision Out Come
   This Form include information about (Vision Out Come Detail)

3. Corneal Ulcer
   This Form include information about (Etiology Detail (Trauma, Eye Lid Disease, Ocular Medication, Other Systematic Diseases, Ocular Surface Diseases), Ulcer (Location, Size (mm), Shape, Depth, Edges, Bed, Peripheral Cornea))
   This Form include information about (Investigation (F-Stain, Rose Bengal Stain, Sac Syringing, Grame Stain, KOH, Culture))

4. Injury Workup
   This Form include information about (Injury Detail (Personal Information, Activity Sub Group, Structured Effected, Type of Injury According Bett Chart, Other Systematic Diseases)

5. Profarma-Cognitional
   This Form includes information about Location, Referred, Fixation, Pre Screening Vision, Presently H/O, Birth History, Structured Effected, Reasons of Accrued Blindness, and After Treatment.

6. Vitamin-A Deficiency
   This Form include information about Stage of Disease, Brest Feeding, History, Antenatal History of Mother, Other Disease, Investigation, Serum vit-A Level, treatment.

7. Glaucoma
   This Form includes information about Diagnosis Eye Examination, Medical Therapy, Surgical Detail, treatment advised, Surgery Advised, and IOP Detail. (Gonioscopy button for open Sheet)

8. Gonioscopy
   This Form includes information about Gonioscopy Detail.

9. Ptosis
   This Form includes information about Drop of lid, exertion of lid, superior rectus, tears test, evert lids, Measurement of lids (lateral body of iris, center, medical border of iris, lid lag etc.)
10. ROP Evaluation
   This Form include information about Gestinational Age, Weight of Birth, Delivered at, Weight At Exam, PCA, Re-Examination in --- Days, Anterior Segment And Case History And Image Workup.

11. Contact Lens
   This Form include information about year of glass wear, Last date of Refraction, year of past CL wear, Past History of CL, Type of CL, Complaints with OLD CL And Other Examination Values.

12. Oncology
   This Form include information about Oncology Detail

13. Ptergium
   This Form include information about Ptergium Detail, Complaint's, Fresh Recurrence, Area, Coverage of Cornea, Date of Refraction, Vision Detail for both eyes And Extra Feeding.

14. Diabetic Retinopathy
   This Form include information about Ocular Examination, Diabetic History (Urine Sugar, Urine Albumin, Blood Sugar, BP, Weight, Height, Smoking Status, Alcohol Status, Physical Activity, Allergy, Family Income (Monthly)), Past Treatment, Family History, Corneal Opacity, Puillary abnormality, Cataract, Direct Indirect Fundus Examination.

15. Lasik
   This Form include information about Machine Used, Desired Correction, Optical Zone, Transition Zone, Total Ablation Depth, Cornea Saved, NamoGram Adjust, PachyMetry, Thickness of Flap For Both Eyes.

   This Form include information about CL Worn, Vision SC, Vision CC, Tension PreOP, Cornea PreOP, PachyMetry PreOP, Cataract, Pupil Size, Retina, Comments

   Lasik Post-Op. Form includes information about Lasik Corneal Flap, Position, Interface, Edges, and Clarity.

Laser Workup -

A. RETINAL LASER
   Procedure, No. of Spots, Power, Spot Size, Duration, Post-op Rx, Complications, Delivery Mode

B. CAPSULOTOMY
   Gonioscopy Results (OD, OS), Indication, Problems, final results, post/pre-laser medications Energy per shot, Visual Acuity, Image Workup RE, LE

C. IRODOCTOMY
   Gonioscopy Results (OD, OS), Indication, Problems, final results, post/pre-laser medications Energy per shot, Visual Acuity, Image Workup RE, LE
FFA Workup
In FFA (Dye Perfusion, Peripheral network, Optic Nerve Head, Vessels, Impression, Macular, Picture Workup.

VFA Workup
In VFA (Dye Perfusion, Peripheral network, Optic Nerve Head, Vessels, Impression, Macular, Picture Workup.

OCT Workup
In OCT Right Eye, Left Eye Central Macular Thickness, Diagnosis

Counselor Module –
1. Advised Surgery
2. Fitness booking
3. OT Booking/Surgery Booking
4. IOL Suggestion.

OPHTHALMOLOGY SURGICAL MODULE

Operation Record –
In Operation Record Detail Contain Surgeon Name, Surgery Date, Surgery Time, Anesthetist, OT Postponed and Reason of Postponed, Surgery Name, Operation Theatre, Anesthetic, LA, GA, And Eye Injury Record.

OT Register’s

OT Register’s are Available for OT Detail Entry.
Drug Register
Auto Clave Register
LENS LOG BOOK
HOTAIR OVEN
You can Add “N” Number of OT Register as per Your Requirement.

1.1 Operation Record Sheet –
1.1.1 MS
In this Operation Sheet Contain Detail of MS Operation Like Main Operative Steps, Operation Notes, Doctor’s Remarks, Previous Operation Detail, Post OP Notes, Pre OP Notes etc.

1.1.2 PK
In this Operation Sheet Contain Detail of PK Operation Like Details of Recipient eye, Detail of Donor Eye, Pre Operative Medication, Preoperative Preparation, Operative Steps (Exposer, Treph. of Donor C, Chamber Entrym, Synechiolysis, Suturing),
1.1.3 Cataract, Cataract + Trab
In this Operation Sheet Contain Detail of Cataract Operation Like Details of Sterile Preparation, Draping, Pre-op. Irrigation, Duration, Exposure, Conjunctiva Flap, Incision, Incision Instrument, Incision Size, Incision Entry, Incision Complication, Capsulotomy, Instrument used, Cap. Complication, Use of Cautery, Ant. Capsule Remo., Nucleus Surgery, Nucleus Removal, Irodotomy (St/PI Clock Hours), Precautious Partial Wound Closure, Cortical, IOL Insertion, Vitrectomy, Wound Closure, Additional Remarks, Drugs, Operated Complications, PKE Detail, etc).

1.1.4 DCR+DCT
In this Operation Sheet Contain Detail of DCR+DCT Operation Like Details of Preparation of Operative area, Nasal Packing, Bleeding on Packing, Methylene Blue Staining of Nasolacrimal Passage, Operation Incision Site, Separation of Subcutaneous Tissue && Muscle, Cautery Used, Periosteum Incised, Site, Extent of Periosteal Separation, Initial Bone Def. (Inst. Used), Final Size of Ostium, Nasal Mucosal, Sac Flap (Size), Posterior Sac && Nasal Mucosal Flaps, Silicone Tube Intubations, Anterior Sac && Nasal Mucosal Flaps, No. of Skin Sutures, Bleeding At the End of Surgery, Local Application at Incision Site etc).

1.1.5 Lensecotmy, Vitrectomy Surgery
In this Operation Sheet Contain Detail of Lensecotmy, Vitrectomy Surgery Operation Like Details of Duration, Conjuctival Flap, Corneal Wound, Sclrotomy, Lens Entry, Anti Capsule, Vitrectomy, Sclrotomy Suture, IOL etc.

1.1.6 Ocular Surface Dis-Order. (Ptergium)
In this Operation Sheet Contain Detail of Ocular Surface Dis-Order. (Ptergium) Operation Like Details of Duration, Intro-op Anesthesia Amount, Head detached by, Superficial Keratectomy, Planes, Pterygium Cut as, Cauterized By, Cautery, Extra Procedure, Dressing etc.

1.1.7 Occuloplasty (Lacrimal Surgery)

1.1.8 Occuloplasty (Lid Surgery)
In this Operation Sheet Contain Detail of Occuloplasty Lid.

1.1.9 Ball Implant
In this Operation Sheet Contain Detail of Ball Implant Operation Like Details of Anesthesia, Conj Incision, Corneal Cut, Suture For Muscles, Evacuation, Hemostasis, Extension Of Incision, Absolute Alcohol, Antibiotic Wash, Posterior Relaxing Incision, Implant Shape, Implant Type, Implant Size, Wrapping Of Implant, Wrapping Material, Suture For Wrap, Scleral Suture Type, Scleral Suture Mat, Tenon Suturing Type.
1.1.10 Ptosis
In this Operation Sheet Contain Detail of Ptosis Operation Like Details of Incision, Method, Amount of CM Resection, LPS found, LPS, procedure with LPS, Amount-LPS, Suture material, LPS, Suture LPS-NO, No of Lid incision, Site of lid incision, No of brow incision, Site of middle brow incision, Hemostasis, Tarsal plate incision, Tarsal plate suture mat, Suspension material, Suspension through, Knot, Sub cute suturing, End cauterized, brow mat suture, Brow Suture type, Lid skin suture mat, Lid skin suture type

1.1.11 Occuloplasty (Mass Cyst Removal)
In this Operation Sheet Contain Detail of Occuloplasty (Mass Cyst Removal) Operation Like Details of Tumor, Site, Consistency, Size, Movability, Shape, Extra Future, X ray, Other Spec. Invest, Incision Shape, Incision Size, Hemostasis, On Table Size, Result

1.1.12 Occuloplasty Plan
In this Operation Sheet Contain Detail of Occuloplasty Plan.

1.1.13 Pediatric Surgery
In this Operation Sheet Contain Detail of Pediatric Surgery Operation Like Details of Etiology, Preopvision, Postopvision, Rural/Urban, Type of Cat, UL/BL, Activity During Injury, Morphology, Vision Pre.

1.1.14 SB Surgery Detail
In this Operation Sheet Contain Detail of SB Surgery Operation Like Details of Duration, Conjuctival, Muscles, CYRO, Buckle, SRFD Complications.

1.1.15 Squint OT Record (Muscle Detail)
In this Operation Sheet Contain Detail of Squint Surgery Operation Like Details of Duration, Major/ Minor, Planned, Dressing, Muscle Name, Main Procedure, Tr Amount, SI, Diffuse Hemorrhage, Conj Opening, Amount, Extra Procedure, Discomfort, Hemostasis, Trans position, Conj Suture, Tenon Exposure, End Result.

1.1.16 Vitro-Retinal Surgery
In this Operation Sheet Contain Detail of Squint Surgery Operation Like Details of Exposure Eye Speculum, Conj. Peritomy, Muscles Legated, CRYO, Buckle, IOL Put, Infusion Port Made, TPPL, IOFBFR, Membrane Peeling, Diathermy Used, PFCL Used, Endo Laser Contain (Spot, Power, Type), FA Exchange, Gas Name, SOI, Lensetery, ILM, Sclerotomy Closed (6-0 Vicryl), Sub. Conj. Inj, Patching & Shield etc.

1.1.17 Wound Repair
In this Operation Sheet Contain Detail of Squint Surgery Operation Like Details of Duration, Size, Suture, No. of Suture, Suture Involvement, End Status, Tissue Excised.

2. Image Workup
3. Anesthetic Record
4. Pre-Op Record
5. Post-Op Record + Sheet (Include in OPD)
6. Post-Op Record (Optometrist Workup)
MEDICAL SOFTWARE...LMS
HOSPITAL MANAGEMENT SYSTEM
Window Based System for 21st Century... Simply the Best
Developed BY Doctors FOR Doctors

We take this opportunity to introduce ourselves as dedicated software developers for Medical Practitioners & Hospitals. Medical professionals considering the requirements of any Hospital have designed this software. We have set high standards with not only our Software Solutions but also by the after Sales Support Service given to our valued clients. Software is developed using client/server technologies. We have both single user and multi-user software that cater to needs of different clients in single-user environment and multi-user environment.

SERVICES OFFERED BY LEKHISOFT

Customization & Implementation of our LMS – HOSPITAL MANAGEMENT SYSTEM Medical Software Packages for the Scope & Specific requirements of Hospitals, Nursing Homes and Private Clinics.

IN-HOUSE FACILITIES FOR DEVELOPMENT

We have two Software development Centers in India Viz., one at PITHAMPUR and one at INDORE. These Centers are well equipped for today’s challenging and competing technology demands for software development. We have a team of over 20 well-qualified and trained Software Professionals with experience to work on MEDICAL SOFTWARES. The Scope of Software services cover undertake detailed study, Prepare System Requirements, Develop System Design, Software development and provide System integration.

We also have a Panel of Senior Medical Professionals and Functional Specialists for interacting on Functional Specification with our Computer Specialists.

ABOUT PLATFORM OF OUR PACKAGES

The Package is unique in its design having extensive Linkage & auto-posting facility for daily updating of Computerized Accounting Ledgers covering Administrative, Finance and Clinical aspects. Medical Package is developed VB6 as a front-end and MS-SQL/ as back-end.
DESIGN FEATURES OF OUR MEDICAL SOFTWARE - Ease Of Use [User Friendly]

- Integrated On-line Modules easily customizable to specific requirements with minimum time.
- Software Options fully Menu-driven with POP-UP Windows for ease of Operations by Users. Single Window service on mouse clicks
- Software is future ready & capable of adapting to future technologies.
- To provide open-ended adaptability & scalability of Software for future hospital expansion facilities, additional Computer Terminals and increase in load on Volume of Transactions in any Module.
- No restriction on increasing of any Hospital Facilities and high volume of Transactions. 
- Software can be updated from time to time through website
- Multi-user & Multitasking in Client/Server
- Remote and online administration of software at client’s end from our developmental office through Internet.

HOSPITAL MANAGEMENT SYSTEM (HMS)

Package has been designed modularly for ease of implementation, integration and Linkage for providing On-line Information System to the different levels of Management in Hospitals. Following are the multi-user Version of On-line integrated LMS Modules, which can be selected and implemented in Phases:

MAIN MODULES IN HMS

<table>
<thead>
<tr>
<th>Patient Registration</th>
<th>Surgical Mgmt</th>
<th>Ophthalmology</th>
<th>Psychiatric Mgmt</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPD Module</td>
<td>Pharmacy Mgmt</td>
<td>Neurology</td>
<td>ENT Mgmt</td>
</tr>
<tr>
<td>Ward Management</td>
<td>Inventory Mgmt</td>
<td>Endocrinology</td>
<td>Nephrology Mgmt</td>
</tr>
<tr>
<td>Diagnostic Module</td>
<td>Payroll Mgmt</td>
<td>Laser Therapy</td>
<td>Urology Mgmt</td>
</tr>
<tr>
<td>Pathology Mgmt</td>
<td>Financial A/c</td>
<td>Pediatric Mgmt</td>
<td>Dental Mgmt</td>
</tr>
<tr>
<td>Radiology Mgmt,</td>
<td>Medical Record</td>
<td>Orthopedic Mgmt</td>
<td>Acupuncture Mgt</td>
</tr>
<tr>
<td>Cardiology Mgmt</td>
<td>Medical OPD</td>
<td>Gynecology Mgmt</td>
<td>Radiotherapy Mgt</td>
</tr>
<tr>
<td>Blood Bank Module</td>
<td>IPD Record</td>
<td>Oncology Mgmt</td>
<td>Diabetic Mgmt</td>
</tr>
</tbody>
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PATIENT REGISTRATION

- Capturing Personal Information and Allotting A Unique Identification Number
- Registered Patient List With Florescent Visual Display with Search Engine.
- All Records of Patient Registration Can Retrieve By Name Or Reg No.
- Sticker of Patient Information Can Be Print for his File & Card (Big /Small)
- Registration Slip Printing / Registered Pt. List-Date , Category , City wise
- **Reports**-All Daily Registered Patient List / Category wise & Doctor wise pt. list

OPD MODULE

OPD Management Module maintains Outpatients information and Provides interfaces with Appointments, Investigation Centers, Day Care Surgery, Pharmacy, etc. Fixing of Appointment for Consultants, Enable Cash Collection from Outpatients for Consultations, Investigations, Procedures & Day Care Surgery. It generates a Cash Receipt. Generate "Cash Collection" and Revenue Summary reports for daily reconciliation. Facilitate auto-posting in Accounting Records

- OPD Registration & Management of Out-patient Record
- Generate OPD Pt. Register / Bill / OPD card / Duplicate card
- Maintain Record of All Patient Compliant, Diagnosis, Prescription, Reports
- Special Online Reports Daily Patients, Doctor-wise Category-wise, Branch-wise, Next/Re-Visit Report
- OPD Cash Collection (Daily Collection, Doctor-wise, Category-wise)
- Information Screen Department wise Doctor on Duty
- Dynamic Prescription Printing (Hindi & English)

IPD MODULE

At the time of Admission of a Patient, all relevant details are accepted along with Booking advance and deposit. Admission Form or Slip required in the Patient Case Sheet File in the Ward is also printed. System maintains status of Occupied & Vacant Beds in the hospital. Every Patient is automatically assigned a unique In-Patient Admission No. (I.P.D. No.), which is used for identifying Case Sheets and all services utilized by the Patients. It updates Bed status for Transfer or Discharge of a Patient. Generate Transfer and Discharge slip

- Automatic Display of Registration Date & Time / Registration Slip Printing
- Medico Legal Information /Doctor Ref To/ Ref By / Doctor In charge Assigning
- Ward/Room/Bed Allotment Facility
- Admission, Discharge & Transfer Information Of Patients
- Advance Details- Advance Receipt Printing
- At A Glance All Ward –Room-Bed Occupancy Details
- Admission Register- Day/Duration /Category Wise
- Collection /Advance Report- Day/Duration Category Wise
- This module covers extensively the complete billing functions involved from the date and time of admission of a patient till discharge from the hospital.
- Enable generation of in-patient register and billing register.
- You can search patient detail based on any criteria like time periods diagnosis, age sex, blood group, date of birth, referral doctors, city, etc
- **Reports**-Discharge Ticket / Medical Certificates / Dr. Sheet / Nursing Sheet / Slips Nursing Chart and Reference Letters.

**IN-PATIENTS BILLING & CASH COLLECTION**

This Module covers extensively the complete billing functions involved from the date and time of admission of a Patient till discharge

- Investigation Advice Entry
- Medicine Requisition Entry
- Hospital Canteen Diet Supplies
- Special Services offered
- Visiting Consultants Record
- Transfer and Discharge Advice
- Calculate bed charges automatically.
- Generate Receipt for deposits/advances for amount collected from Patients and Bill (Interim) or Bill (Final) for settlement.
- Generate Deposits Exhaust List for collection of amount due from each Patient on medical expenses incurred by the hospital.
- Enable generation of In-Patient Register, Billing Register, Collections Record, etc.

**FACILITATES INTEGRATION OF MODULES WITH RATE MASTER**

This will facilitate preparation of Bills both for Out Patients and In-Patients. Resident & Visiting Doctors details, Diagnostic Centers, Center wise Tests with Charges for Out Patients and In-Patients and Reporting Formats of Tests, etc. Operation Theatres, Setup of Billing Procedures for Surgery, Entry for different Surgeries with Charges, etc. Category of Beds, Wards, Bed Numbers, Bed Charges and other Bed Category related charges. Creation of Health Checkup package Medical Schemes & Credit Companies Billing Details.
WARD MANAGEMENT

This Module performs three different functions—Patient Care functions, Patient Investigations, Nursing Stations activities Management and interacts with other modules such as Diagnostic Centers, Blood Bank, Pharmacy, Diet, OT. It allows Nurses to enter Service Charge Slips for all the Services offered to each Patient in the Ward for Patient Billing purposes.

- Graph for Value-Duration of BP, Temp., Pulse, Respiratory Rate
- Recording all Medical Information And Procedure During Diagnosis
- Recording Of all Check Up Visits Of Different Doctors
- Nursing Station Connect With All Diagnostic Centers To Export & Import Patient Information.
- Automatic Calculation of Room Rent At the Time Of Discharge/Transfer.
- Bill Consisting Of Module Wise Charges Generated At The Time Of Discharge
- Daily Statement Of All Admitted / Discharged Patients.
- Doctor Visits Report For Different Patients
- Visited Doctor to a Particular Patient

SURGERY MANAGEMENT MODULE

This Module provides information on Operation Schedules, Operation Notes from Nurses, Anesthetists and Surgeons. It maintains Surgical and Medical Stock information. The System provides facility for advance booking and fixing Patient Appointments for Surgery. Daily Surgery schedule can be generated in advance. Details entered are used for Surgery Billing to Patients. It facilitates O.T. Assistant to enter useful information about Surgery Performed and generates Anesthesia Cum Surgery Register to be maintained in O.T.

- OT Station For OT Billing.
- Online OT Booking from Registration Screen And making OT Schedule
- Maintain All Surgical Information Pre And Post Operation Details
- OT Link with All Diagnostic Departments To Get Report Of Patients
- Maintain OT Inventory And Maintenance Schedule Of Machines
- At a Glance OT Schedule & Surgical Information Of Patient For Operation
**DIAGNOSTIC MODULE**

This Module facilitates in carrying out investigations and entry of Investigation findings in various centers. Generation of Investigation Advice based on Consultants advice for In-Patients from the respective Nursing stations. The Investigations advised for Out-Patients OR In-Patients (from Wards) will be flashed in the respective Diagnostic Center Terminal. In Selection Window User Friendly Architect With selection Option No Typing Require.

- Display All Patient Registration & Tests on Selection Screen
- Screen Contain All Information And Diagnostic Details of a Patient at a Click
- Any No. Of Test, Category, Department Can Be Add Through Master
- All Type Of Reporting (Tabular, Descriptive, Single, Graphical) Including Normal Referral Range Is Possible
- Printing Options For Report And Bill Printing (fast/Economical/Customizable)
- Complete Financial Accounting For Lab
- Daily Report Of Patients
- Daily/ Monthly/ Ref By Collection Report
- Test Wise Patient /Patient Wise Test Report
- Paid /Discount /Due Reports
- Image capturing

For a test Reference Value can be fix according to patient age/gender. For different age groups reference value can be save. Age group master is provided to save reference value depending upon patient age / gender for a particular patient automatic pickup appropriate range for reporting. Additions to this feature system automatically detect in/out of range value.

**MEDICAL RECORD MANAGEMENT & MEDICAL STATISTICS**
This Module will be integrated with Outpatients and In-Patients Modules. Medical professionals considering the requirements of hospital design this software. For each patient, multiple visits are possible. For each visit, standard format & appointment related information is provided. You can record History, symptoms, signs, examination, details, prescription, advice, operations performed and investigations. The system also allows you to enter different & probable diagnosis & later analyze it. You can search patient detail based on any criteria like time period’s diagnosis, age sex, blood group, date of birth, referral doctors, city etc. The appointment scheduler is easy to use and allows you to look at daily, weekly and monthly schedules.

- **Appointment Manager**
- **History / Examination / Investigation / Diagnosis**
- **Prescription / Doctor sheet / Nursing Sheet / Nursing Chart / Graphs**

**DISCHARGE SUMMARY MODULE**

*It Generate Discharge Summary or Discharge Card. It include History, Examinations Investigations, Diagnosis, Treatment Given, Treatment Advised &Summary of case*

**HOSPITAL FINANCIAL MANAGEMENT SYSTEM**

This Module has been specially designed for the requirement of Hospitals for maintenance of Hospital Finance System including Doctors Accounts. This Module enables to work as Stand-alone version or as integrated version of LMS package. The Stand-alone version facilitates for the entry of vouchers including Out-Patient Receipts, In-Patients Bills and Receipts. In Integrated version of this Module, linking is provided with other LMS modules for automatic postings of Receipts and Bills. The Chart of Accounts is User-definable and several features have been provided for security access, setting-up of Control Accounts, etc. Budgeting and Costing will also be integrated in the Financial Accounting System for monitoring of Budgeted versus Actual figures. The Accounts of Hospital Canteen can also be maintained as this Module supports multiple branches and multi users in the Accounts Dept.

- Financial Accounting is Associated With All Departments To Maintain All Account Automatically
- Maintain All Ledger And Cash Book Registers
- Ledger of All Transaction of Credit And Debit of Particular Account Generate Automatically. Under Any Account Head Daily Transaction Can be Generate
• Billing And payments Are Directly Associated To Account Any Time Balance Sheet, Ledger of Different Heads- Party Ledger & Trial Balance Can Generate
• Security Can Be Apply To any Ledger or Balance sheet at Any Level
• Balance Sheet (Daily/Monthly/Yearly)
• Daily Receipt/Payment Report / Department Wise Collection
• Journals /Cash Book/Bank Book/Sale Book/Purchase Book –Registers and Credit Note/Debit Note, / Financial Budget

BLOOD BANK MANAGEMENT

This Module provides information on collection & availability of Blood & its Components. The System maintains a List of Voluntary and other Donors. When bleeding is done from Donors, various Tests are carried out to ensure that the Blood is not infectious. The System displays registration of Donors, a format for entry of results of each Test and Quantity of Blood collected with Stock and Pouch Number. The request for Blood requirement, Blood Cross matching result, issue of Blood for specific Patient, Post transfusion reaction, etc could be entered. Enquiry and Reports on Stock, Blood Group-wise, Stock of Blood getting expired, Plasma products converted from Blood, Bookings, Issue etc.

• All Record Of Blood Bank Maintain According to Accreditation Standard of Blood Bank
• Printing Donor Card / Blood Group Card
• Unique No Maintains of Donor and Blood
• Donor List maintain Group Wise, City Wise,
• Stock Status At a Glance
• Blood Issue Record (Purpose/Time/Date/Quantity)
• Min – Max Stock Limit Level
• Mailing Label Printing
• Blood Stock status
• Donor Information Group Wise /City Wise
• Label / Donor Card / Blood Group Card Printing
• Donor/Issue Record

DRUG STORES & PHARMACY MODULE

This is a Multi-Stores, multi-user Module integrated together providing a truly Online environment for authorized Pharmacy Users accessing from different Locations.
This Module enables to create and maintain different stocking locations within a Hospital with one Main Drug Stores and several Sub-Stores such as OPD Pharmacy, IPD Pharmacy, OT Pharmacy & wards. The Drugs approved by the Drugs Purchase Committee can be Purchased and distributed by Main Drug Stores to Various Sub-Stores and Departments. The Module enables On-line entry of all Documents and updates the respective Stock Masters for Receipt, issue and sales. On-line Query provides details regarding Stock of an Item at Various Locations, Expiring drugs forecast and many more required for day-to-day Operations.

A number of useful Outputs are generated to the Management. Issue of Pharmacy drugs to Patients from any location automatically updates Patient's Billing folio. Billing and Collection are linked with Financial Accounts.

**INVENTORY MANAGEMENT**

- For all Product- Re-ordering Limit/ Maintenance Schedule / Exp. Date can be defined. Calculate Consumption of Product
- All Machine Maintenance /Vendor/Date Of Purchase/User Manual/Issued To/Operator Record.
- Generate Stock Status Report - Category wise Stock Status.
- Indent, Goods Receipt note and Issue.
- Gate pass etc
- Alert For Re-Ordering / Maintenance Schedule/ Expire
- Order Forms, Tender Form, Notice etc.
- List Of Product - Not For Issue or Expired
- Product Issue List

**MATERIAL STORES INVENTORY MANAGEMENT**

This is a Multi-User Multi-Store Module for Computerization of Inventory in various Stores in the Hospital:

- Hospital Consumable Stores
- Assets Stores
- Printing & Stationary Stores
• Linen Stores

Asset Stores Module facilitates in Creation and Maintenance of Hospital Assets details Department-wise and other Materials details Store-wise. At any Point of time Users can get to know the total Assets Category-wise with Quantity and depreciated value. Following are the Sub-modules to handle functions in Inventory Management System, integrated with Financial Accounts for Suppliers Bills receipt and payments.

• Stores Management Module
• Purchase Ordering Module
• Inventory Control Module

Stores Management Module

• Physical Verification Entry Form & Adjustment of Stock
• Goods Receipt Register
• Stock Record (Bin Card)
• Stock Status Summary
• Stock Ledger
• Stores Issue Analysis (Detailed Statement)
• Stores Issue Summary Statement

DEPARTMENTS INVENTORY MANAGEMENT
SYSTEM SECURITY AND ACCESS RIGHTS CONTROL

This Module is the backbone of the entire Package for maintaining Data Integrity and Data Security of the Hospital:

User ID, User Password and Access to each Option in each Module check The Access Control. The Super-User has rights to delete a User password in any Module, if the User has left the Hospital or somebody else misuses his Password in the hospital. Special Facility is given for providing Privileged Passwords for handling Options such as Modification, Deletion, and Management Queries, etc.

- AUTHENTIFICATION (Checking Who the User Is)
- DATA INTEGRITY
- Protection of Data from Modification & Deletion
- DATABASE MAINTENANCE

Security Setup

One of the salient features of our Software is its in-built Security which is provided in two stages.

- In the primary level, a privileged access is given to a user in the Hospital, identified as the Super User with SUPERUSER PASSWORD.
- The SUPERUSER can access with privilege any Modules of HMS, there by having the entire control over the Software
- All the above USER-ID's and PASSWORD'S are protected from being changed by any User or other persons by keeping them in an encrypted format
- Also, when the Users in the Software enter the USER-ID and Password’s, they are not echoed on to the Screen (Monitor), providing an additional Security.

System Maintenance

LMS provides special System Maintenance functions to maintain the Software files and maximum disk space availability in an efficient way to the Users:
FAQs on Electronic Medical Record Software

1) What are the disadvantages of using conventional paper-based medical records?

The conventional paper-based medical record has several limitations. Although this traditional method is useful for solving medical issues, recording details about patients, tracking down patients and coordinating healthcare process, it still has some disadvantages. These types of records are often badly indexed and sometimes illegible, because these records are hand written. There also might be errors and fragmentation. The most disadvantageous factor of using this method is that the medical record would be accessible to only one person at a time. These medical records cannot be made available to everyone at the same time.

2). Why should I use an EMR Software? What are the advantages of using EMR software?

Electronic medical record software
- Effectively maintain your medical records.
- Help you effectively overcome the disadvantages of the conventional paper-based method.
- Accessed by many at the same time.
- Eliminates errors, fragmentation and wrong indexing.
- The emr software is complex software and contains a collection of documents.
- It is user friendly. Users of the emr software can examine medical records with ease.
- The emr software enables the input, storage, transfer and the retrieval of medical information.
- Using the emr software can result in financial benefits such as, savings on transcription, recording, proof reading, pappers, billbooks, registers & stationary.
- The electronic medical records software enables healthcare physicians to spend their time with patients without wasting time on transcription, files & papers.
- Billing & medical record information for a patient is not lost.
- Enables the doctor to track appointments while on the move.
- Effectively use the charts database to optimize claim documentations, thereby ensuring higher returns for each claim.
- The emr software solution can be integrated with different insurance providers.
- The electronic medical record software has built-in integration points with other financial and erp/products.

3) What makes the EMR software different?

The EMR software can effectively handle and manage large practices and healthcare centers. It can proficiently addresses the main needs of a hospital information system, since it is a knowledge based system.

- It can incorporate all the departments of a practice
- It can provide 24x7 access to comprehensive information across the enterprise
- It can competently perform medical billing functions
- It can help you reduce error
4). What are the characteristic features of EMR software?

The electronic medical record software usually has the following characteristic features.

- The EMR software can competently address issues regarding security, confidentiality and privacy
- The EMR software can store data according to the related regulation acts
- The presentation of information in the EMR software can be altered to suit the user’s preference and requirements
- Users can retrieve selected information
- A computerized version of a patient’s record, along with progress notes and treatment plans can be created with ease
- The EMR software has automatic security measures. All patient files can be password protected in the EMR software
- A signature of the last user is stored in the software to easily track the users of the EMR software
- The EMR software has restricted access features
- The information in the EMR software can be presented in a clear, concise and precise manner. The information can be stored in a form, which can be easily used in other applications
- The EMR software is cost-effective and easy to use. You can also save on time and effort by using EMR software. The EMR software can be easily merged into your existing processes without any hassles
- The EMR software can provide an ASP solution for managing practices and maintaining health records
- The EMR software can efficiently store, transfer and retrieve medical information within a practice. The electronic medical record software is also healthcare logistics software as it has features that enable interfacing with other data providers who are outside the practice

5). Will an EMR software be able to enhance the functionality of a practice? How can the EMR software benefit my healthcare organization?

Yes. The EMR software can increase and improve your efficiency as it has an electronic patient check-in. The EMR software can also be effectively used to access any records on a 24x7 basis. In the EMR software, patient summary information can be easily customized to view specific details

- Your organization can experience accurate and error-free coding with the help of the coding functions and templates in the EMR software
- Your patients can easily access the results of their tests.
- Experience the quality Paperless records

All these features of the EMR software can enhance the functionality of your healthcare practice.